

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079513.D
 Acq On : 11 Oct 2023 13:36
 Operator : JC\MD
 Sample : VN1011WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/12/2023
 Supervised By : Mahesh Dadoda 10/12/2023

Quant Time: Oct 12 06:07:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	262633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	466678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	418055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	202326	47.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.020%		
35) Dibromofluoromethane	8.171	113	166426	49.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	10.571	98	614015	50.600	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.200%		
62) 4-Bromofluorobenzene	12.853	95	190279	48.861	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	66593	17.695	ug/l	98
3) Chloromethane	2.365	50	77657	16.538	ug/l	98
4) Vinyl Chloride	2.518	62	87681	17.951	ug/l	93
5) Bromomethane	2.953	94	49167	16.815	ug/l	98
6) Chloroethane	3.118	64	61160	16.609	ug/l	97
7) Trichlorofluoromethane	3.495	101	106208	18.417	ug/l	95
8) Diethyl Ether	3.959	74	38537	18.744	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	60929	18.079	ug/l	98
10) Methyl Iodide	4.595	142	56376	19.278	ug/l #	87
11) Tert butyl alcohol	5.524	59	53344	83.230	ug/l	97
12) 1,1-Dichloroethene	4.347	96	56198	18.111	ug/l	84
13) Acrolein	4.183	56	53692	84.133	ug/l	98
14) Allyl chloride	5.030	41	86444	17.263	ug/l	91
15) Acrylonitrile	5.718	53	163056	87.752	ug/l	98
16) Acetone	4.436	43	150365	89.025	ug/l	97
17) Carbon Disulfide	4.718	76	160787	16.612	ug/l	100
18) Methyl Acetate	5.036	43	136670	16.532	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	193655	19.207	ug/l	94
20) Methylene Chloride	5.283	84	70035	18.557	ug/l #	83
21) trans-1,2-Dichloroethene	5.794	96	63920	17.637	ug/l	88
22) Diisopropyl ether	6.677	45	215212	19.166	ug/l #	90
23) Vinyl Acetate	6.612	43	580189	91.858	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	124544	18.123	ug/l	95
25) 2-Butanone	7.488	43	218637	87.215	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	102493	19.516	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	73687	18.715	ug/l	88
28) Bromochloromethane	7.824	49	60581	18.528	ug/l #	78
29) Tetrahydrofuran	7.841	42	139899	86.288	ug/l #	77
30) Chloroform	7.971	83	129527	18.655	ug/l	94
31) Cyclohexane	8.259	56	105008	17.384	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	106690	18.259	ug/l	96
36) 1,1-Dichloropropene	8.377	75	93022	18.481	ug/l	95
37) Ethyl Acetate	7.565	43	88499	17.670	ug/l #	92
38) Carbon Tetrachloride	8.365	117	91448	18.148	ug/l	99
39) Methylcyclohexane	9.606	83	88658	18.333	ug/l #	87
40) Benzene	8.612	78	283619	18.973	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	47872	18.181	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	100425	18.489	ug/l	99
43) Isopropyl Acetate	8.694	43	161995	18.462	ug/l #	87
44) Trichloroethene	9.359	130	67221	19.106	ug/l	93
45) 1,2-Dichloropropane	9.624	63	74865	19.008	ug/l	95
46) Dibromomethane	9.712	93	49155	19.270	ug/l	95
47) Bromodichloromethane	9.888	83	99308	18.926	ug/l	99
48) Methyl methacrylate	9.682	41	65465	17.411	ug/l #	83
49) 1,4-Dioxane	9.694	88	24492	353.628	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	445405	89.921	ug/l	90
52) Toluene	10.635	92	173547	19.723	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	103578	19.588	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	114957	19.859	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	68268	19.325	ug/l	96
56) Ethyl methacrylate	10.876	69	95813	19.738	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	118169	19.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	170673	91.809	ug/l	90
59) 2-Hexanone	11.200	43	319794	89.470	ug/l	88
60) Dibromochloromethane	11.365	129	70145	19.757	ug/l	99
61) 1,2-Dibromoethane	11.471	107	64367	18.360	ug/l	100
64) Tetrachloroethene	11.106	164	51200	17.803	ug/l	92
65) Chlorobenzene	11.894	112	177398	19.054	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	64477	18.914	ug/l	97
67) Ethyl Benzene	11.970	91	315361	19.488	ug/l	92
68) m/p-Xylenes	12.076	106	236717	40.260	ug/l	97
69) o-Xylene	12.400	106	110756	19.154	ug/l	92
70) Styrene	12.418	104	181676	19.891	ug/l	98
71) Bromoform	12.582	173	45248	18.136	ug/l #	98
73) Isopropylbenzene	12.700	105	287429	18.976	ug/l	100
74) N-amyl acetate	12.500	43	109867	17.693	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	98467	19.397	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	85504m	18.214	ug/l	
77) Bromobenzene	12.982	156	66229	17.832	ug/l	95
78) n-propylbenzene	13.041	91	329025	19.199	ug/l	97
79) 2-Chlorotoluene	13.129	91	204335	18.633	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	234060	19.597	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	28342	17.518	ug/l	86
82) 4-Chlorotoluene	13.223	91	195148	18.701	ug/l	98
83) tert-Butylbenzene	13.441	119	197229	20.155	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	228879	20.080	ug/l	98
85) sec-Butylbenzene	13.623	105	264612	19.386	ug/l	99
86) p-Isopropyltoluene	13.735	119	209813	20.037	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	109311	18.557	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	109213	17.956	ug/l	99
89) n-Butylbenzene	14.059	91	161546	19.320	ug/l	97
90) Hexachloroethane	14.335	117	40263	18.277	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	109950	19.135	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15257	17.420	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	31944	17.950	ug/l	97
94) Hexachlorobutadiene	15.506	225	25373	18.306	ug/l	99
95) Naphthalene	15.647	128	83339	15.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	35306	16.625	ug/l	99

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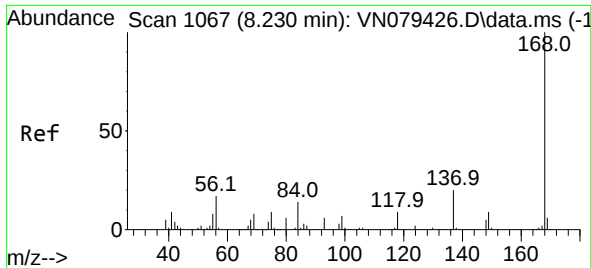
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/12/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

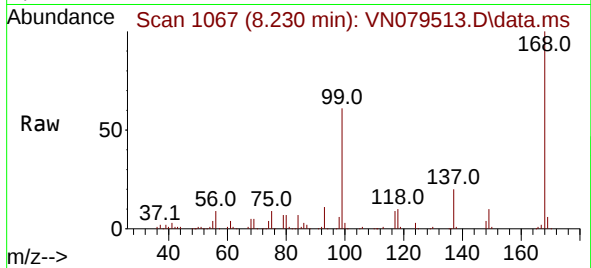
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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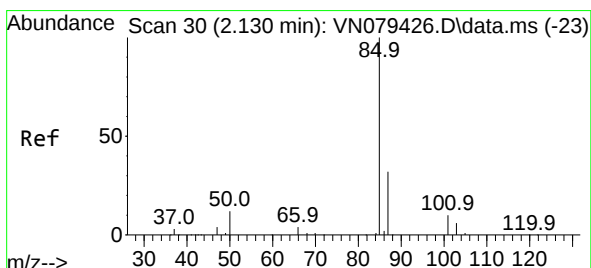
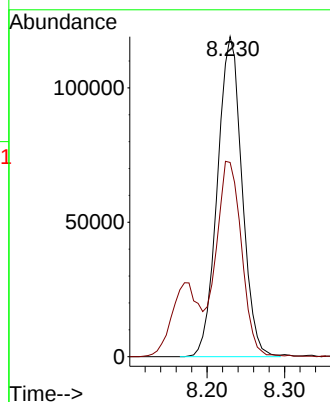
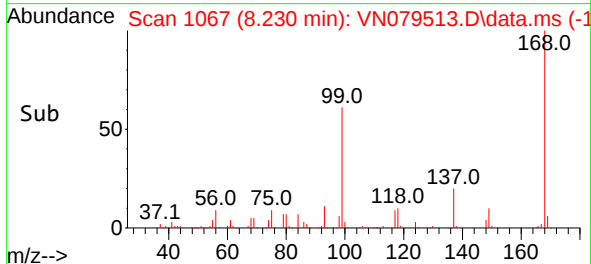
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion:168 Resp: 26263
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6

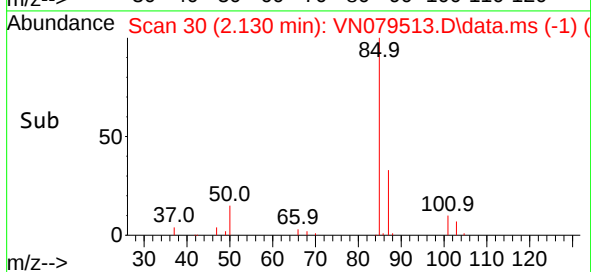
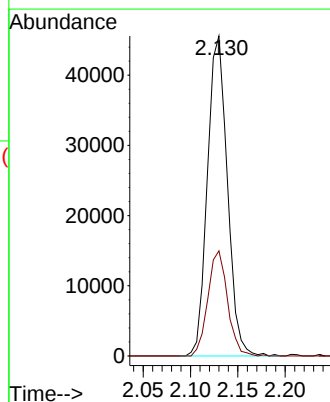
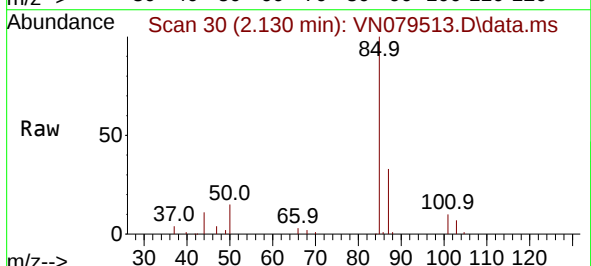
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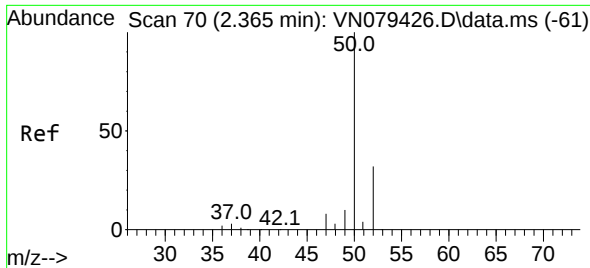
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#2
Dichlorodifluoromethane
Concen: 17.695 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

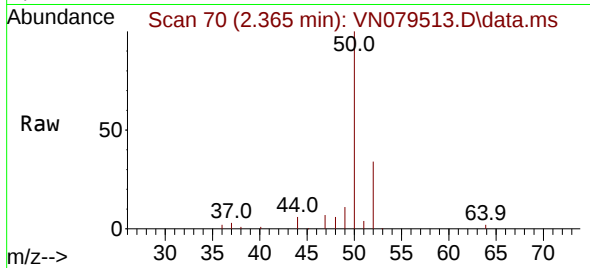
Tgt Ion: 85 Resp: 66593
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 16.538 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

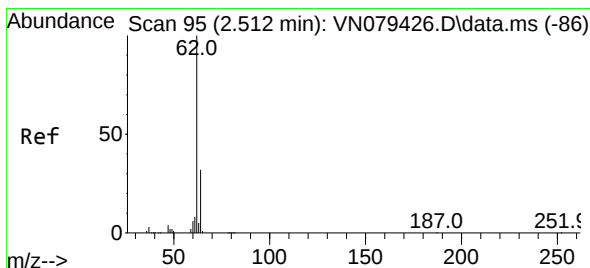
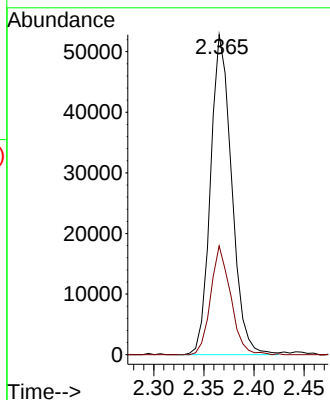
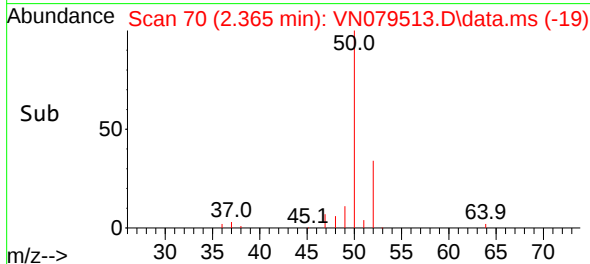
Instrument :
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Tgt Ion: 50 Resp: 7765
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

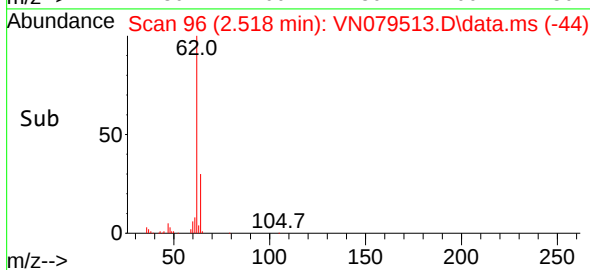
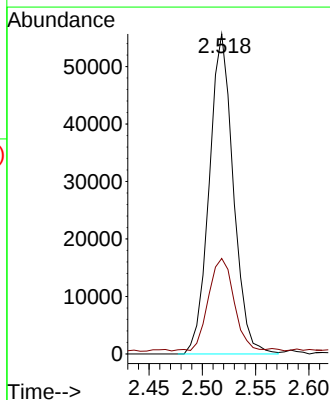
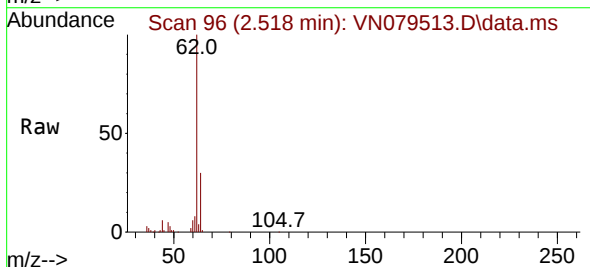
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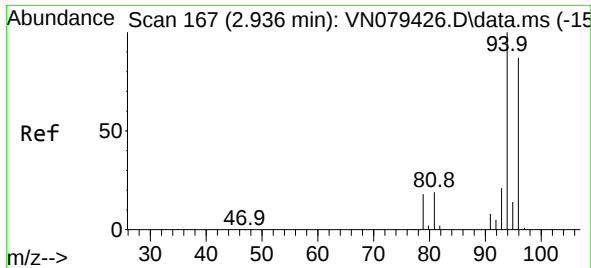
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#4
Vinyl Chloride
Concen: 17.951 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

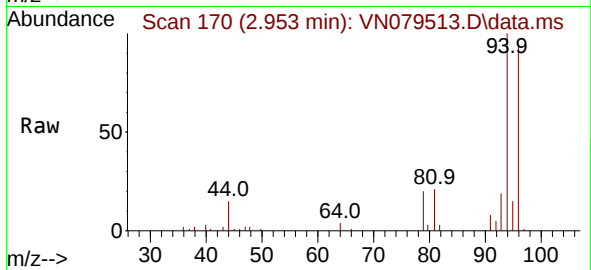
Tgt Ion: 62 Resp: 87681
Ion Ratio Lower Upper
62 100
64 28.5 26.2 39.2





#5
Bromomethane
Concen: 16.815 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

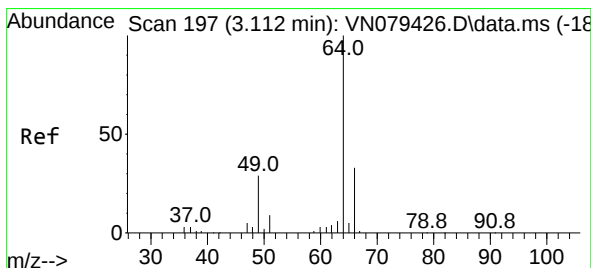
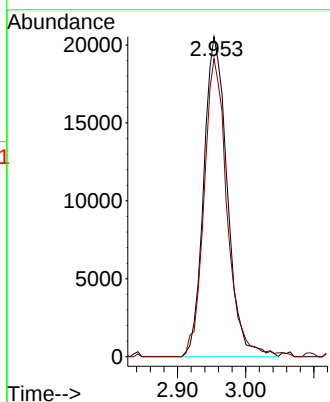
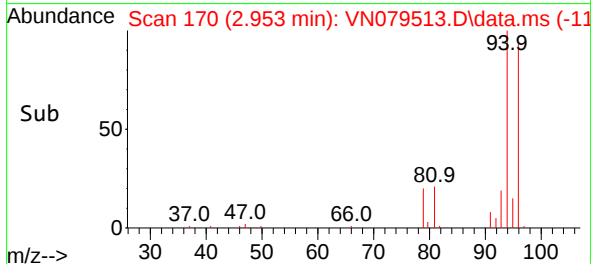
Instrument :
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Tgt Ion: 94 Resp: 4916
Ion Ratio Lower Upper
94 100
96 93.1 73.1 109.7

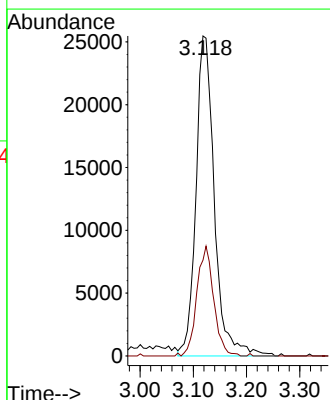
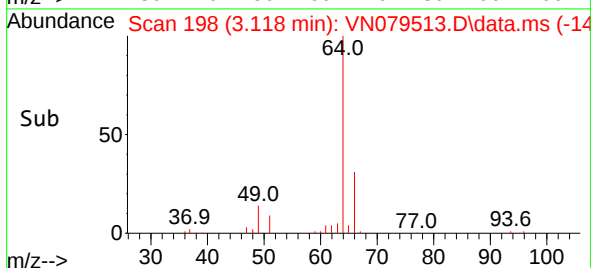
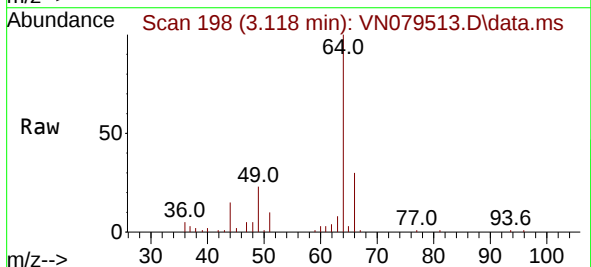
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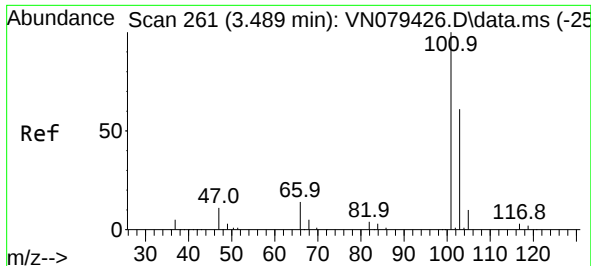
Reviewed By :John Carlone 10/12/2023
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#6
Chloroethane
Concen: 16.609 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
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Acq: 11 Oct 2023 13:36

Tgt Ion: 64 Resp: 61160
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.2





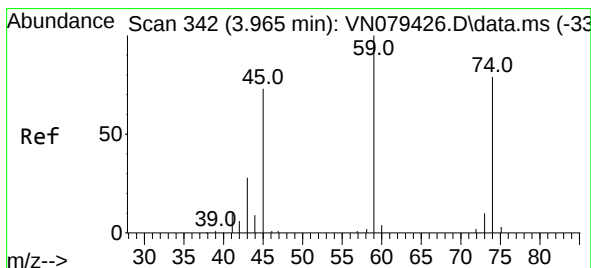
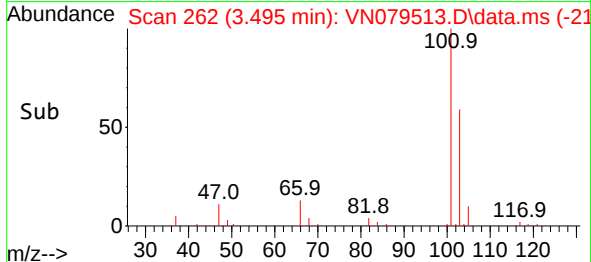
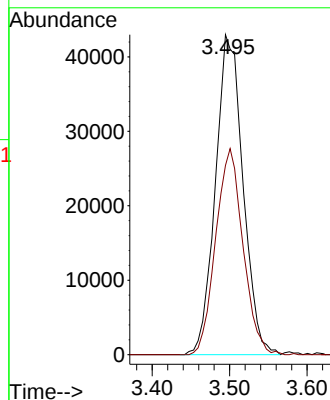
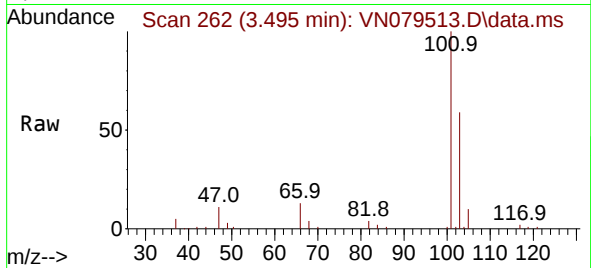
#7
Trichlorofluoromethane
Concen: 18.417 ug/l
RT: 3.495 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Instrument :
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ClientSampleId :
VN1011WBSD01

Tgt Ion:101 Resp: 106208
Ion Ratio Lower Upper
101 100
103 59.1 50.7 76.1

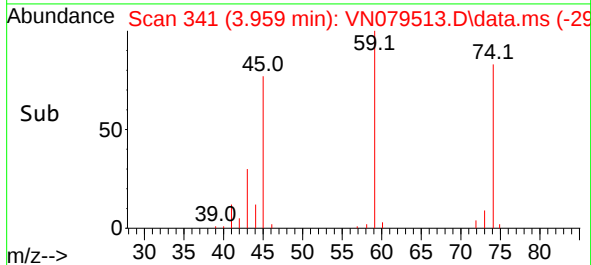
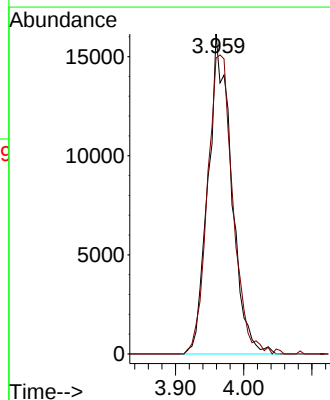
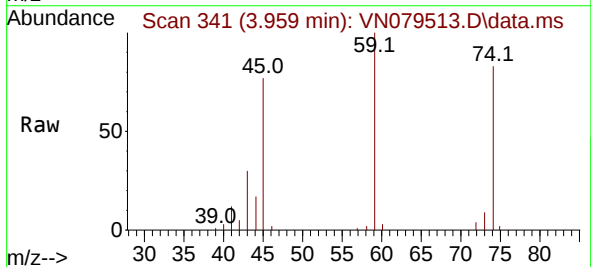
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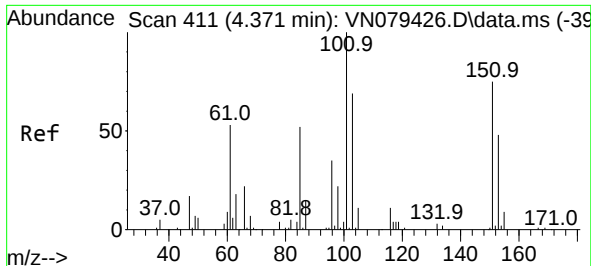
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#8
Diethyl Ether
Concen: 18.744 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 74 Resp: 38537
Ion Ratio Lower Upper
74 100
45 101.0 34.4 103.3





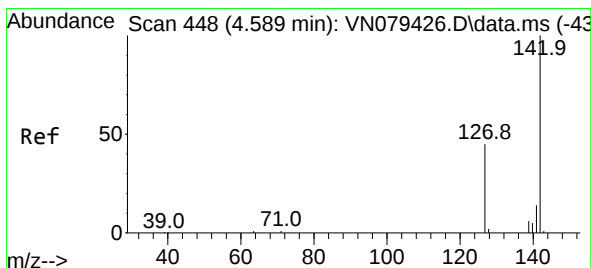
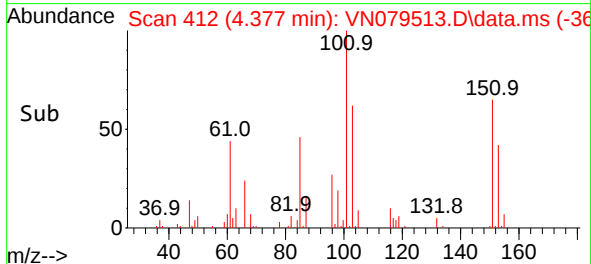
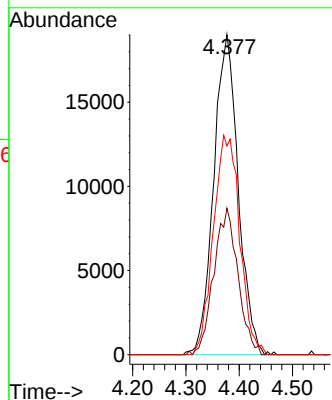
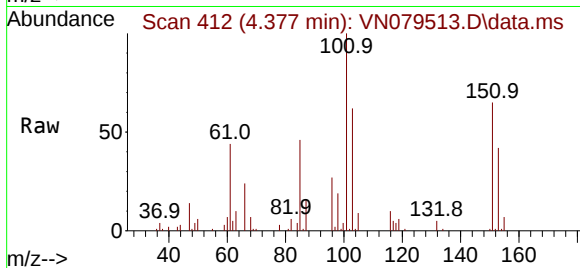
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.079 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01

Tgt Ion:101 Resp: 60929
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 73.5 57.6 86.4

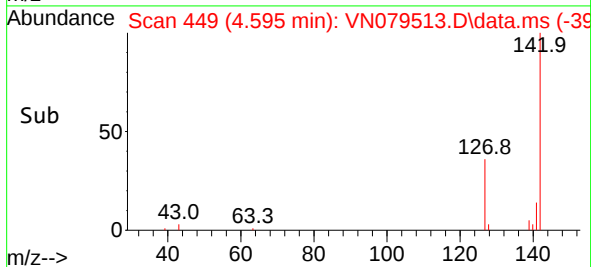
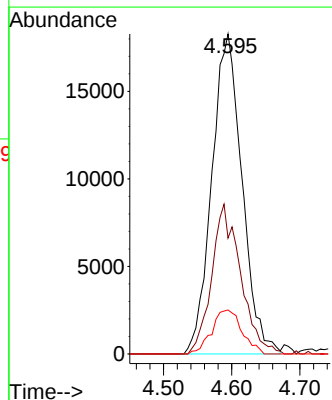
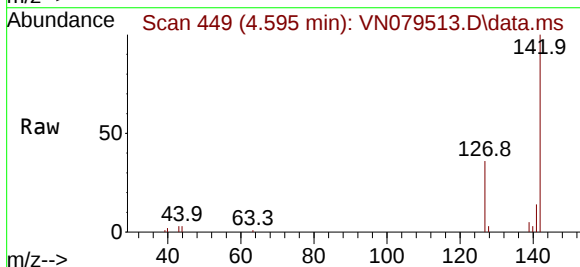
Manual Integrations
APPROVED

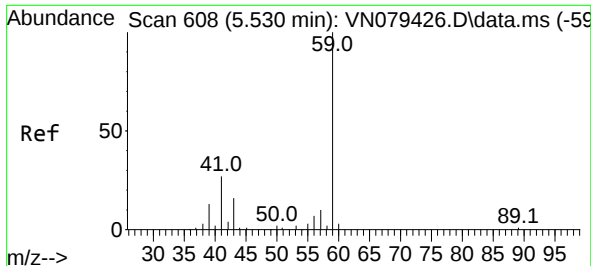
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#10
Methyl Iodide
Concen: 19.278 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

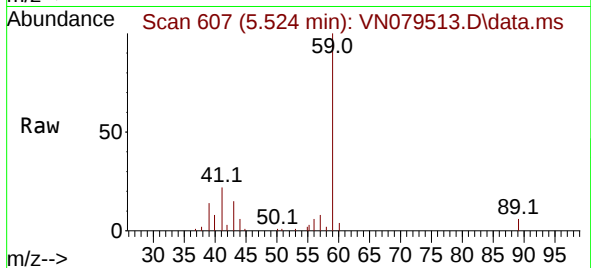
Tgt Ion:142 Resp: 56376
Ion Ratio Lower Upper
142 100
127 36.2 37.6 56.4#
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 83.230 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

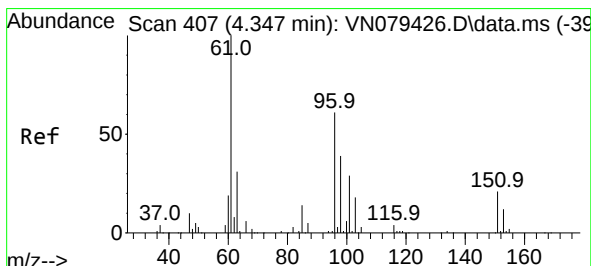
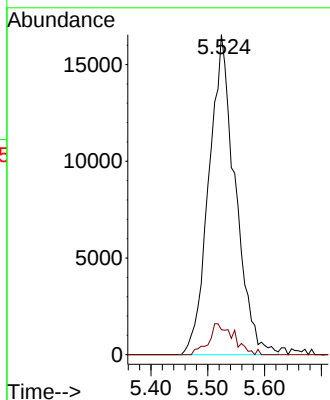
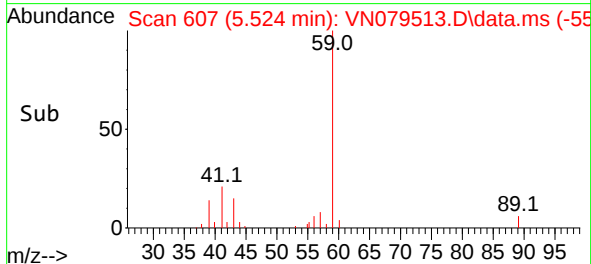
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



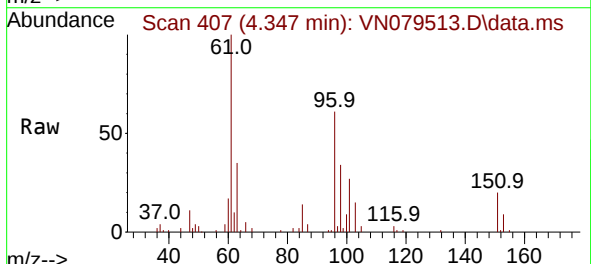
Tgt Ion: 59 Resp: 5334
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.4

Manual Integrations
APPROVED

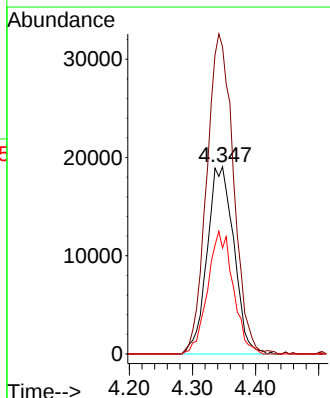
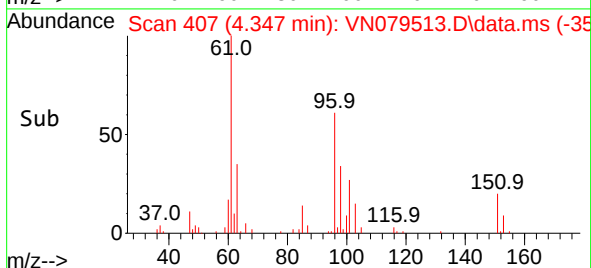
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

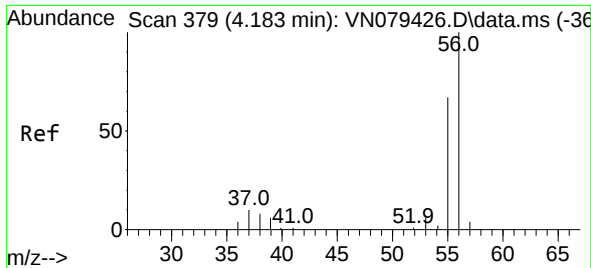


#12
1,1-Dichloroethene
Concen: 18.111 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



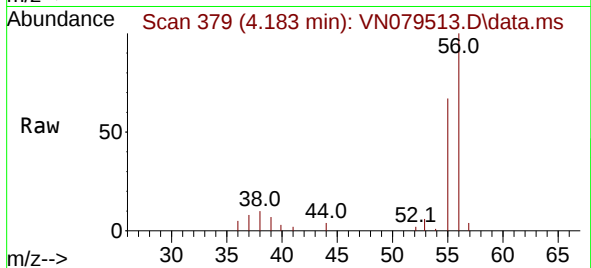
Tgt Ion: 96 Resp: 56198
Ion Ratio Lower Upper
96 100
61 164.0 112.7 169.1
98 56.5 51.2 76.8





#13
Acrolein
Concen: 84.133 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

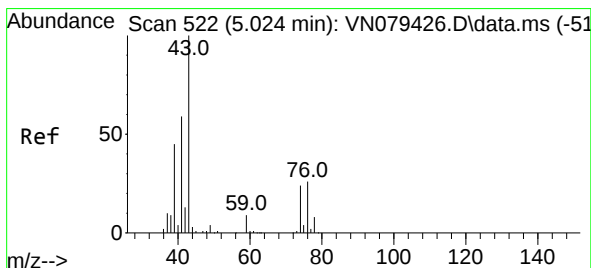
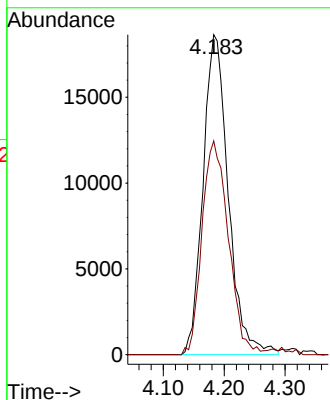
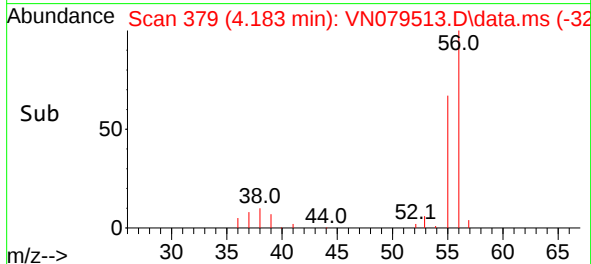
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 56 Resp: 53692
Ion Ratio Lower Upper
56 100
55 69.9 54.5 81.7

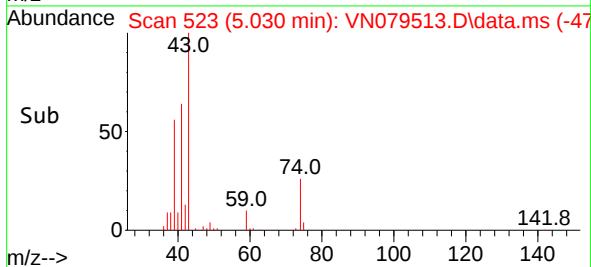
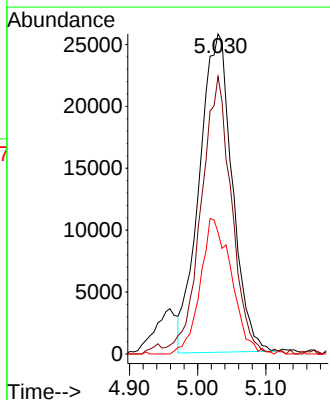
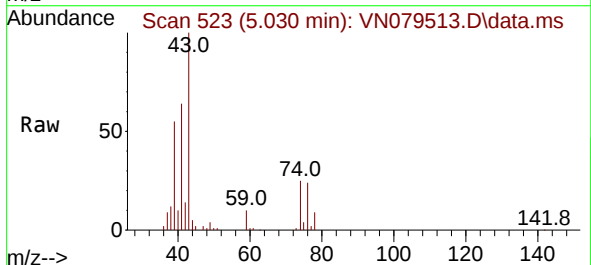
Manual Integrations
APPROVED

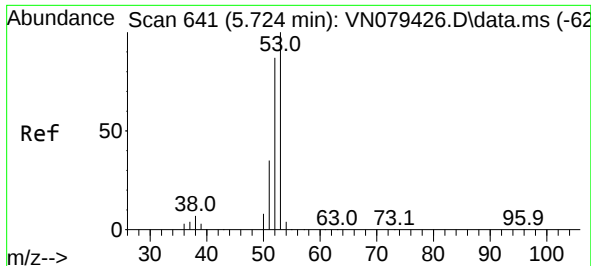
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#14
Allyl chloride
Concen: 17.263 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

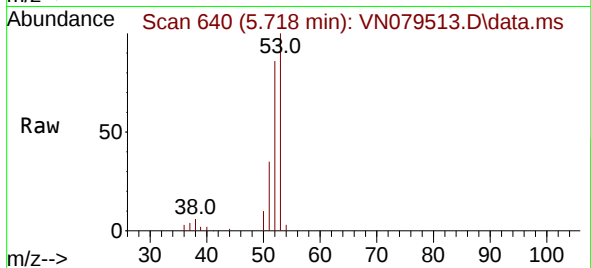
Tgt Ion: 41 Resp: 86444
Ion Ratio Lower Upper
41 100
39 79.1 58.8 88.2
76 40.3 39.1 58.7





#15
Acrylonitrile
Concen: 87.752 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

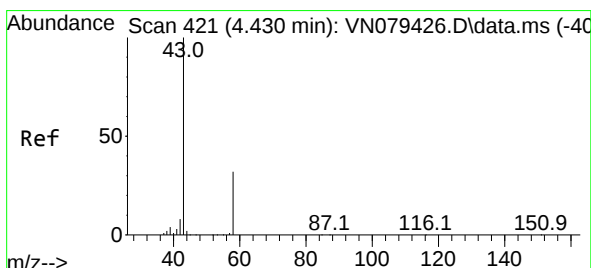
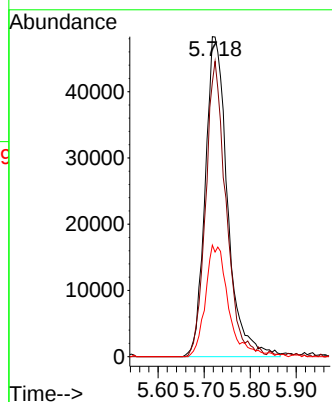
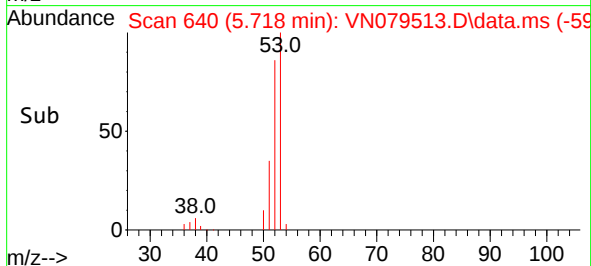
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 53 Resp: 163050
Ion Ratio Lower Upper
53 100
52 84.5 65.3 97.9
51 36.0 28.9 43.3

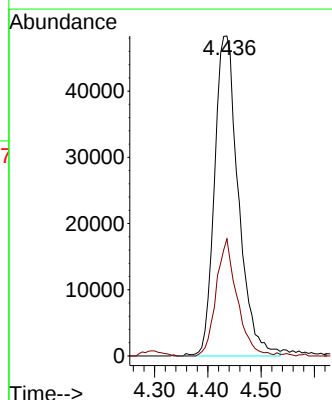
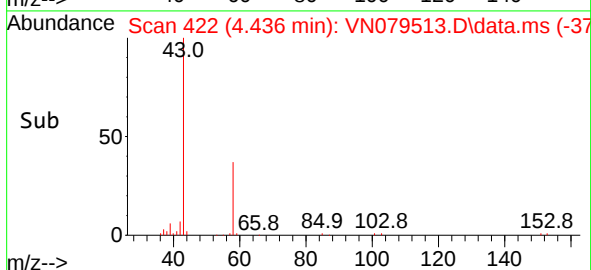
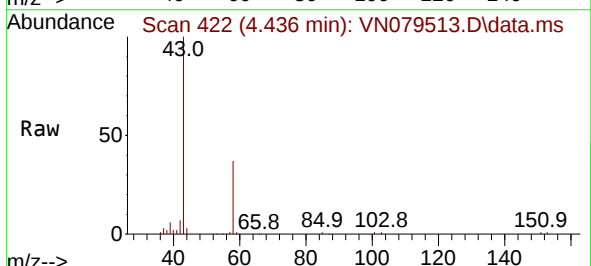
Manual Integrations
APPROVED

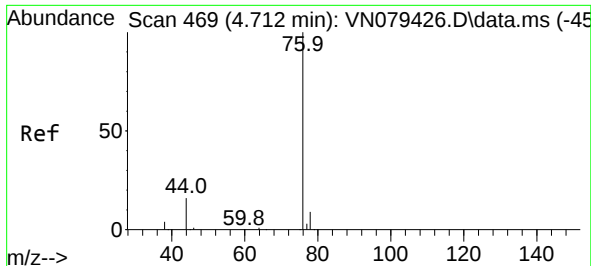
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#16
Acetone
Concen: 89.025 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

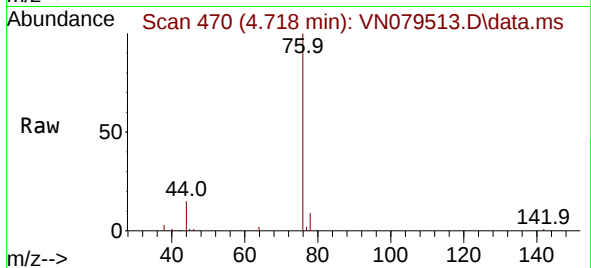
Tgt Ion: 43 Resp: 150365
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0





#17
Carbon Disulfide
Concen: 16.612 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

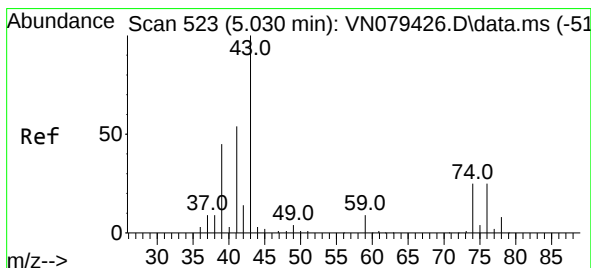
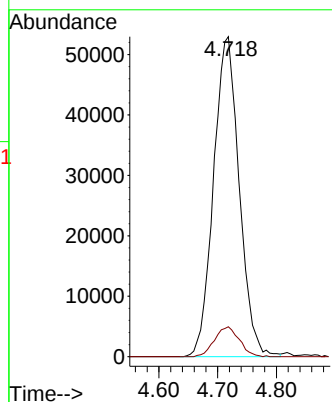
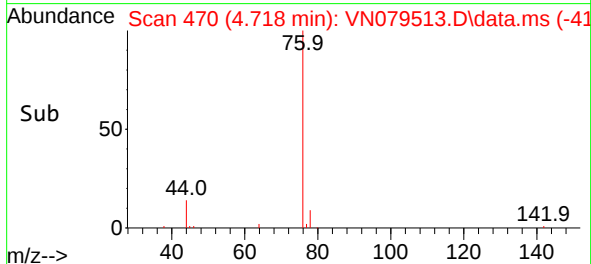
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



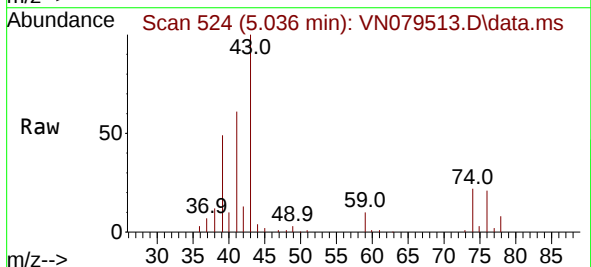
Tgt Ion: 76 Resp: 16078
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

Manual Integrations
APPROVED

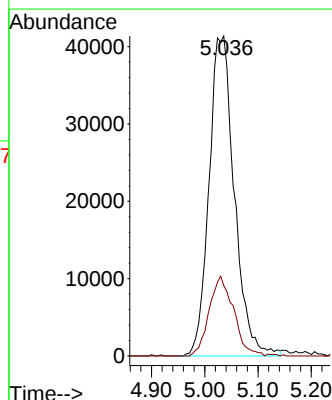
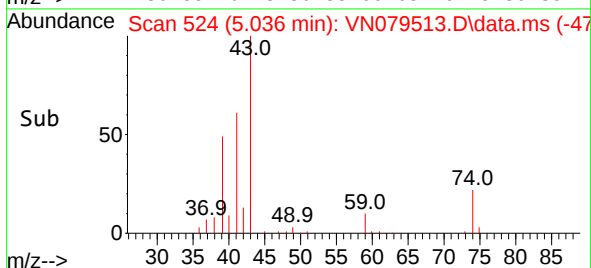
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

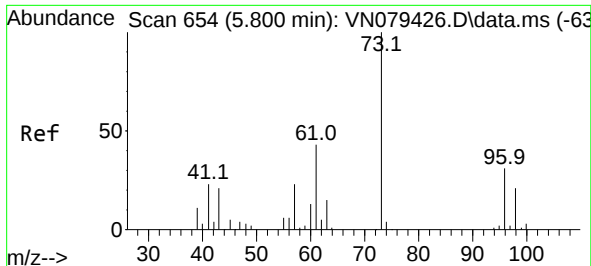


#18
Methyl Acetate
Concen: 16.532 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



Tgt Ion: 43 Resp: 136670
Ion Ratio Lower Upper
43 100
74 24.1 26.2 39.4#





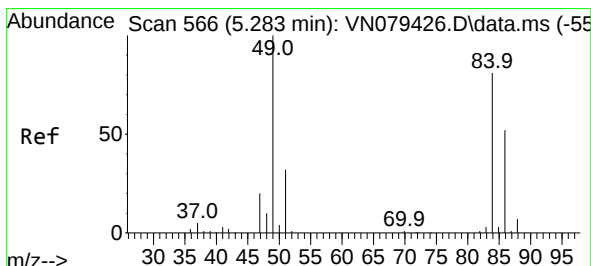
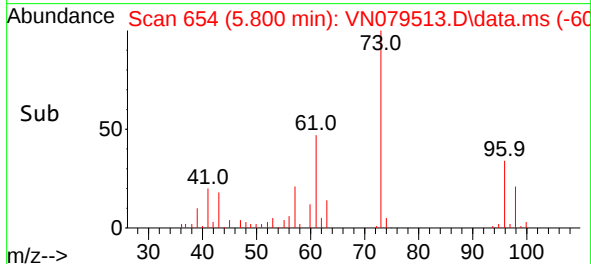
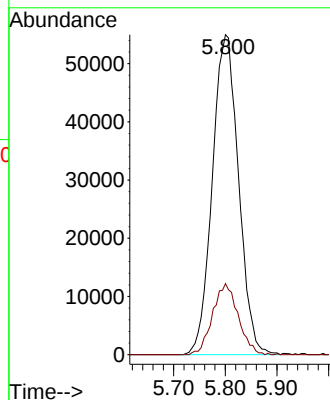
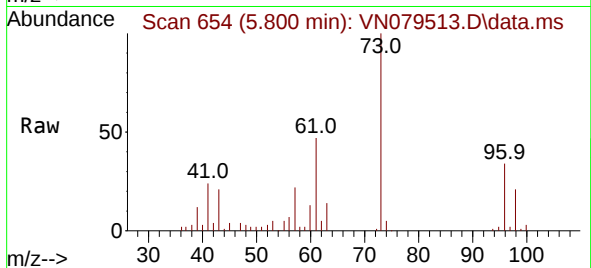
#19
Methyl tert-butyl Ether
Concen: 19.207 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01

Tgt Ion: 73 Resp: 19365
Ion Ratio Lower Upper
73 100
57 22.2 15.6 23.4

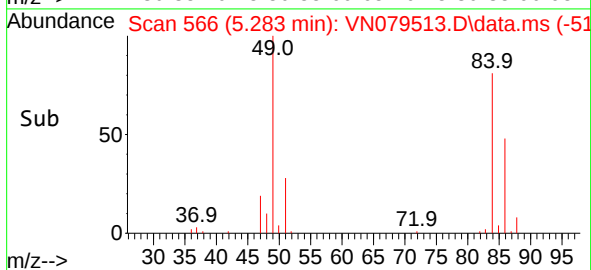
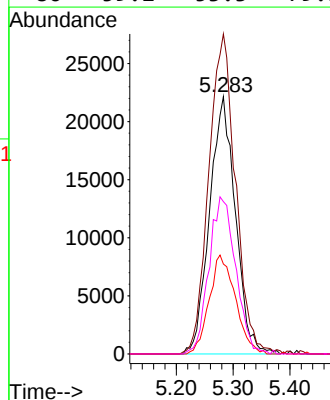
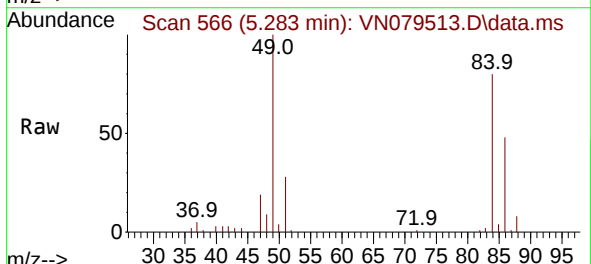
Manual Integrations
APPROVED

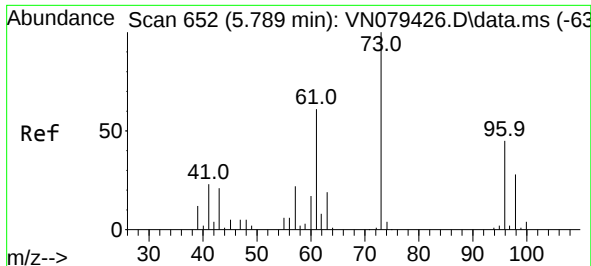
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#20
Methylene Chloride
Concen: 18.557 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

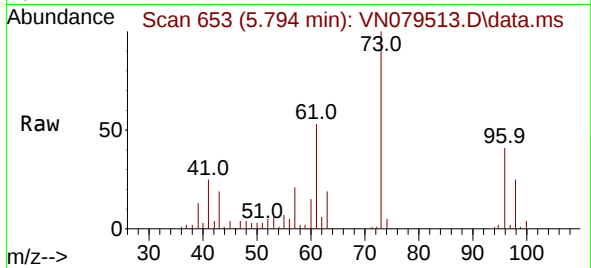
Tgt Ion: 84 Resp: 70035
Ion Ratio Lower Upper
84 100
49 124.3 79.7 119.5#
51 35.0 25.2 37.8
86 59.2 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.637 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

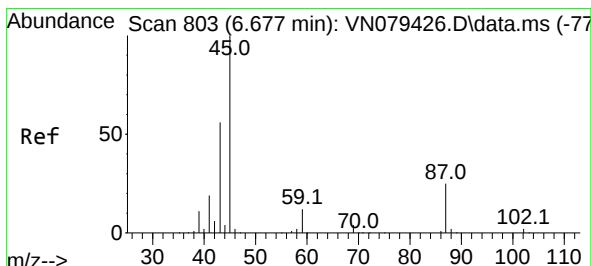
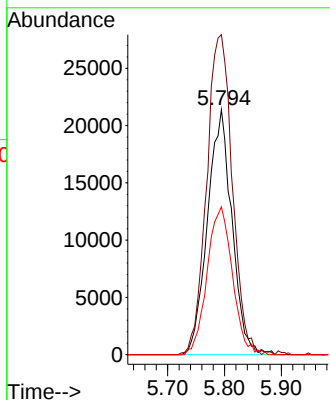
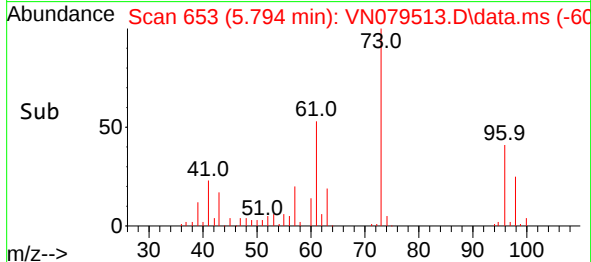
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 96 Resp: 63920
Ion Ratio Lower Upper
96 100
61 130.5 90.1 135.1
98 60.3 46.4 69.6

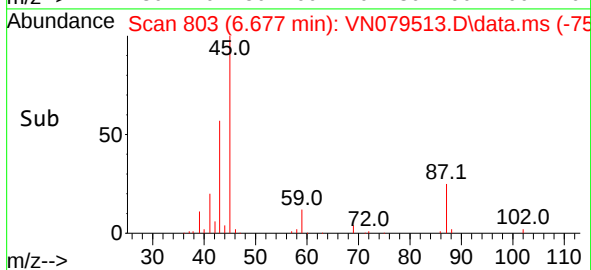
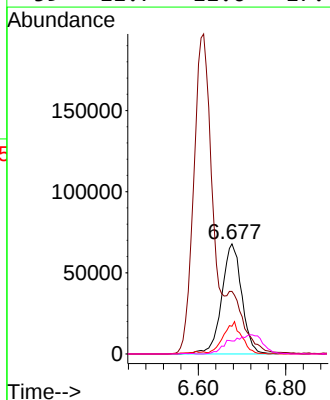
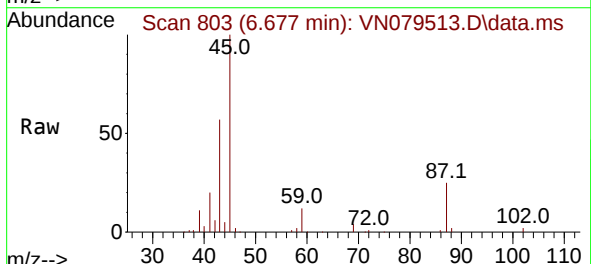
Manual Integrations
APPROVED

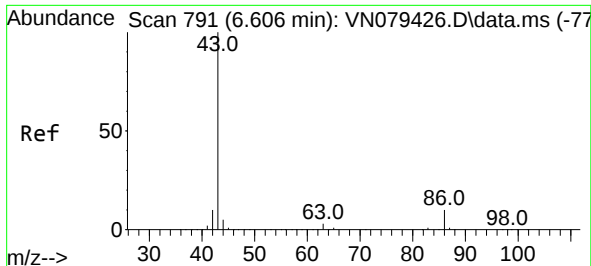
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#22
Diisopropyl ether
Concen: 19.166 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 45 Resp: 215212
Ion Ratio Lower Upper
45 100
43 55.4 45.5 68.3
87 25.2 31.8 47.8#
59 11.7 11.6 17.4





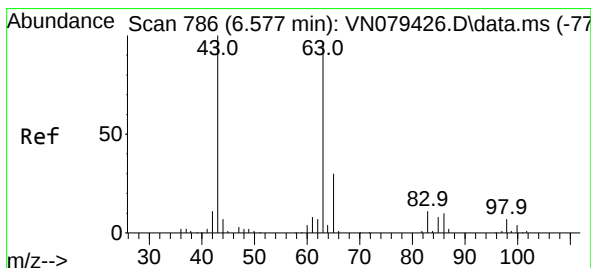
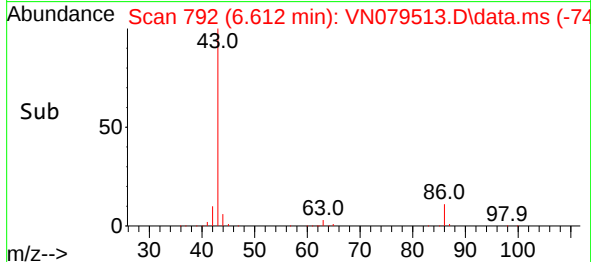
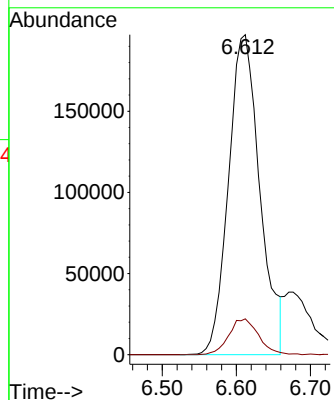
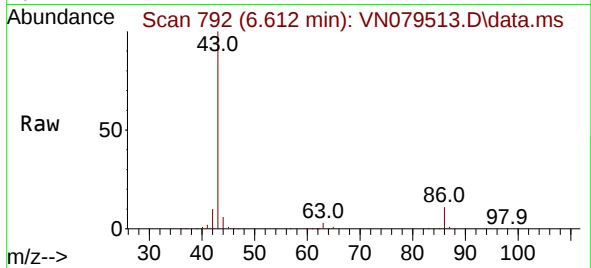
#23
 Vinyl Acetate
 Concen: 91.858 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBSD01

Tgt Ion: 43 Resp: 580189
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6

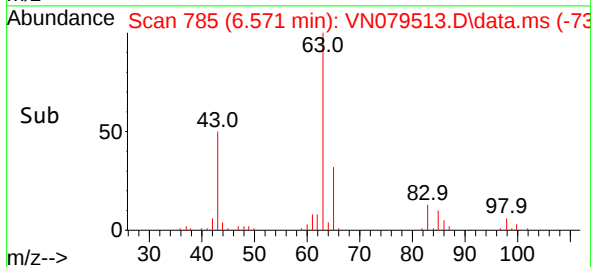
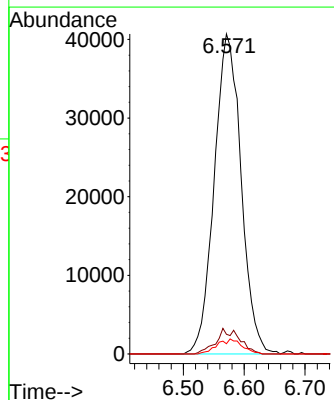
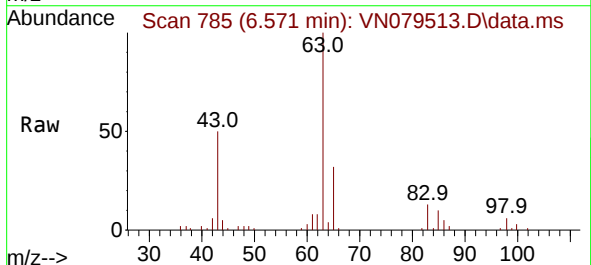
Manual Integrations
 APPROVED

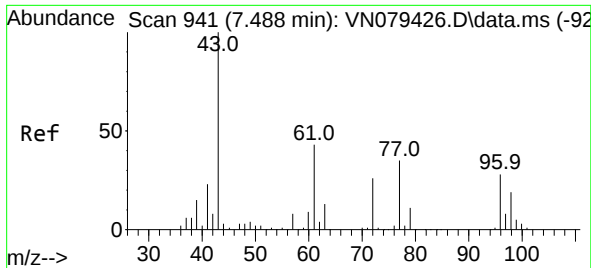
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#24
 1,1-Dichloroethane
 Concen: 18.123 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36

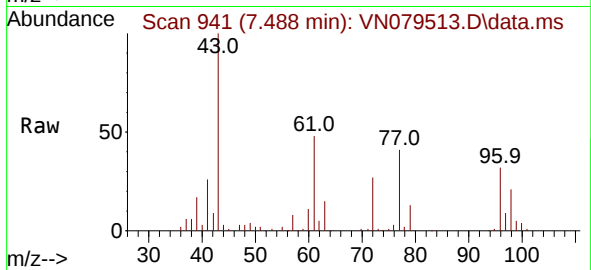
Tgt Ion: 63 Resp: 124544
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 3.2 2.5 7.4





#25
2-Butanone
Concen: 87.215 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

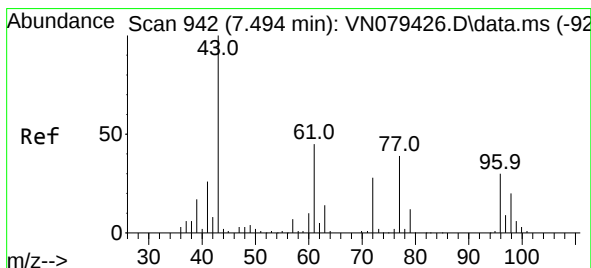
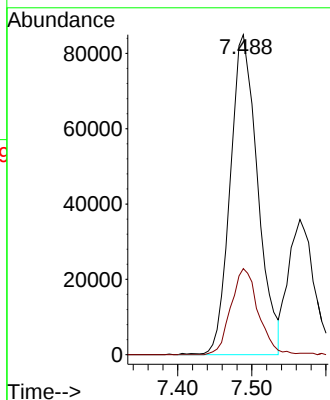
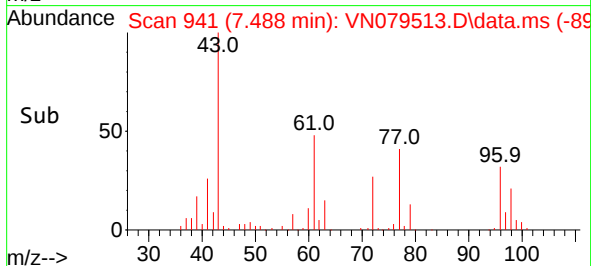
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



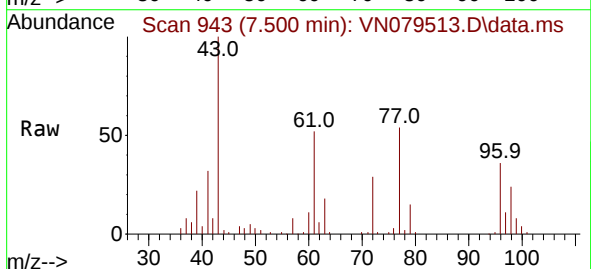
Tgt Ion: 43 Resp: 21863
Ion Ratio Lower Upper
43 100
72 26.9 30.2 45.2

Manual Integrations
APPROVED

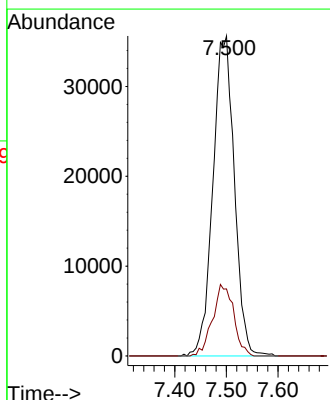
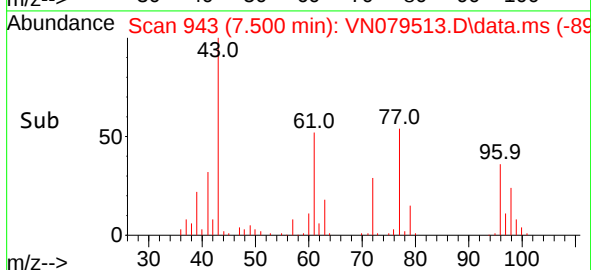
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

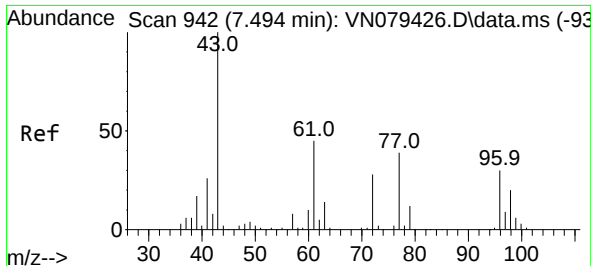


#26
2,2-Dichloropropane
Concen: 19.516 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



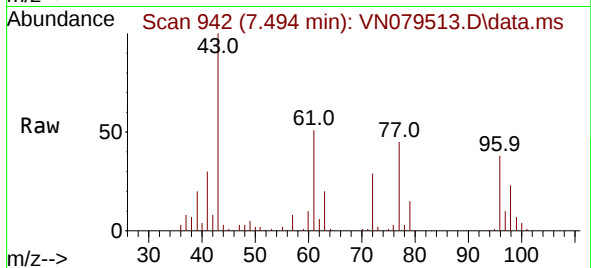
Tgt Ion: 77 Resp: 102493
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.715 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36

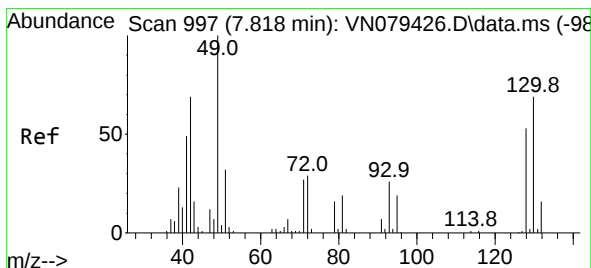
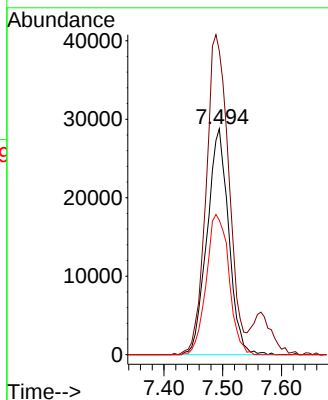
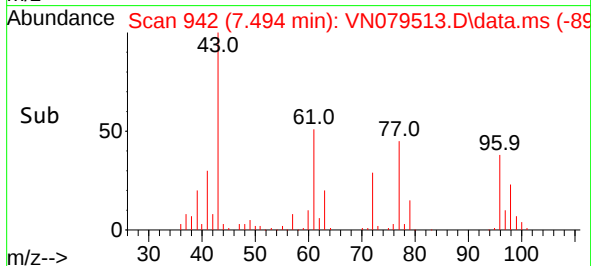
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBSD01



Tgt Ion: 96 Resp: 7368
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 255.2
 98 65.0 0.0 128.8

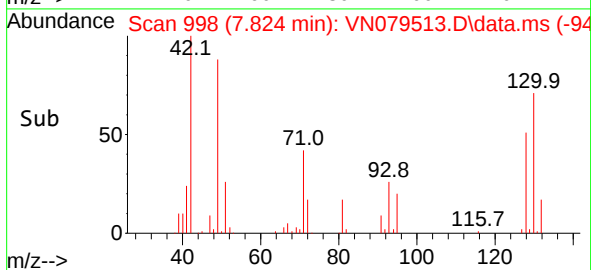
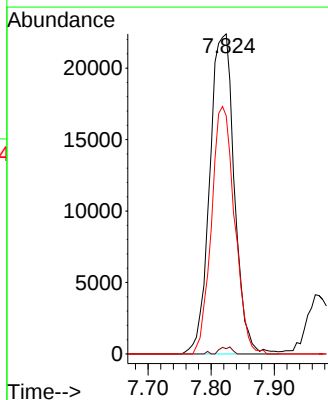
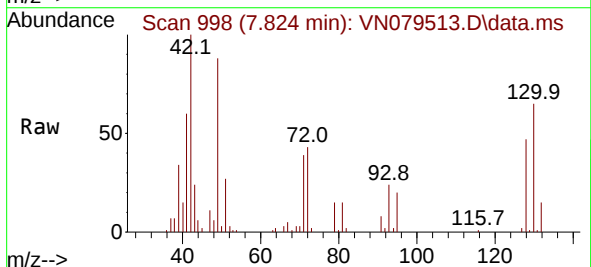
Manual Integrations
 APPROVED

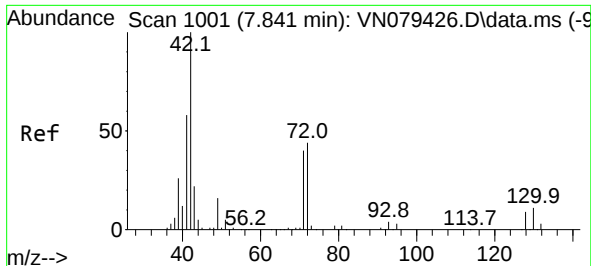
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#28
 Bromochloromethane
 Concen: 18.528 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36

Tgt Ion: 49 Resp: 60581
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.8
 130 72.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 86.288 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

Tgt Ion: 42 Resp: 139899

Ion Ratio Lower Upper

42 100

72 44.7 49.8 74.6

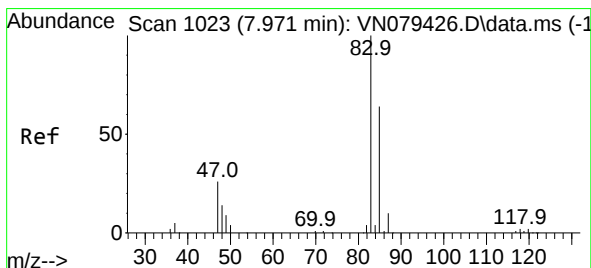
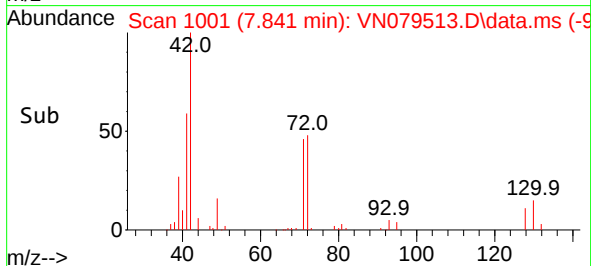
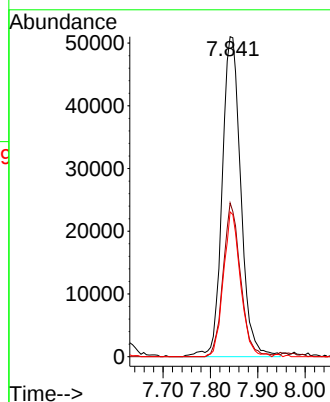
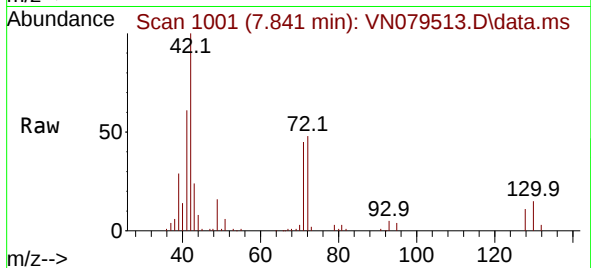
71 41.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#30

Chloroform

Concen: 18.655 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079513.D

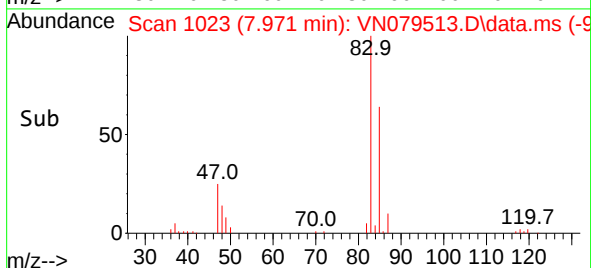
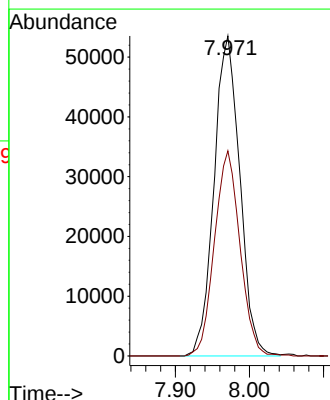
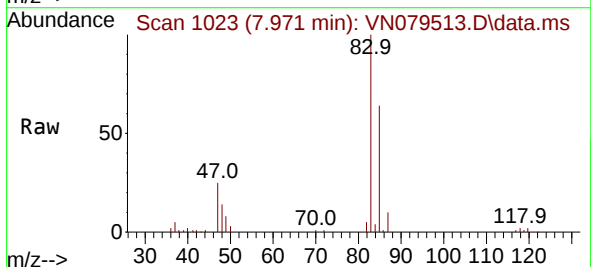
Acq: 11 Oct 2023 13:36

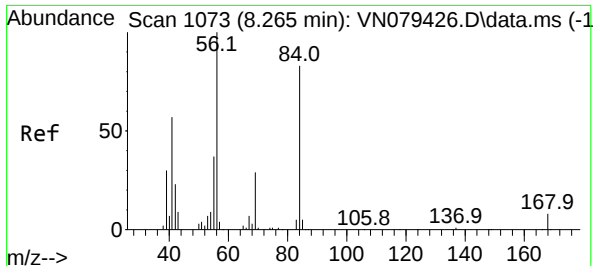
Tgt Ion: 83 Resp: 129527

Ion Ratio Lower Upper

83 100

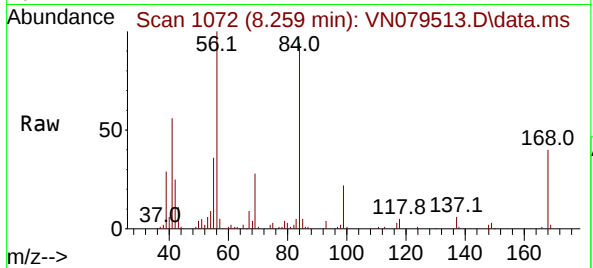
85 64.1 55.4 83.0





#31
Cyclohexane
Concen: 17.384 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

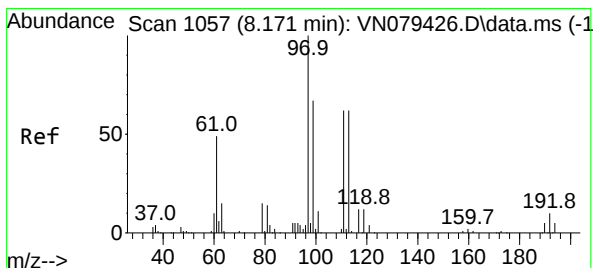
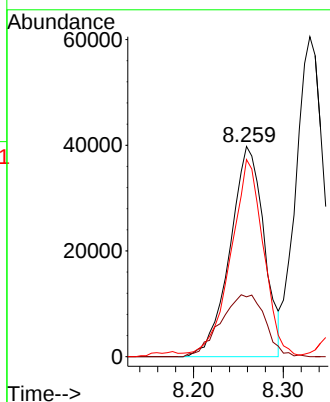
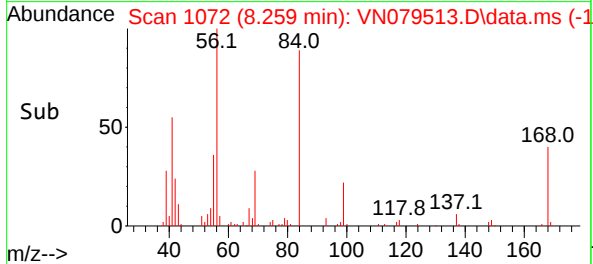
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



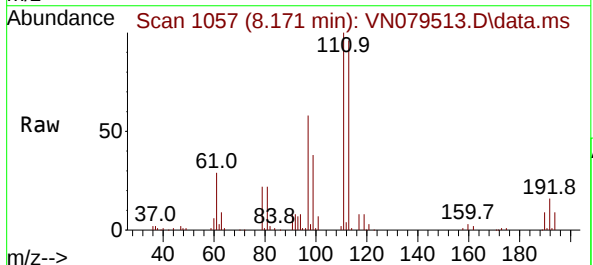
Tgt Ion: 56 Resp: 105008
Ion Ratio Lower Upper
56 100
69 28.5 26.8 40.2
84 92.1 81.8 122.6

Manual Integrations
APPROVED

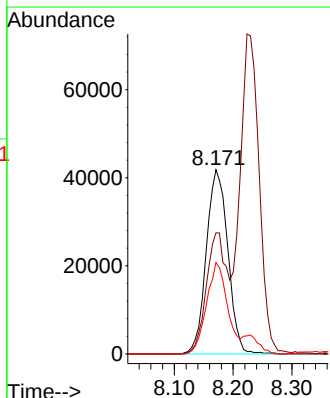
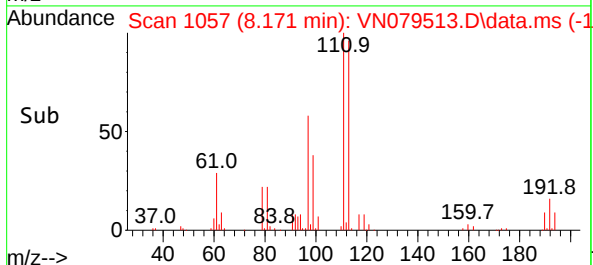
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

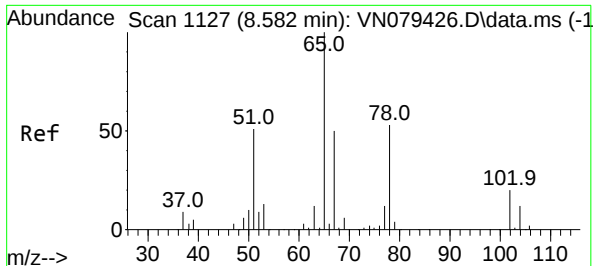


#32
1,1,1-Trichloroethane
Concen: 18.259 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



Tgt Ion: 97 Resp: 106690
Ion Ratio Lower Upper
97 100
99 62.2 50.3 75.5
61 48.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.512 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

Tgt Ion: 65 Resp: 202320

Ion Ratio Lower Upper

65 100

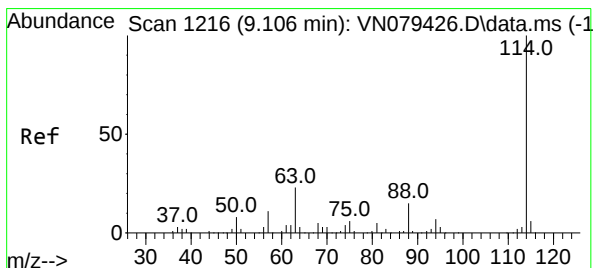
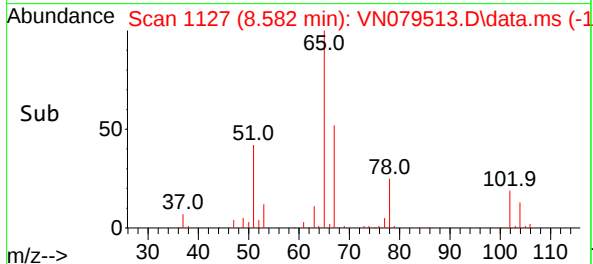
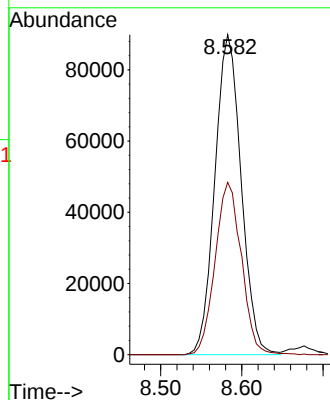
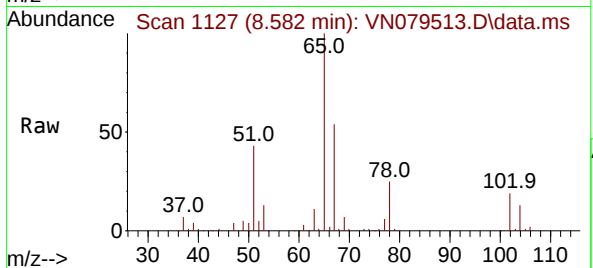
67 53.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

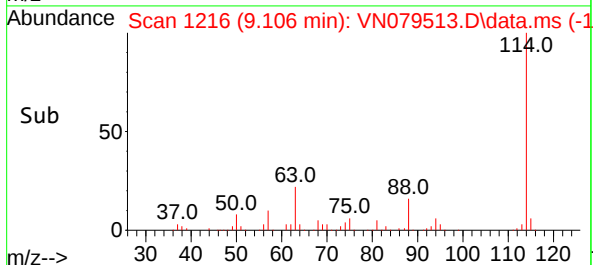
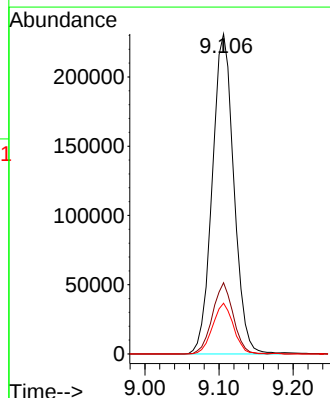
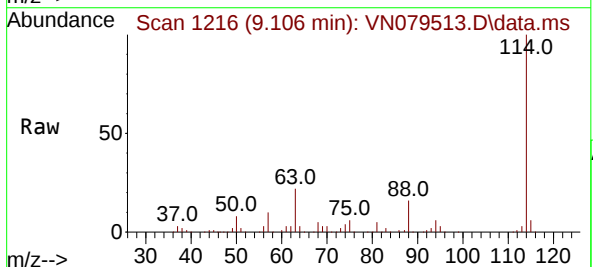
Tgt Ion:114 Resp: 466678

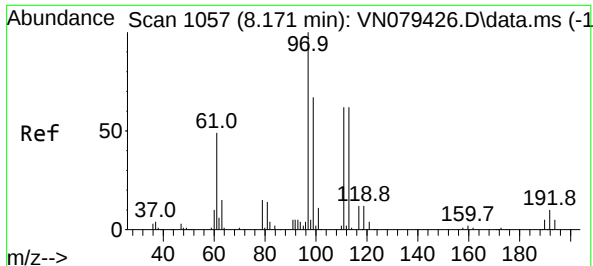
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

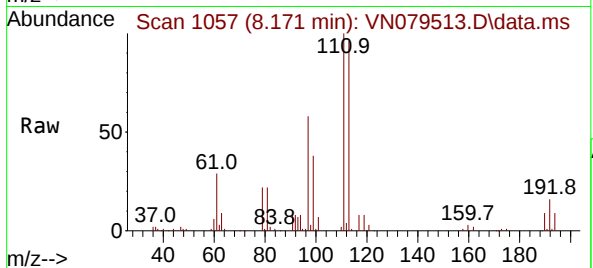
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.624 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

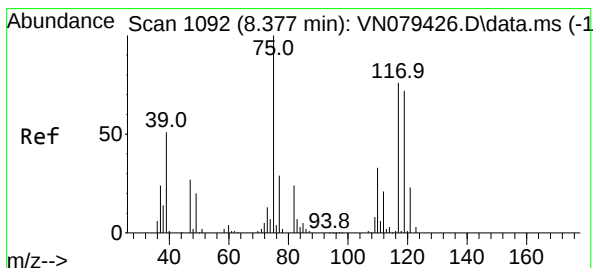
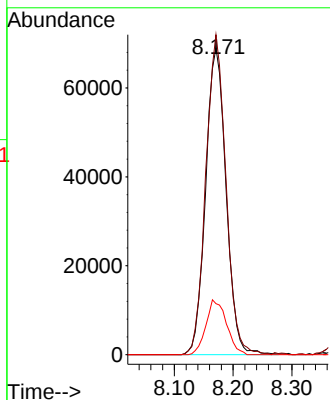
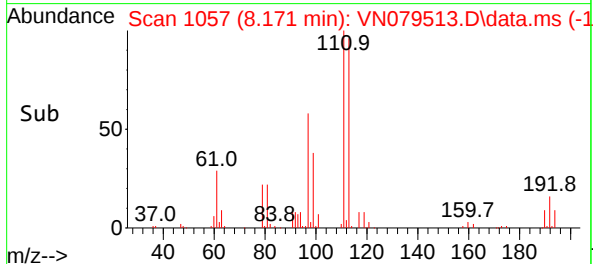
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion:113 Resp: 166420
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 18.0 12.7 19.1

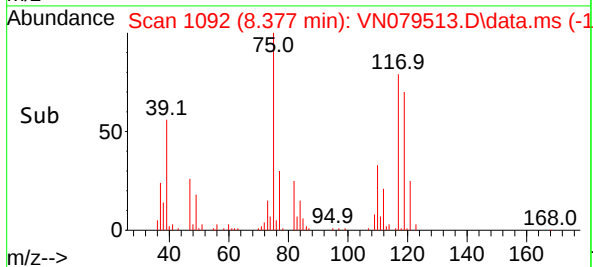
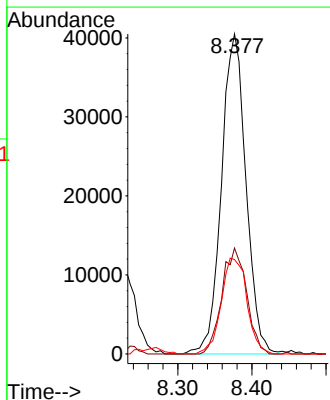
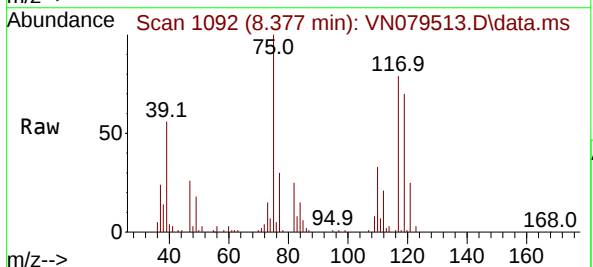
Manual Integrations
APPROVED

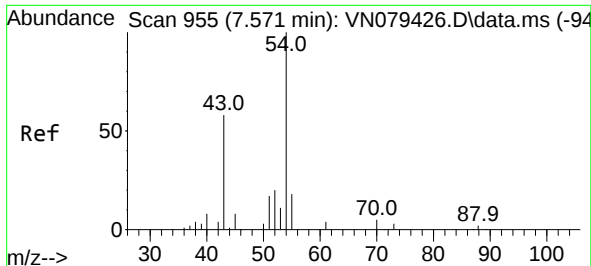
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#36
1,1-Dichloropropene
Concen: 18.481 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 75 Resp: 93022
Ion Ratio Lower Upper
75 100
110 33.3 19.1 57.3
77 31.4 25.0 37.4





#37

Ethyl Acetate

Concen: 17.670 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

Tgt Ion: 43 Resp: 8849

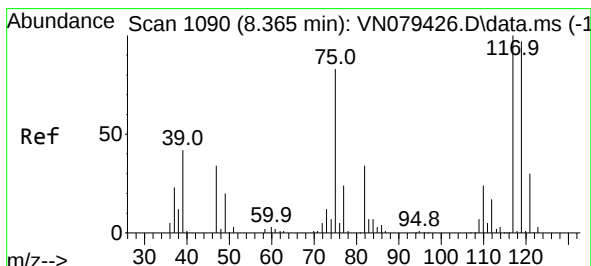
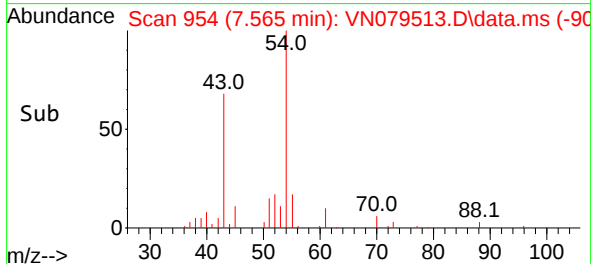
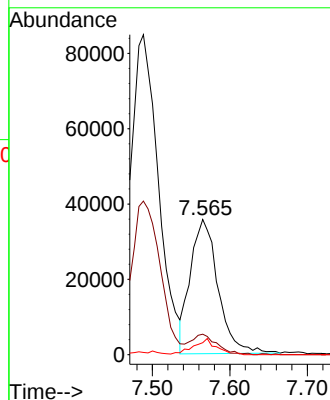
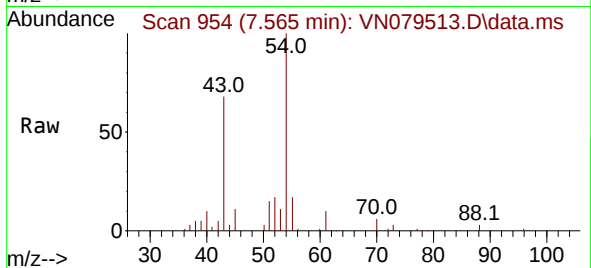
Ion	Ratio	Lower	Upper
43	100		
61	14.1	13.2	19.8
70	9.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#38

Carbon Tetrachloride

Concen: 18.148 ug/l

RT: 8.365 min Scan# 1090

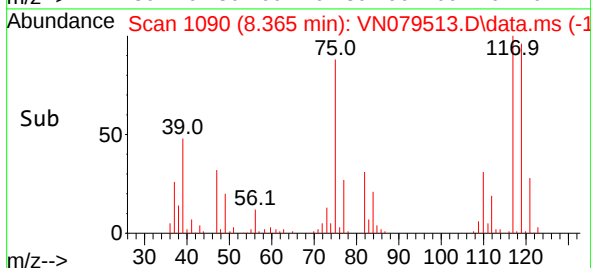
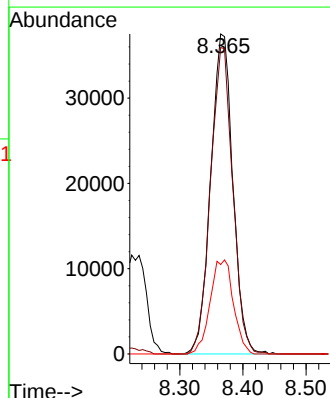
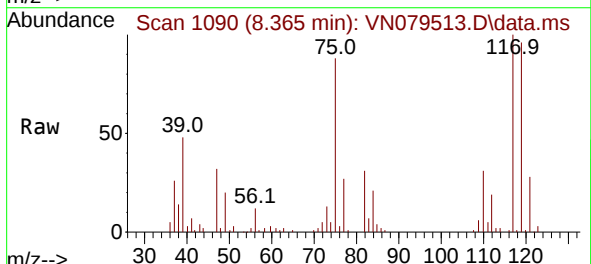
Delta R.T. -0.000 min

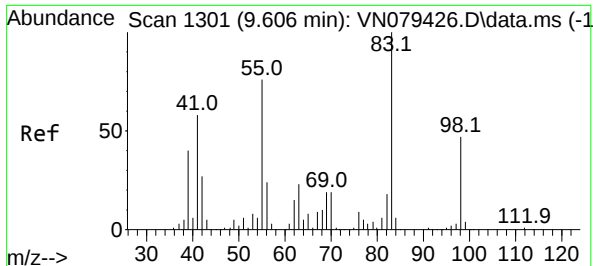
Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Tgt Ion:117 Resp: 91448

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.3	115.9
121	27.9	23.3	34.9





#39

Methylcyclohexane

Concen: 18.333 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

Tgt Ion: 83 Resp: 88658

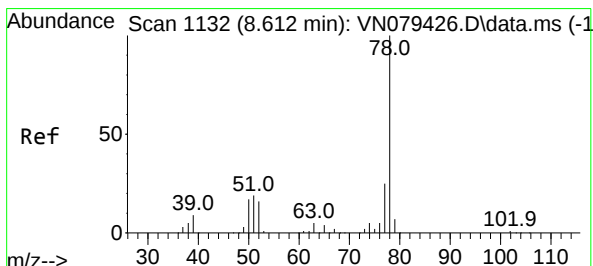
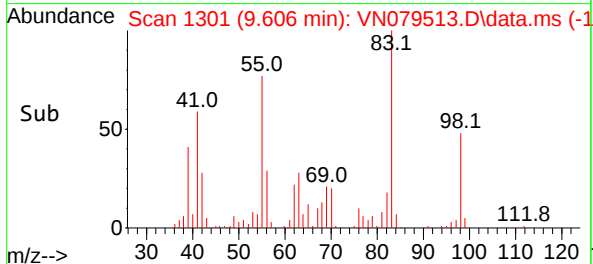
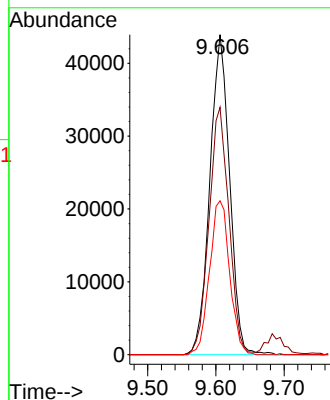
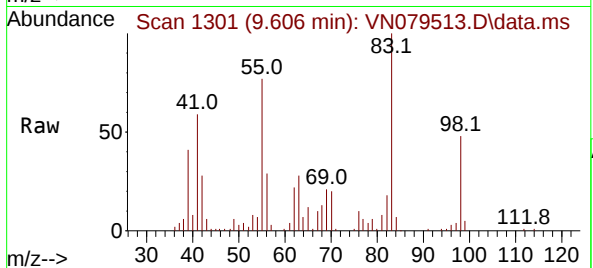
Ion	Ratio	Lower	Upper
83	100		
55	77.3	49.1	73.7
98	48.1	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#40

Benzene

Concen: 18.973 ug/l

RT: 8.612 min Scan# 1132

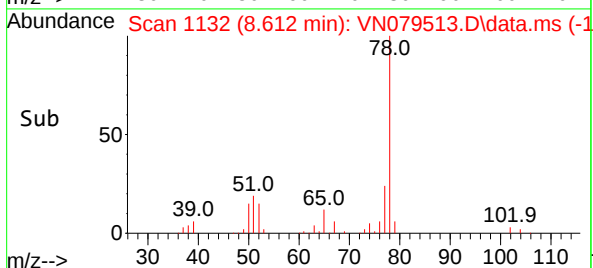
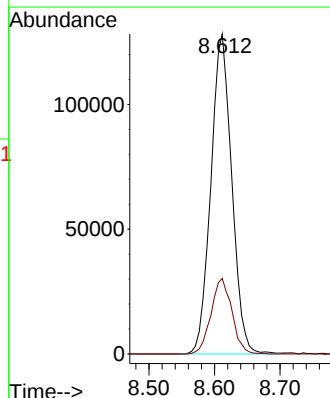
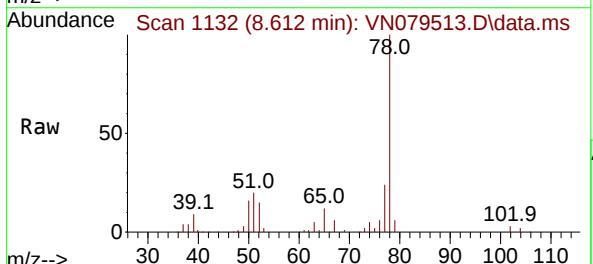
Delta R.T. -0.000 min

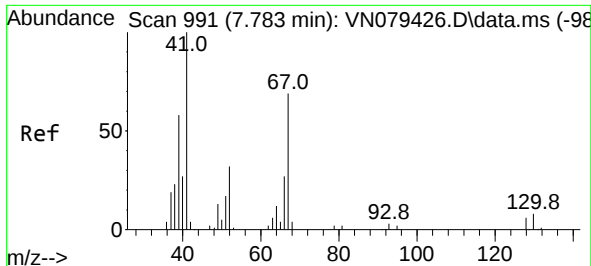
Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Tgt Ion: 78 Resp: 283619

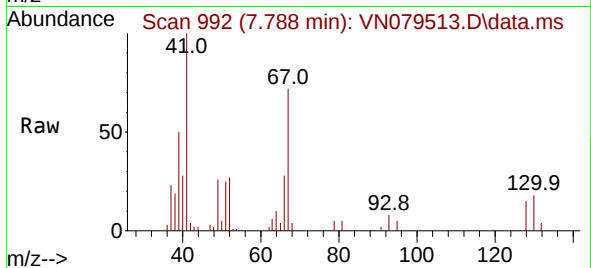
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 18.181 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

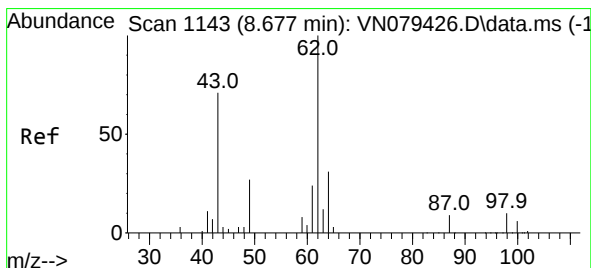
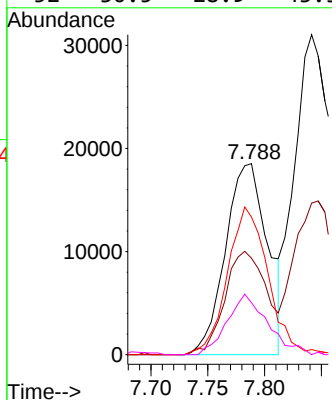
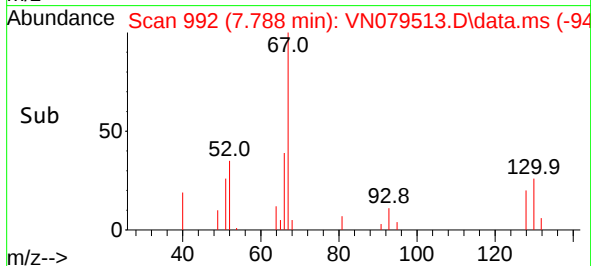
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 41 Resp: 47872
Ion Ratio Lower Upper
41 100
39 53.9 42.6 64.0
67 74.5 77.5 116.3
52 30.5 28.9 43.3

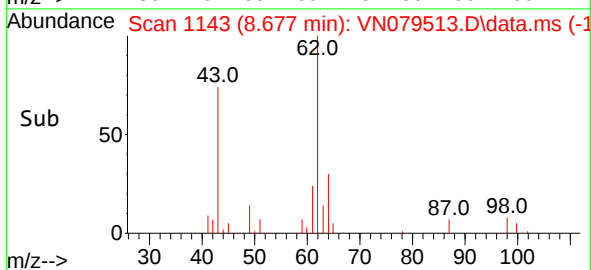
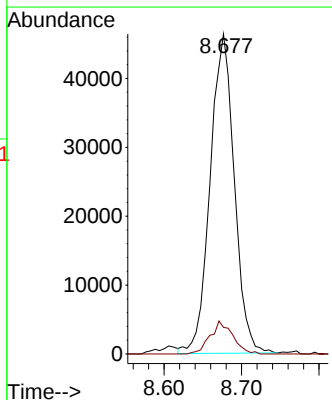
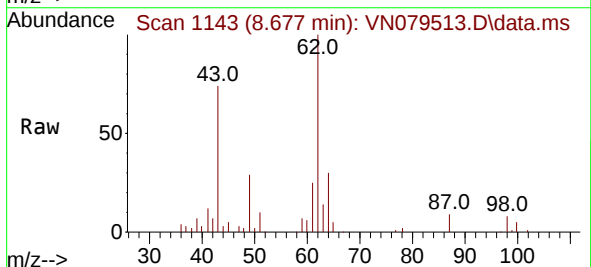
Manual Integrations
APPROVED

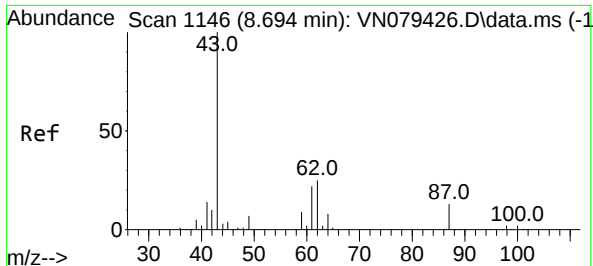
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#42
1,2-Dichloroethane
Concen: 18.489 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

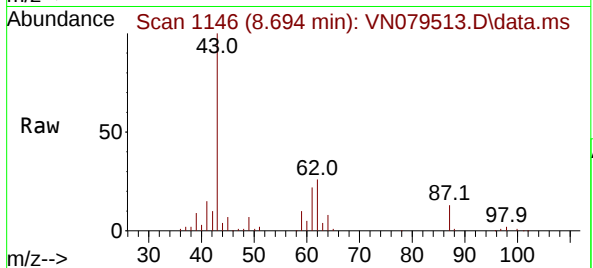
Tgt Ion: 62 Resp: 100425
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.462 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

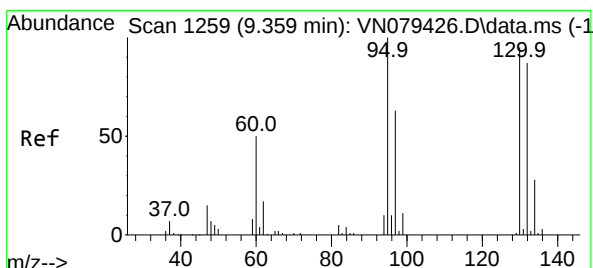
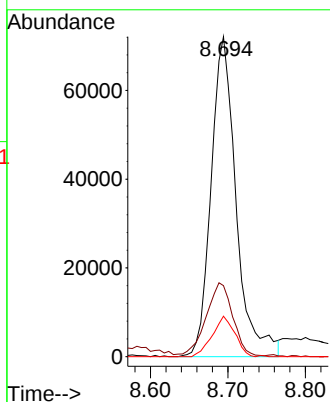
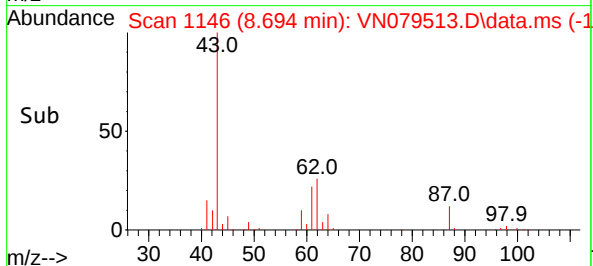
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 43 Resp: 16199
Ion Ratio Lower Upper
43 100
61 24.2 24.7 37.1
87 11.4 14.6 21.8

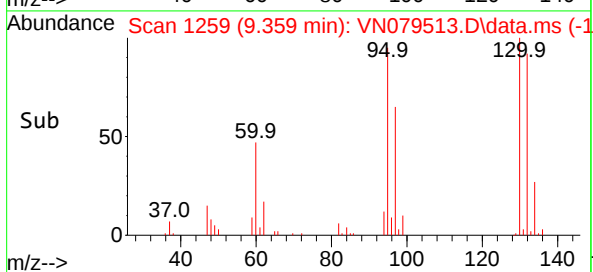
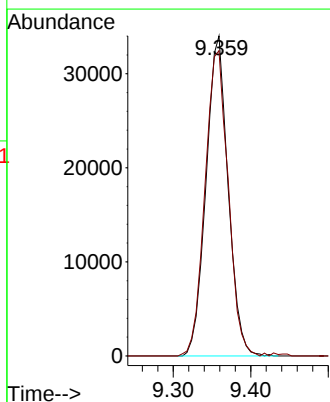
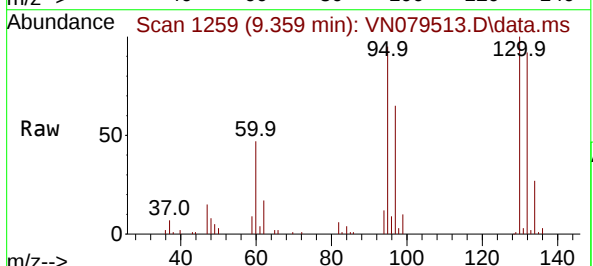
Manual Integrations
APPROVED

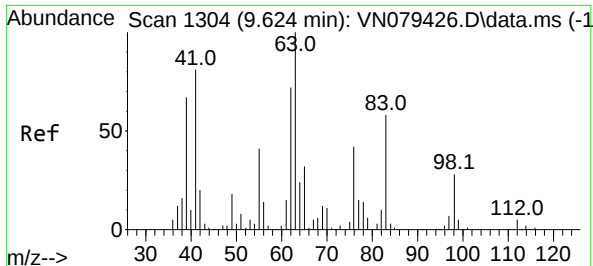
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#44
Trichloroethene
Concen: 19.106 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion:130 Resp: 67221
Ion Ratio Lower Upper
130 100
95 95.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.008 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

Tgt Ion: 63 Resp: 7486

Ion Ratio Lower Upper

63 100

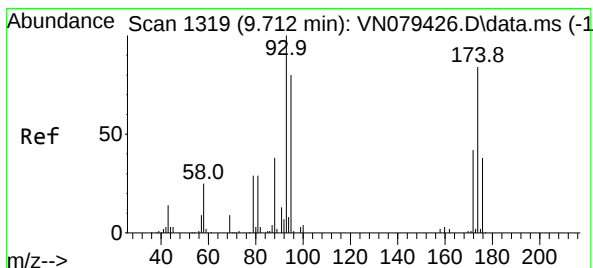
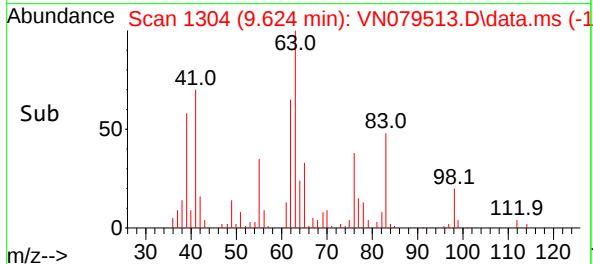
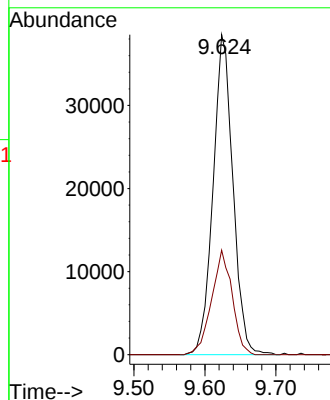
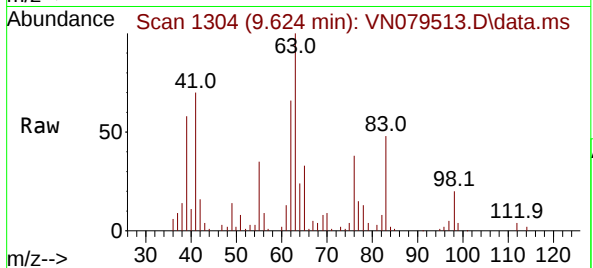
65 32.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#46

Dibromomethane

Concen: 19.270 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

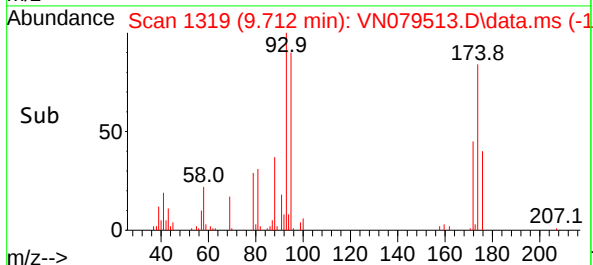
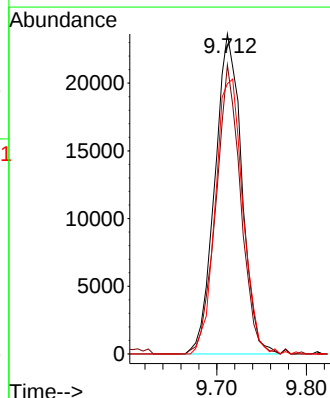
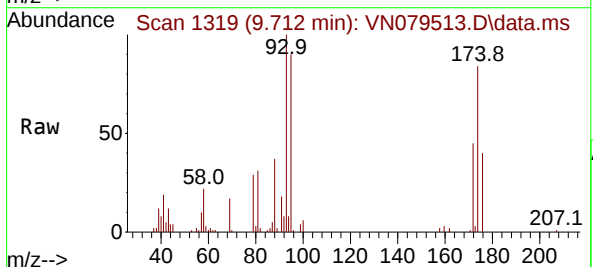
Tgt Ion: 93 Resp: 49155

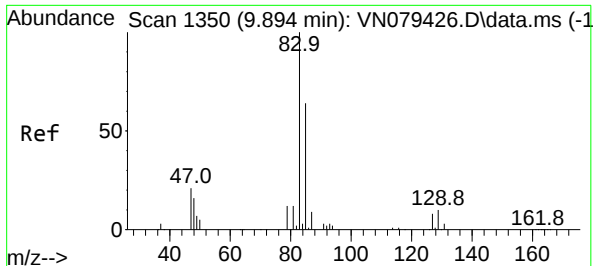
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

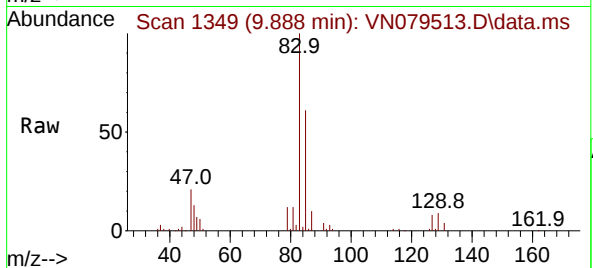
174 88.2 65.6 98.4





#47
Bromodichloromethane
Concen: 18.926 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

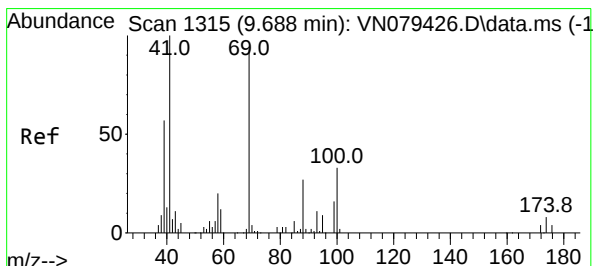
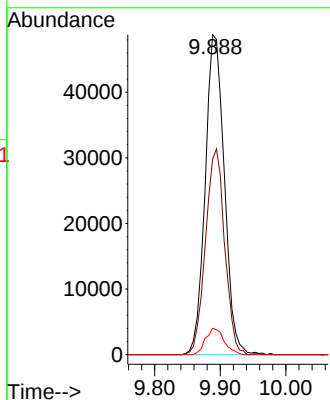
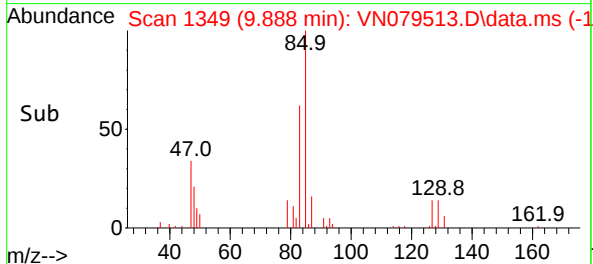
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 83 Resp: 99308
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 8.3 7.0 10.6

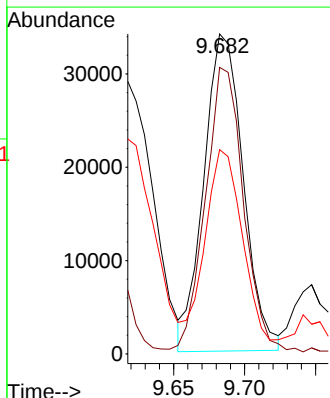
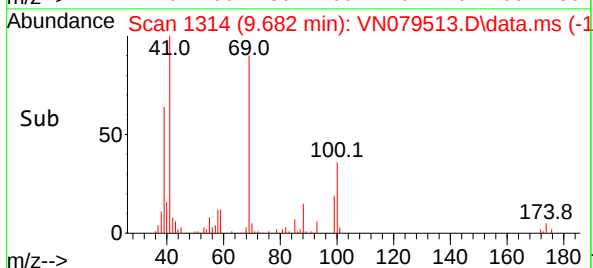
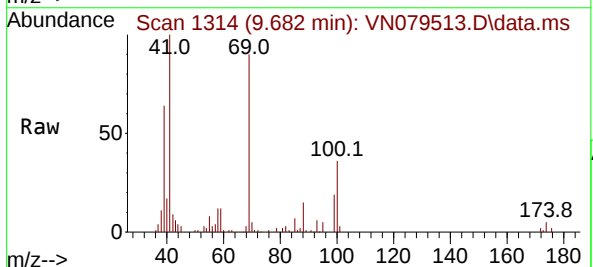
Manual Integrations
APPROVED

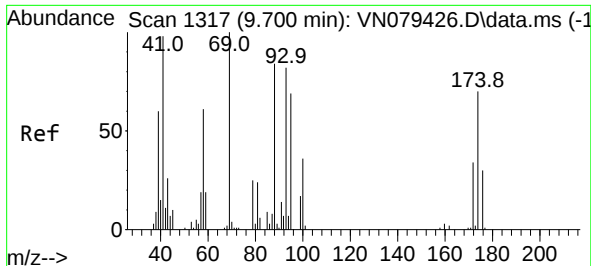
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#48
Methyl methacrylate
Concen: 17.411 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 41 Resp: 65465
Ion Ratio Lower Upper
41 100
69 87.3 90.4 135.6#
39 64.0 54.6 81.8





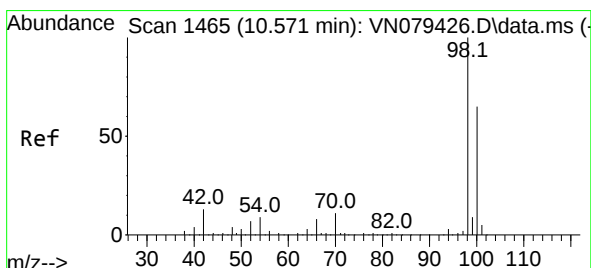
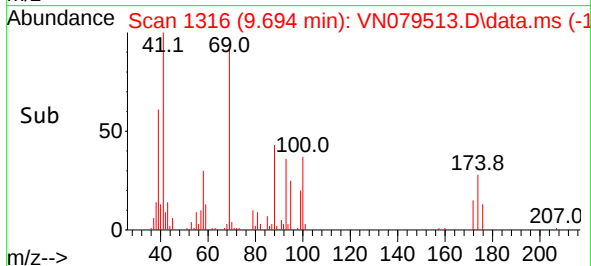
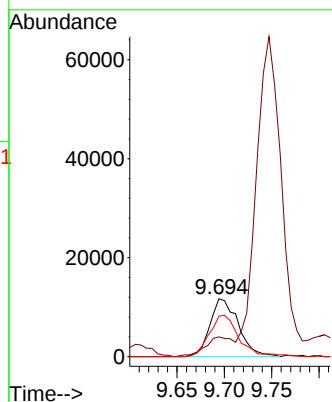
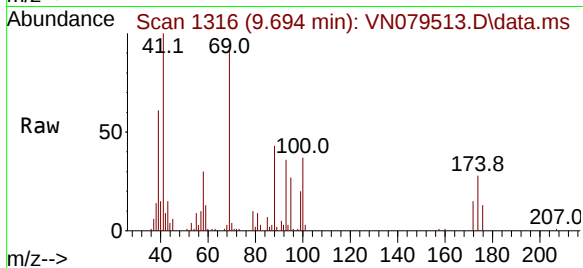
#49
1,4-Dioxane
Concen: 353.628 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01

Tgt Ion: 88 Resp: 24492
Ion Ratio Lower Upper
88 100
43 33.8 17.0 25.6
58 74.6 47.0 70.4

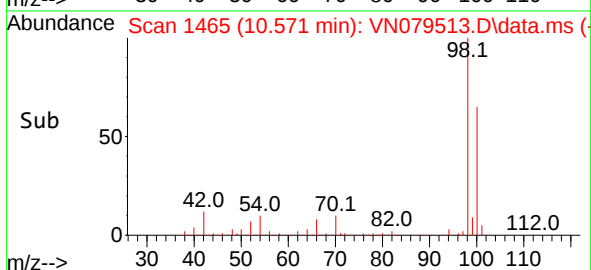
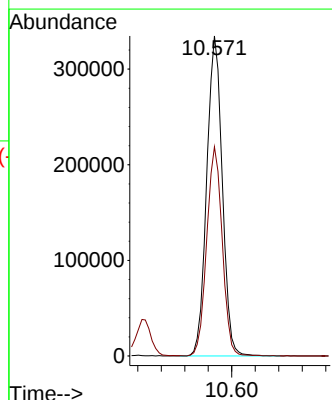
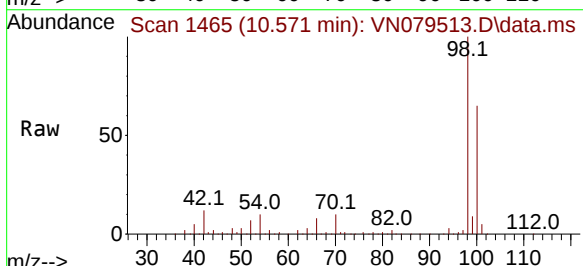
Manual Integrations
APPROVED

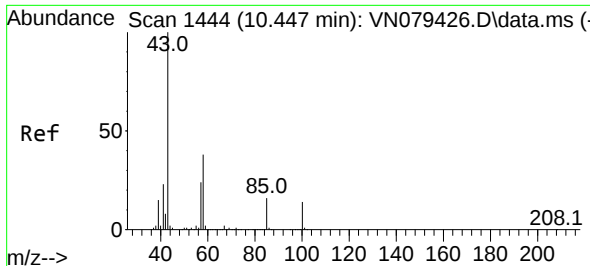
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#50
Toluene-d8
Concen: 50.600 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

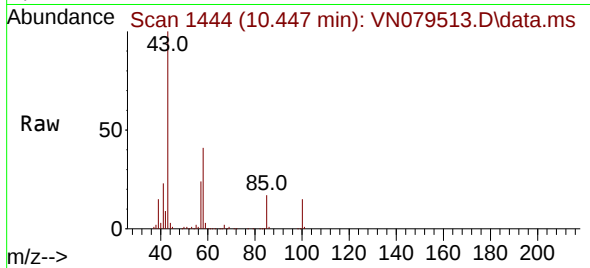
Tgt Ion: 98 Resp: 614015
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 89.921 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

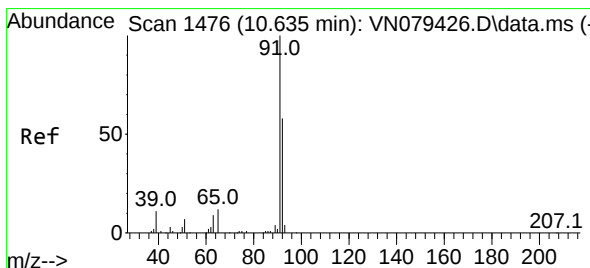
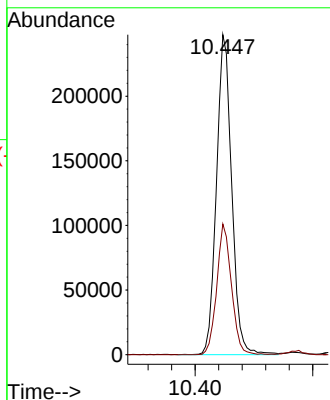
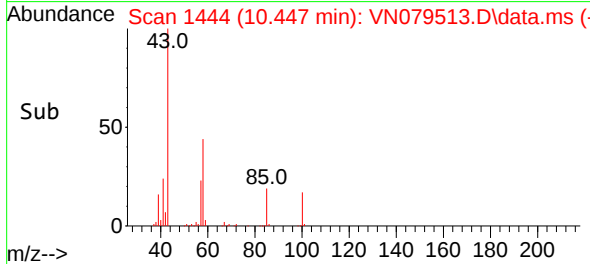
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



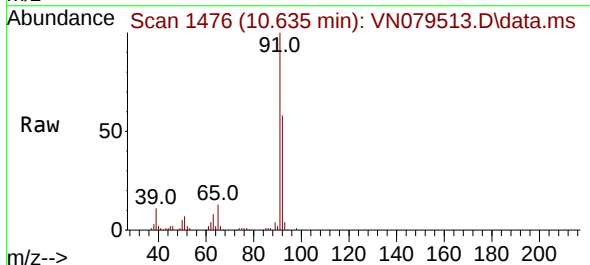
Tgt Ion: 43 Resp: 445409
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8

Manual Integrations
APPROVED

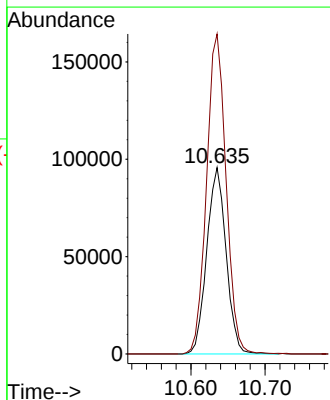
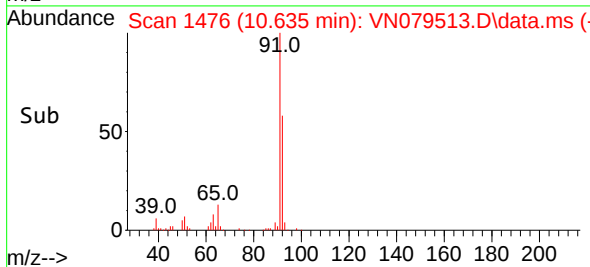
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

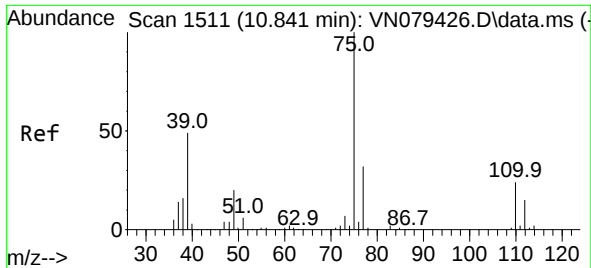


#52
Toluene
Concen: 19.723 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



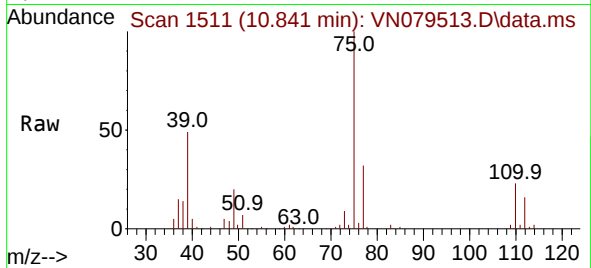
Tgt Ion: 92 Resp: 173547
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.588 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36

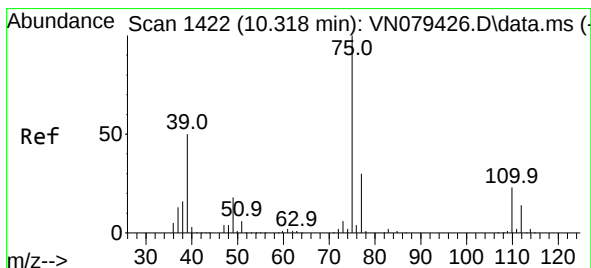
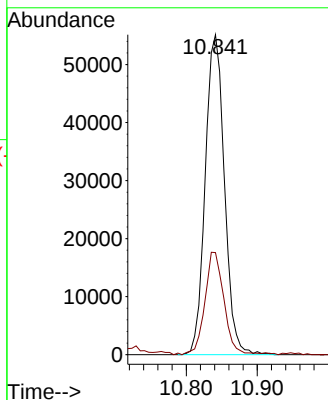
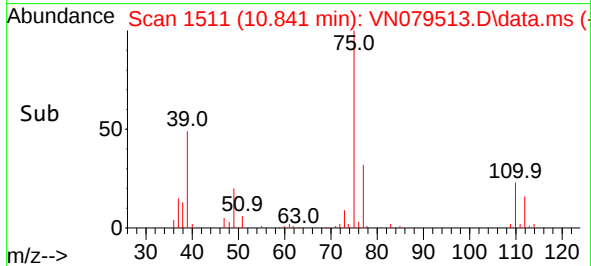
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBSD01



Tgt Ion: 75 Resp: 103578
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0

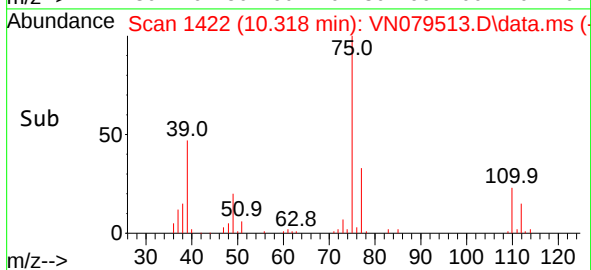
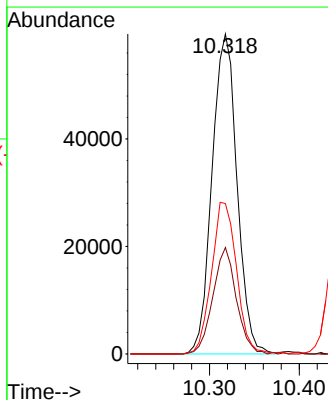
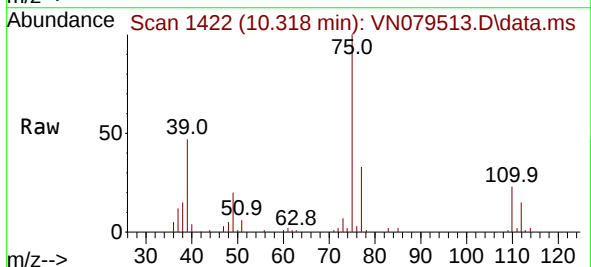
Manual Integrations
 APPROVED

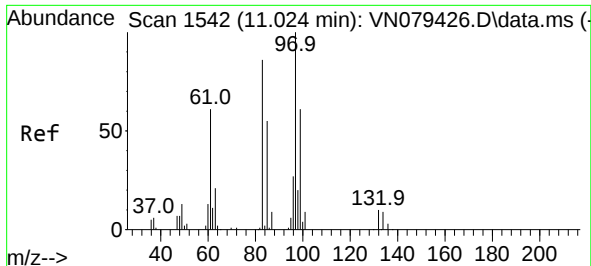
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.859 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36

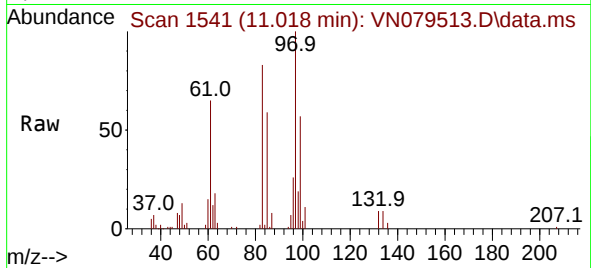
Tgt Ion: 75 Resp: 114957
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.1 39.1
 39 47.0 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 19.325 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

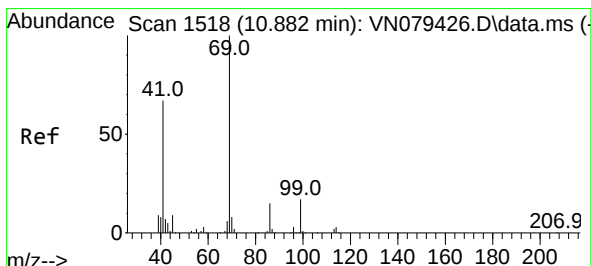
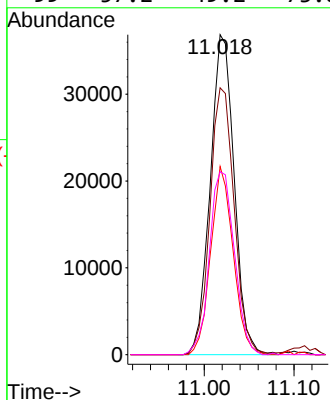
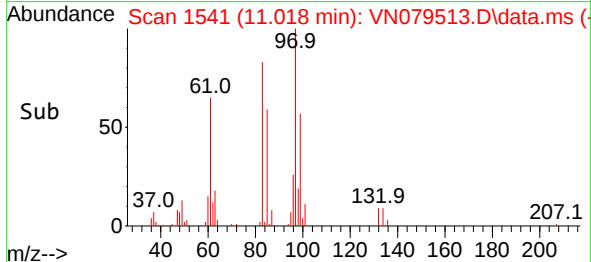
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



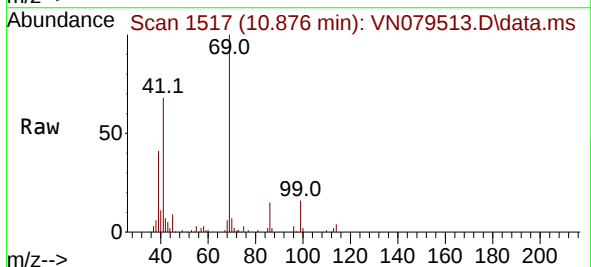
Tgt Ion:	97	Resp:	6826
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.1	97.7
85	58.8	43.4	65.2
99	57.2	49.2	73.8

Manual Integrations
APPROVED

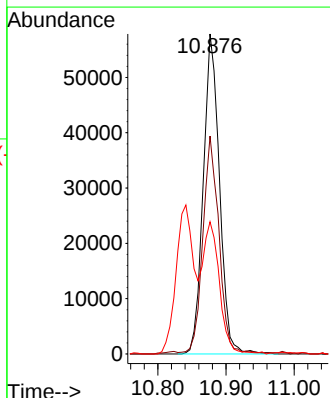
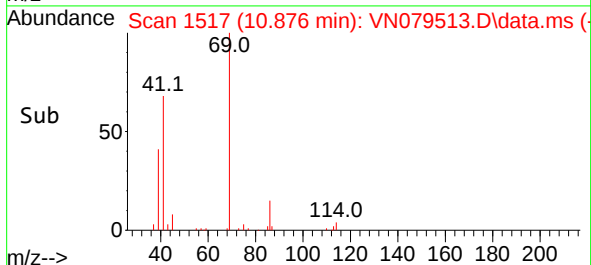
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

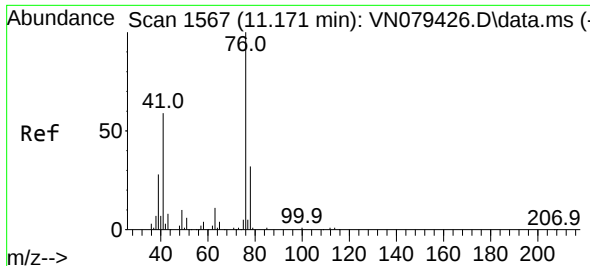


#56
Ethyl methacrylate
Concen: 19.738 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



Tgt Ion:	69	Resp:	95813
Ion	Ratio	Lower	Upper
69	100		
41	66.3	39.6	59.4
39	42.4	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.372 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

Tgt Ion: 76 Resp: 118169

Ion Ratio Lower Upper

76 100

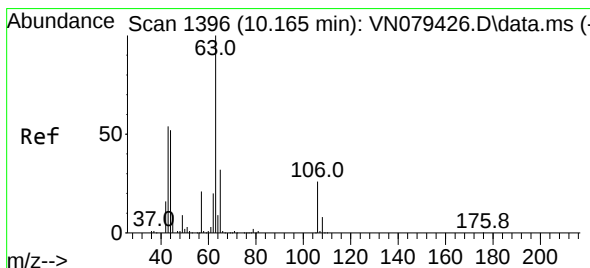
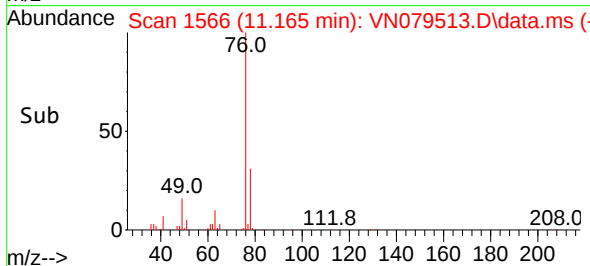
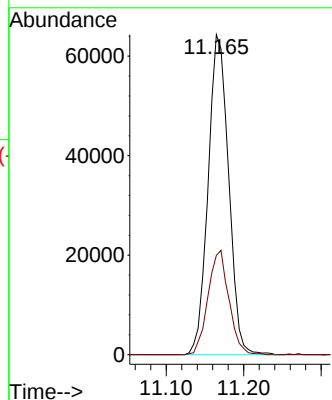
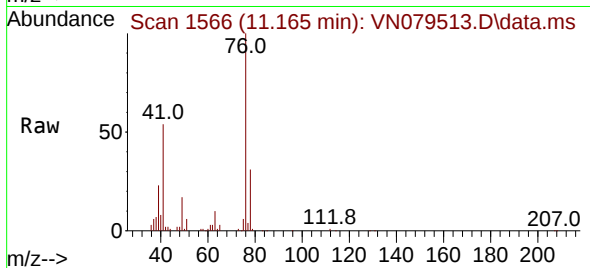
78 33.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 91.809 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079513.D

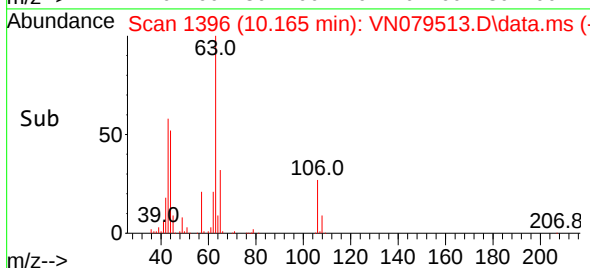
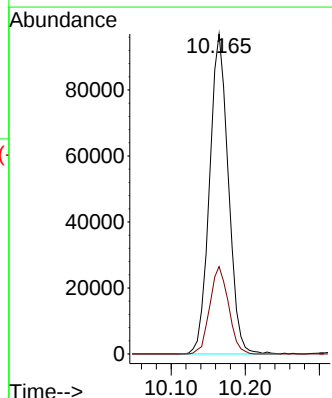
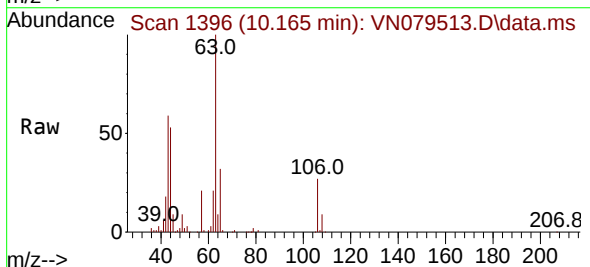
Acq: 11 Oct 2023 13:36

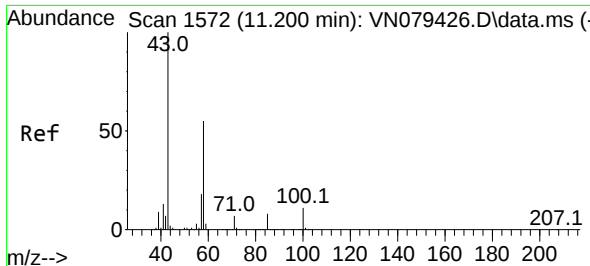
Tgt Ion: 63 Resp: 170673

Ion Ratio Lower Upper

63 100

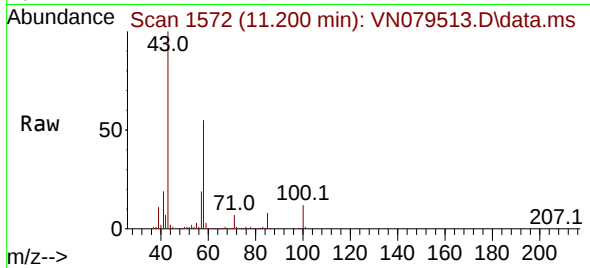
106 27.2 26.2 39.4





#59
2-Hexanone
Concen: 89.470 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

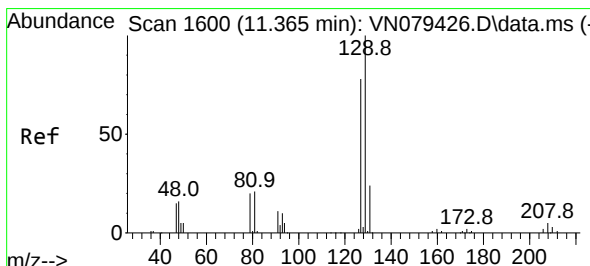
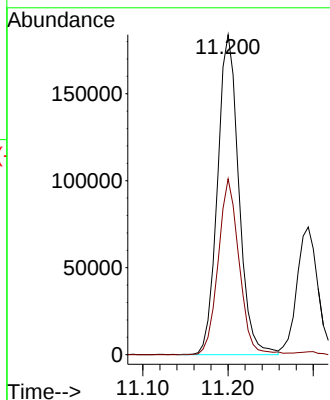
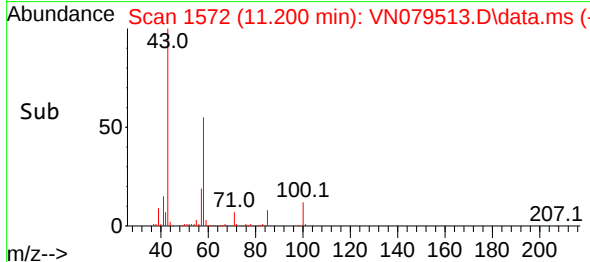
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



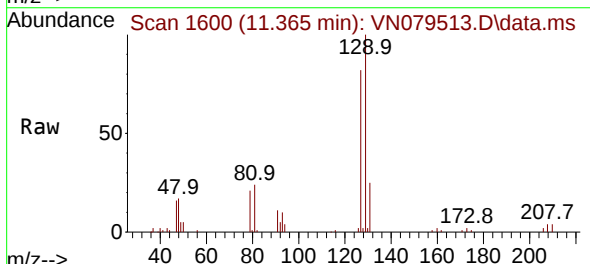
Tgt Ion: 43 Resp: 319794
Ion Ratio Lower Upper
43 100
58 53.9 31.7 95.1

Manual Integrations
APPROVED

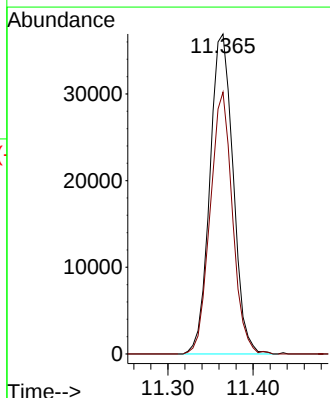
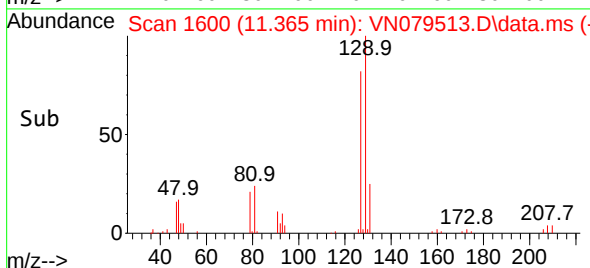
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

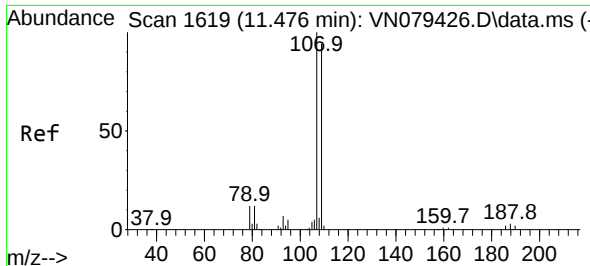


#60
Dibromochloromethane
Concen: 19.757 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



Tgt Ion:129 Resp: 70145
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





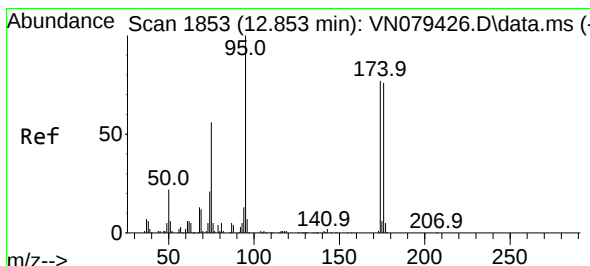
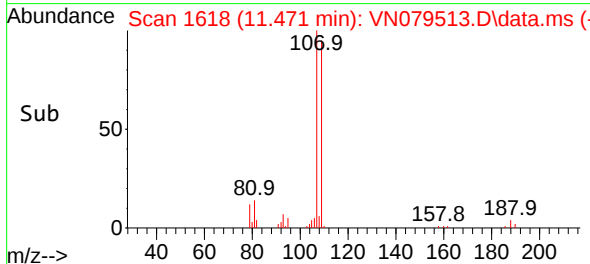
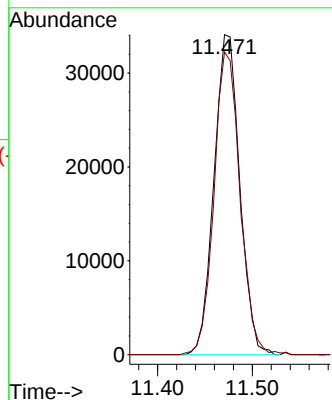
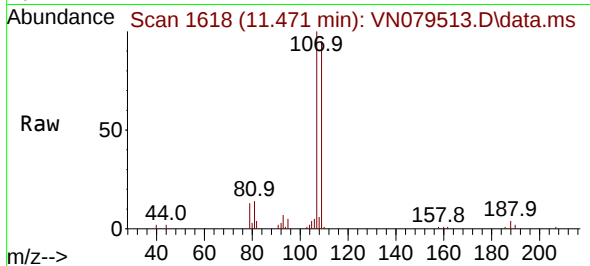
#61
1,2-Dibromoethane
Concen: 18.360 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01

Tgt Ion:107 Resp: 6436
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8

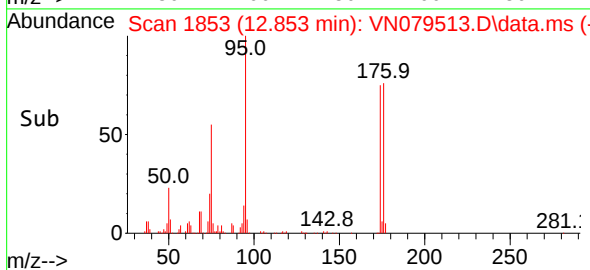
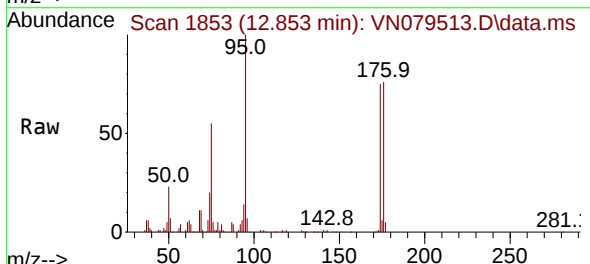
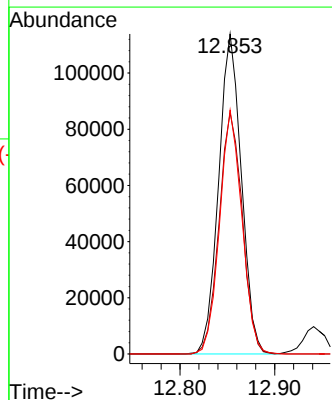
Manual Integrations
APPROVED

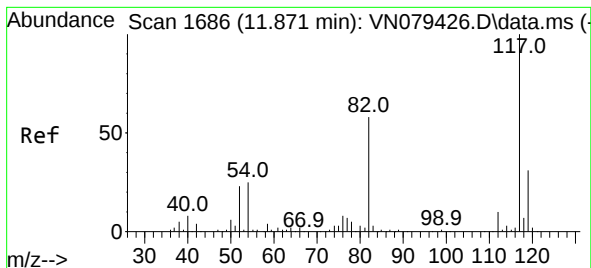
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#62
4-Bromofluorobenzene
Concen: 48.861 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

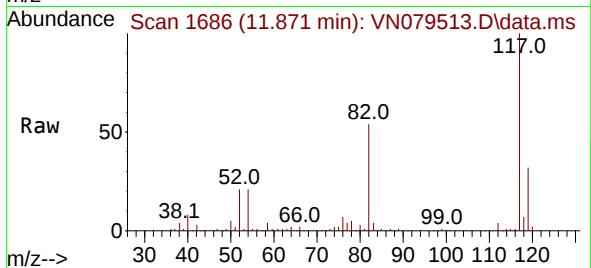
Tgt Ion: 95 Resp: 190279
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 74.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

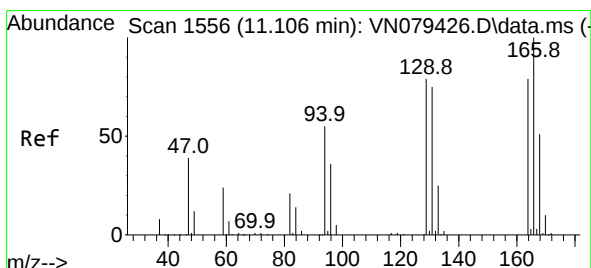
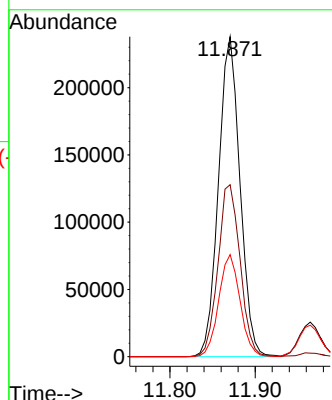
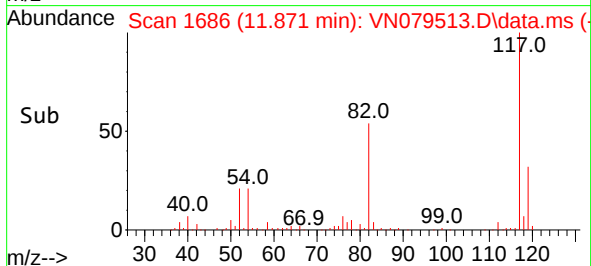
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion:117 Resp: 41805
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.9 25.6 38.4

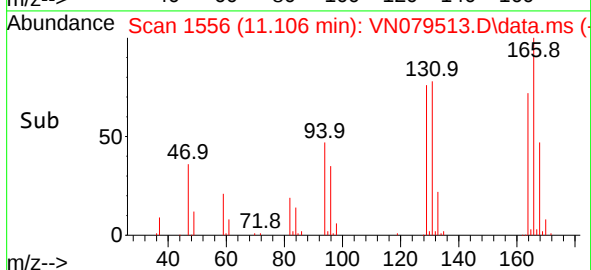
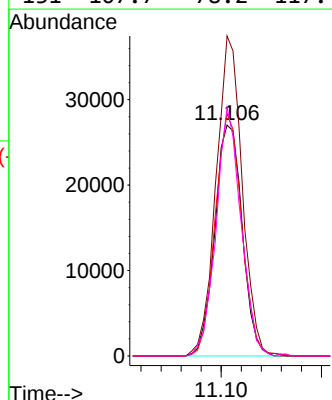
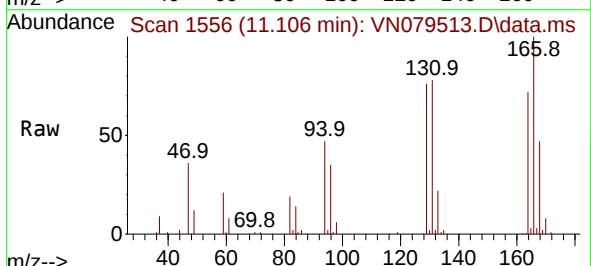
Manual Integrations
APPROVED

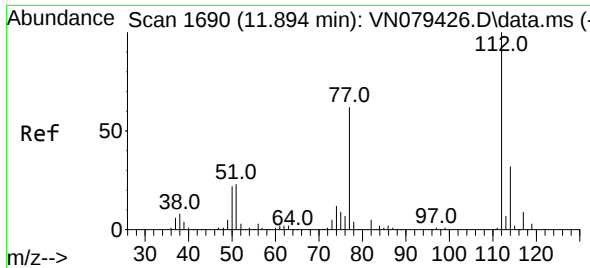
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#64
Tetrachloroethene
Concen: 17.803 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

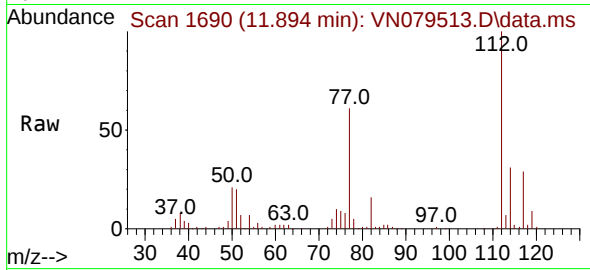
Tgt Ion:164 Resp: 51200
Ion Ratio Lower Upper
164 100
166 138.6 101.4 152.0
129 105.0 82.4 123.6
131 107.7 78.2 117.4





#65
Chlorobenzene
Concen: 19.054 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

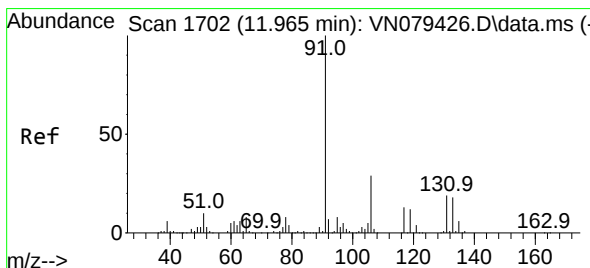
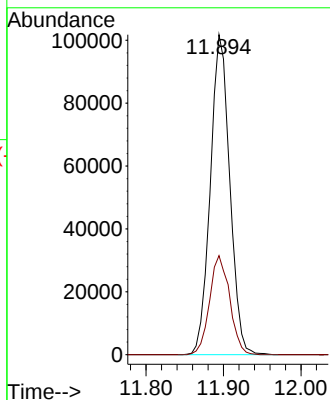
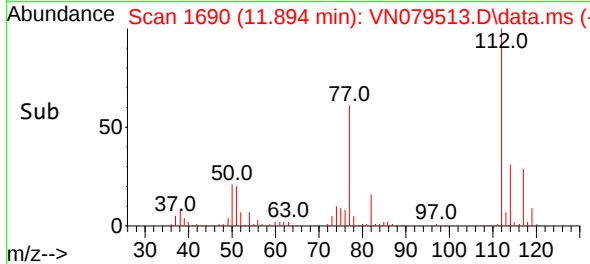
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion:112 Resp: 177398
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

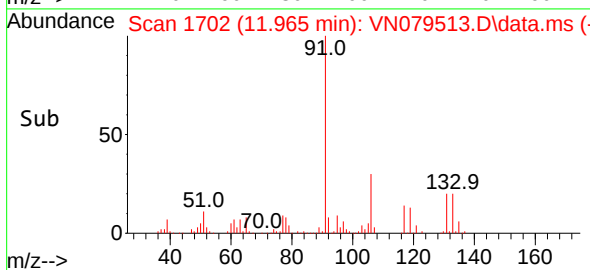
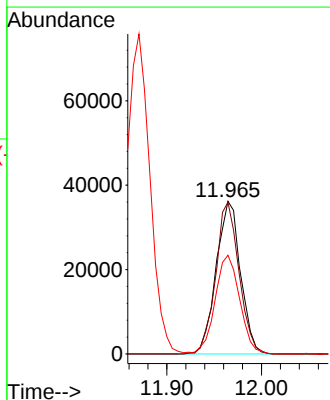
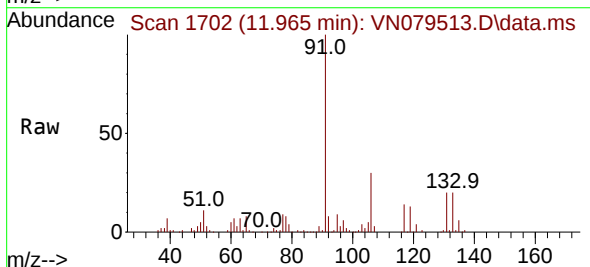
Manual Integrations
APPROVED

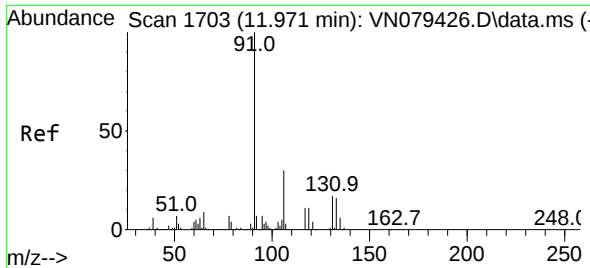
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.914 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion:131 Resp: 64477
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 65.5 34.1 102.2





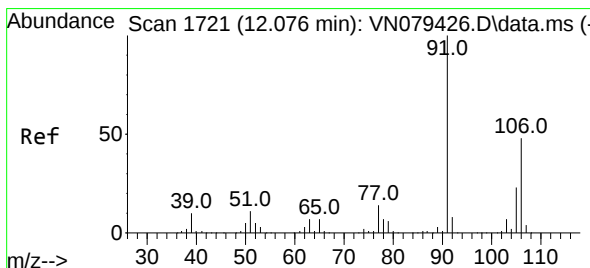
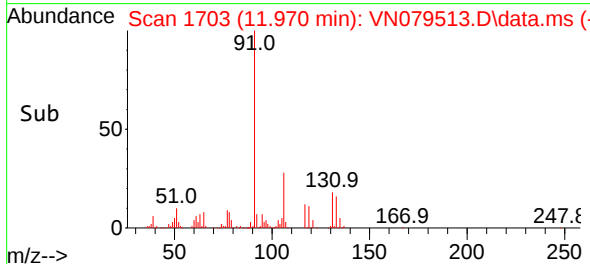
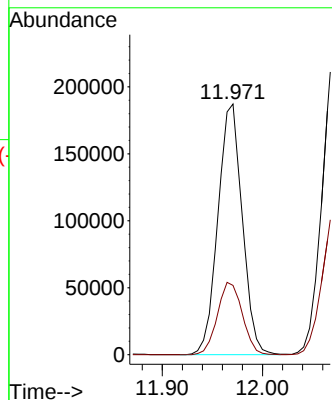
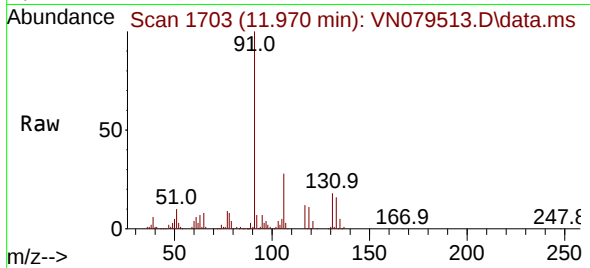
#67
Ethyl Benzene
Concen: 19.488 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01

Tgt Ion: 91 Resp: 31536
Ion Ratio Lower Upper
91 100
106 27.6 25.6 38.4

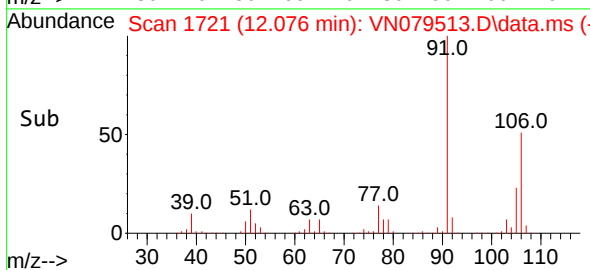
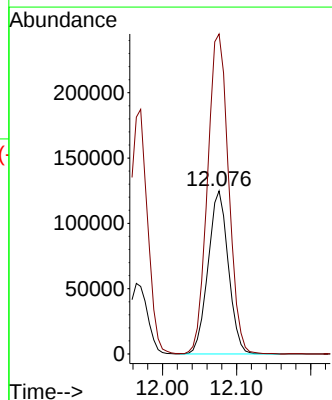
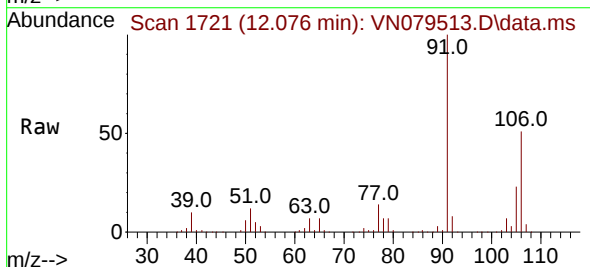
Manual Integrations
APPROVED

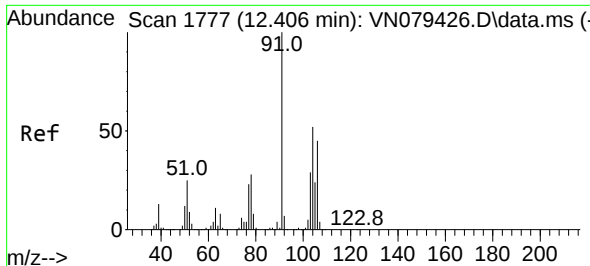
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#68
m/p-Xylenes
Concen: 40.260 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion:106 Resp: 236717
Ion Ratio Lower Upper
106 100
91 204.3 159.6 239.4





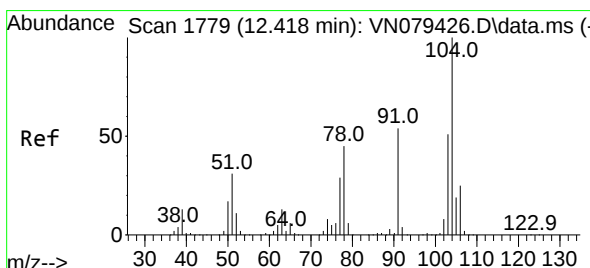
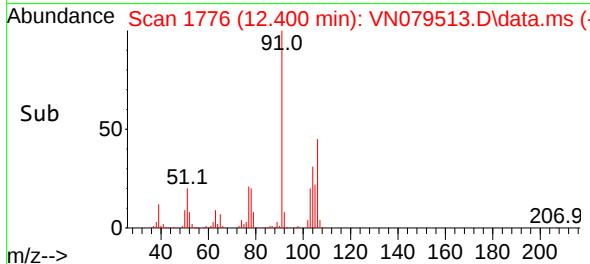
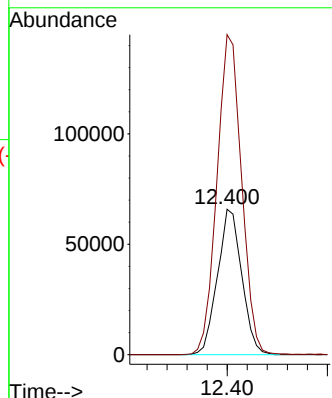
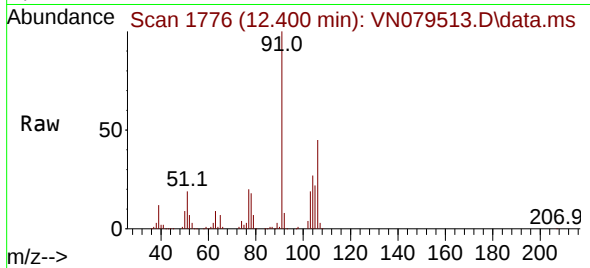
#69
o-Xylene
Concen: 19.154 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01

Tgt Ion:106 Resp: 110750
Ion Ratio Lower Upper
106 100
91 223.1 105.2 315.5

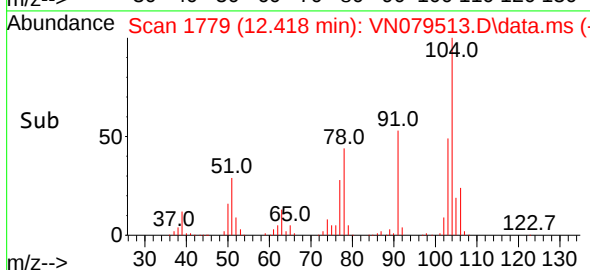
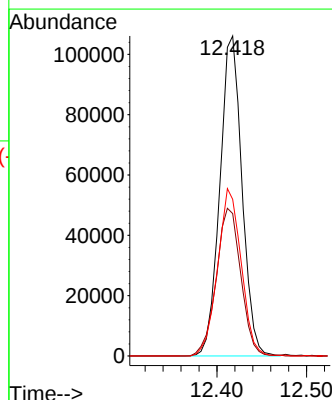
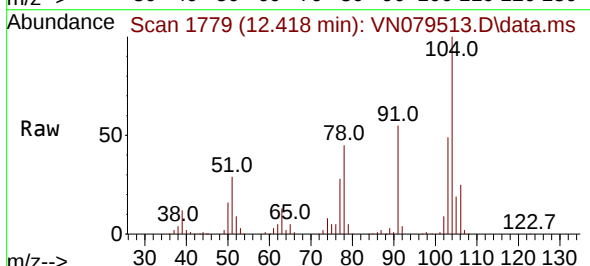
Manual Integrations
APPROVED

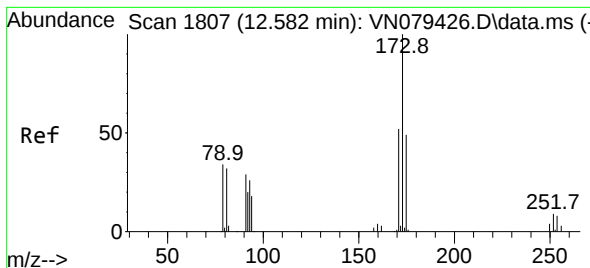
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#70
Styrene
Concen: 19.891 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion:104 Resp: 181676
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.7 43.2 64.8





#71

Bromoform

Concen: 18.136 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

Tgt Ion:173 Resp: 45248

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

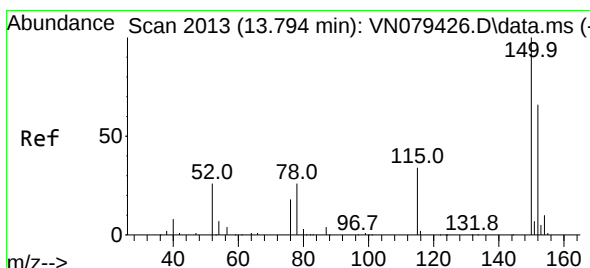
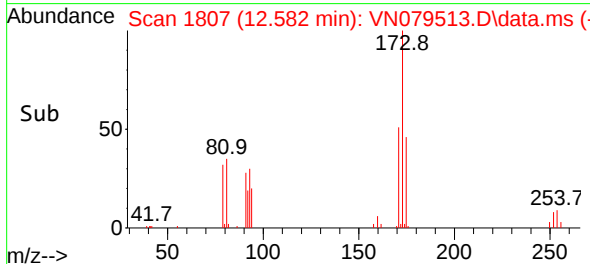
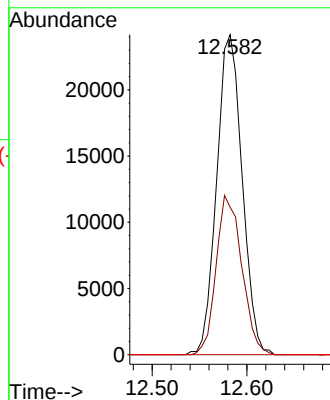
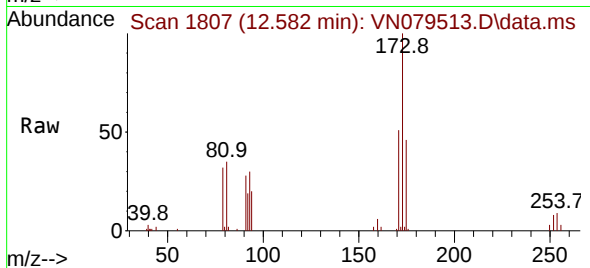
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

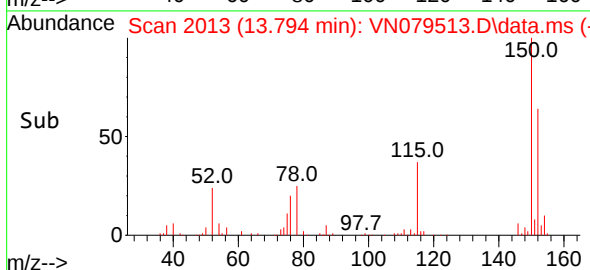
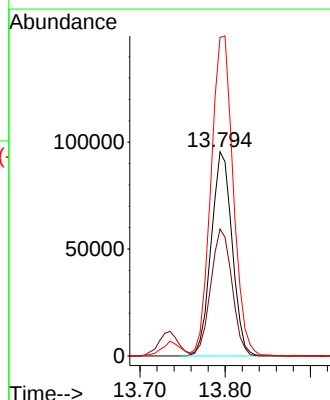
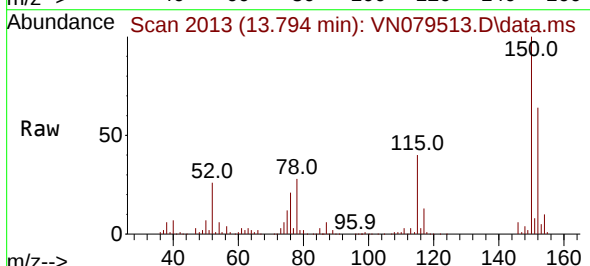
Tgt Ion:152 Resp: 162811

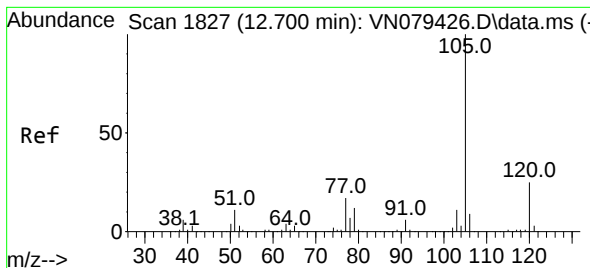
Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 166.7 0.0 355.8





#73

Isopropylbenzene

Concen: 18.976 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

Tgt Ion:105 Resp: 287429

Ion Ratio Lower Upper

105 100

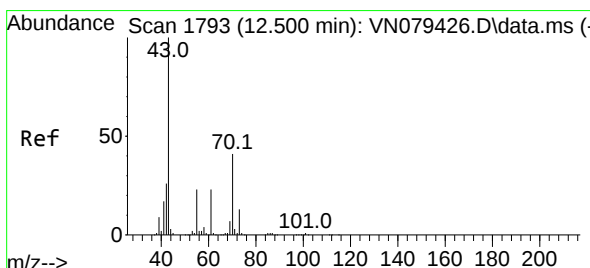
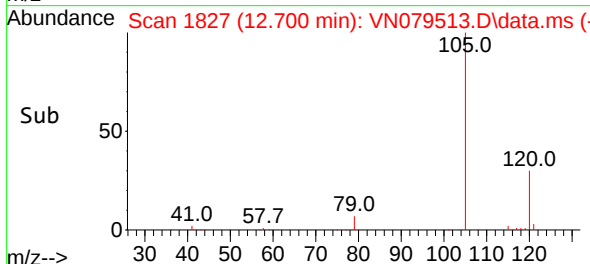
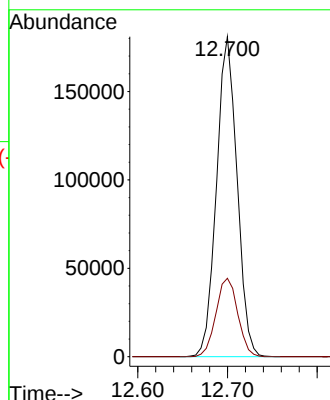
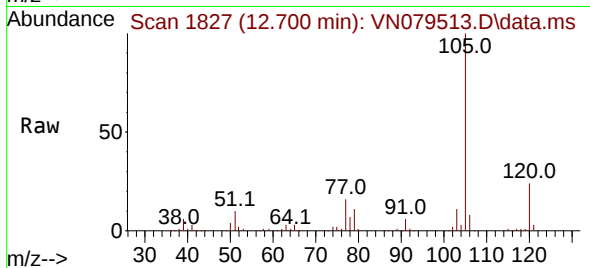
120 26.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#74

N-ethyl acetate

Concen: 17.693 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Tgt Ion: 43 Resp: 109867

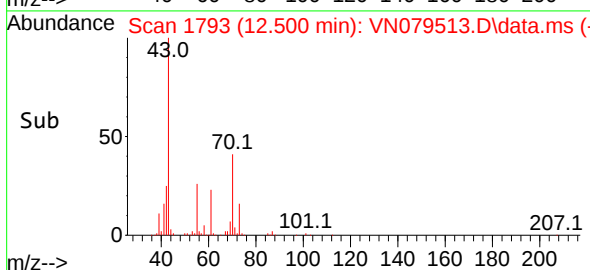
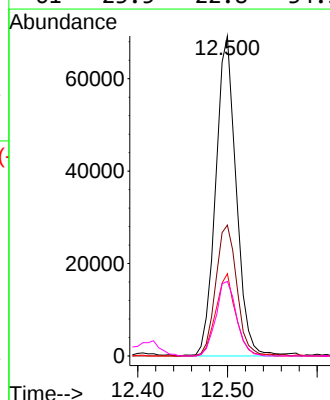
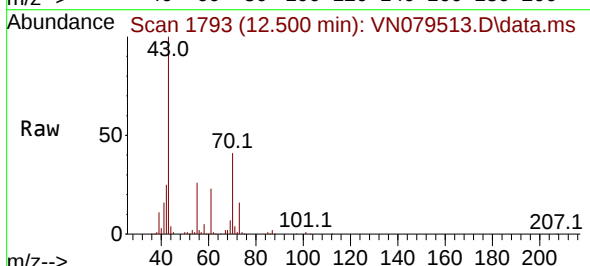
Ion Ratio Lower Upper

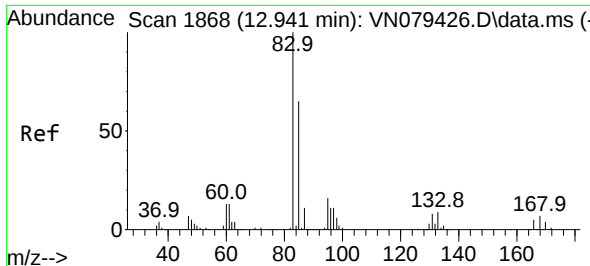
43 100

70 42.1 43.4 65.2

55 25.0 21.4 32.0

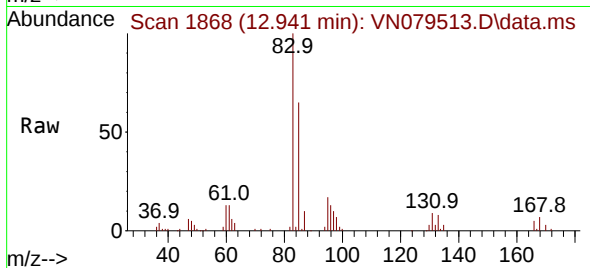
61 23.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.397 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

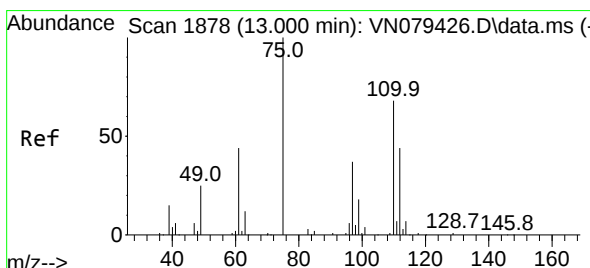
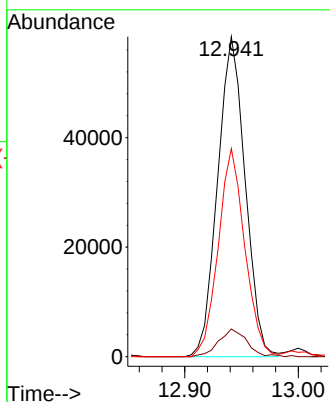
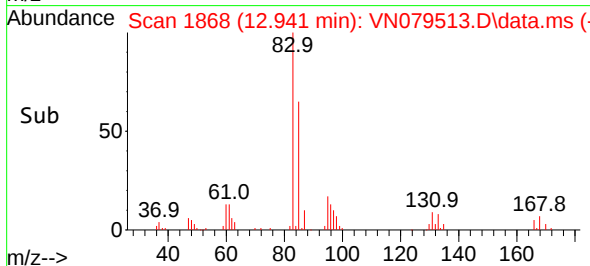
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 83 Resp: 9846
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 62.8 31.9 95.7

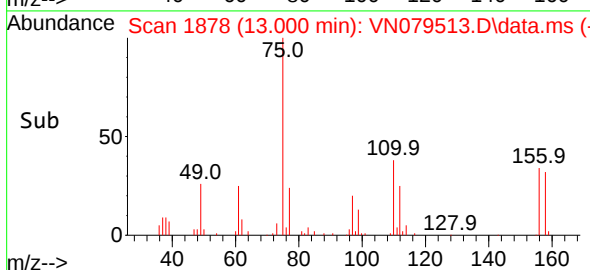
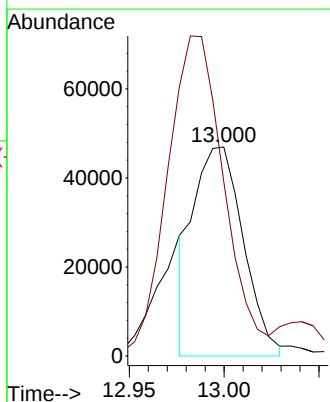
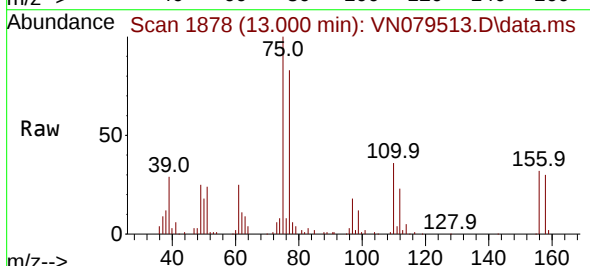
Manual Integrations
APPROVED

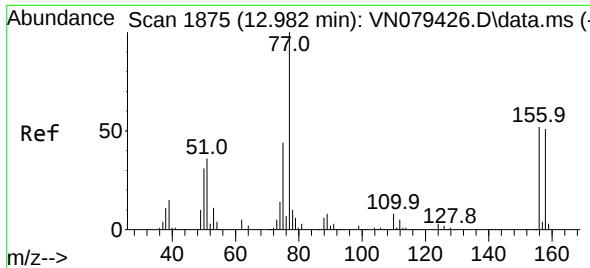
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#76
1,2,3-Trichloropropane
Concen: 18.214 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

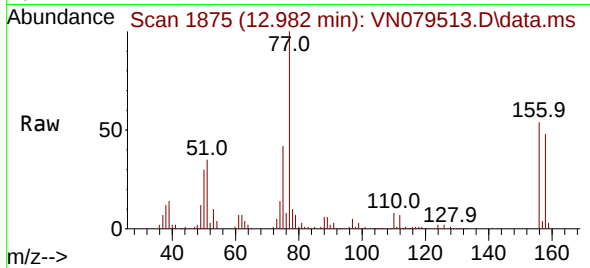
Tgt Ion: 75 Resp: 85504
Ion Ratio Lower Upper
75 100
77 174.8 84.5 253.5





#77
Bromobenzene
Concen: 17.832 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

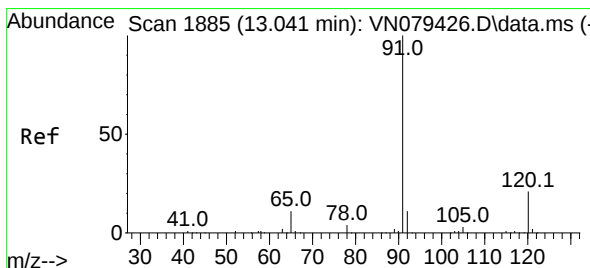
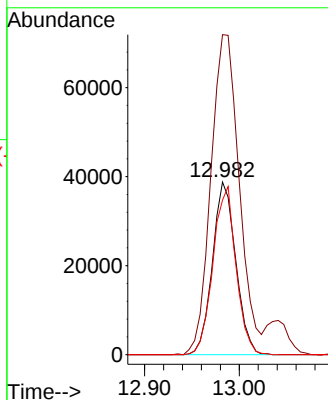
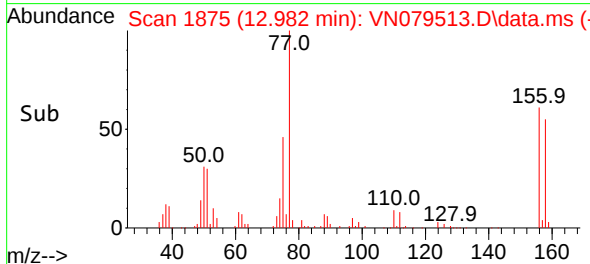
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



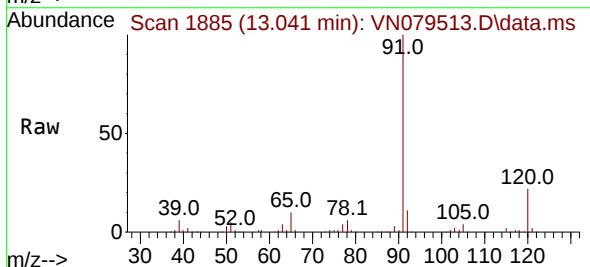
Tgt Ion:156 Resp: 66229
Ion Ratio Lower Upper
156 100
77 225.7 107.7 323.3
158 96.0 48.4 145.3

Manual Integrations
APPROVED

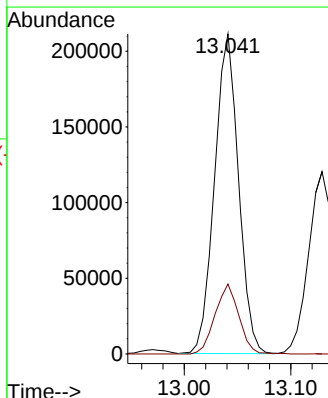
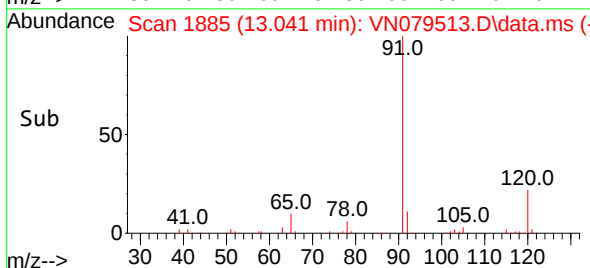
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

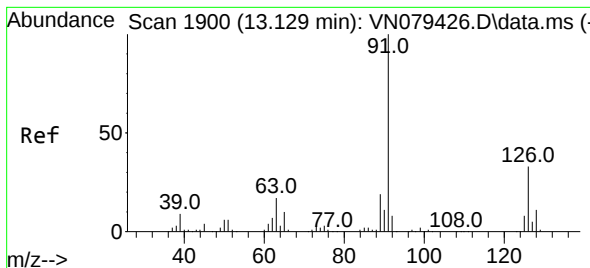


#78
n-propylbenzene
Concen: 19.199 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



Tgt Ion: 91 Resp: 329025
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4





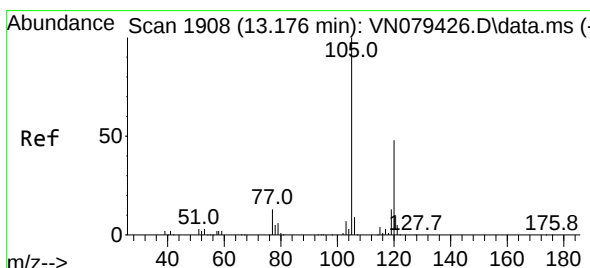
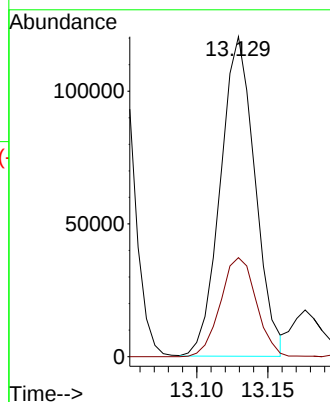
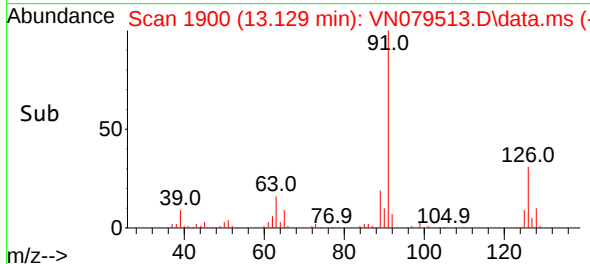
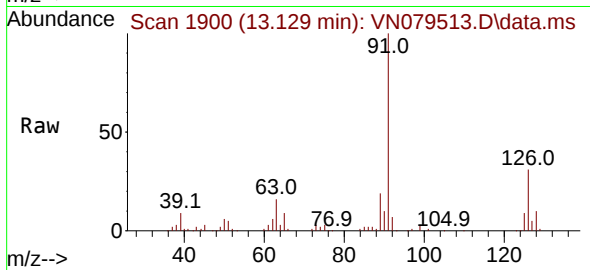
#79
2-Chlorotoluene
Concen: 18.633 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01

Tgt Ion: 91 Resp: 204335
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

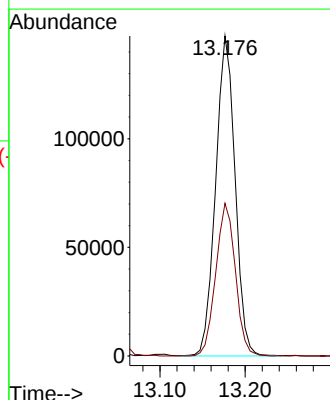
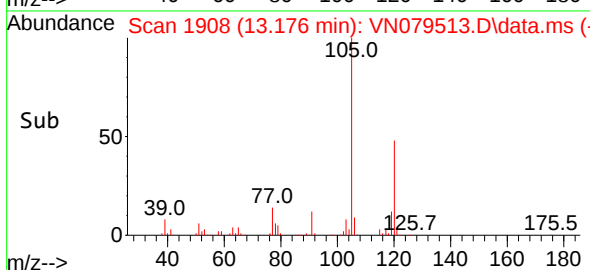
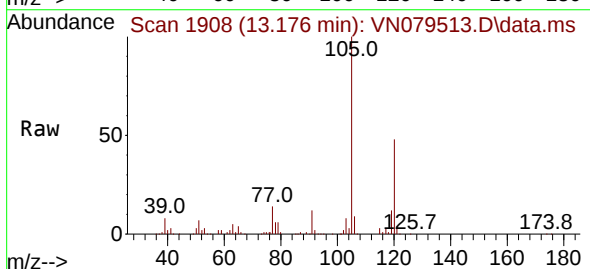
Manual Integrations
APPROVED

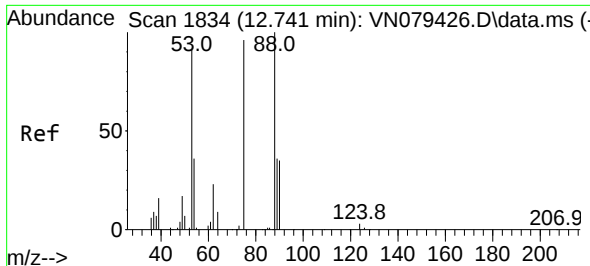
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.597 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

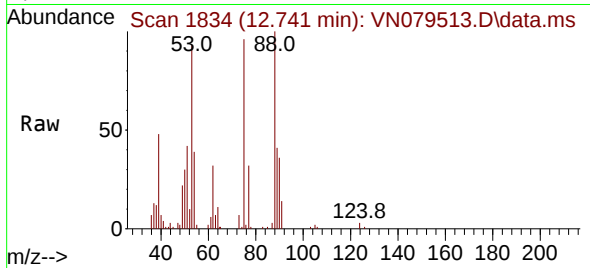
Tgt Ion:105 Resp: 234060
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.518 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

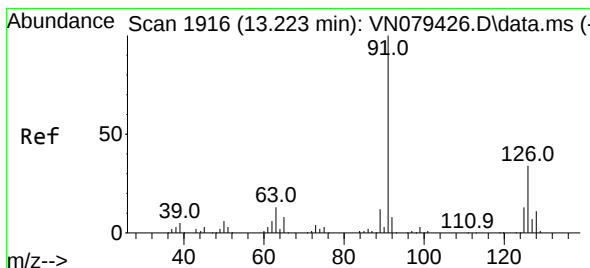
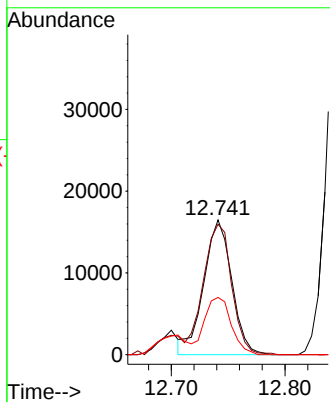
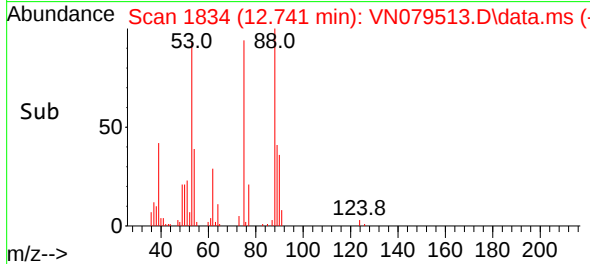
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 75 Resp: 2834
Ion Ratio Lower Upper
75 100
53 97.7 67.4 101.2
89 40.4 38.8 58.2

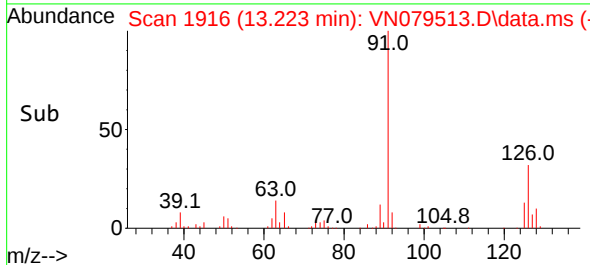
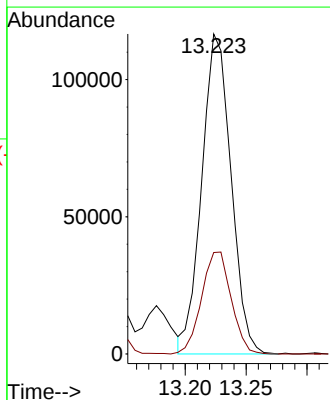
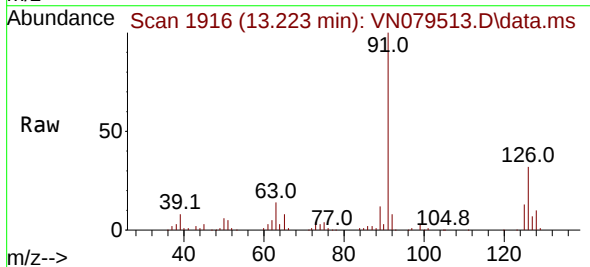
Manual Integrations
APPROVED

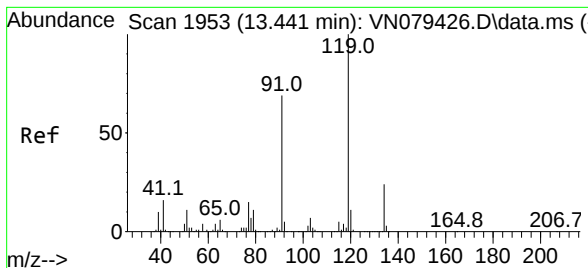
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#82
4-Chlorotoluene
Concen: 18.701 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

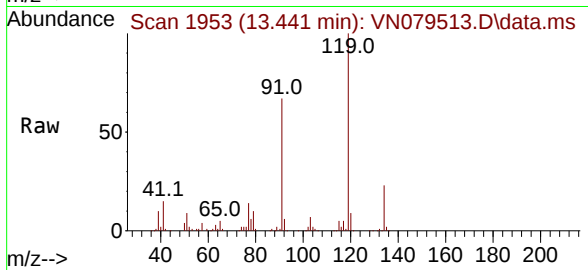
Tgt Ion: 91 Resp: 195148
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.155 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

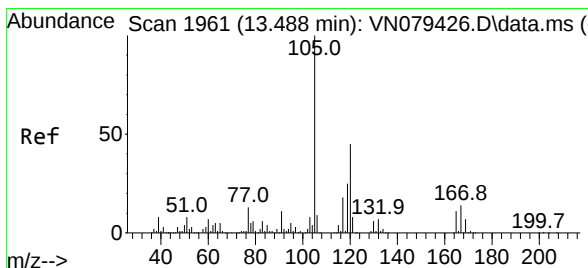
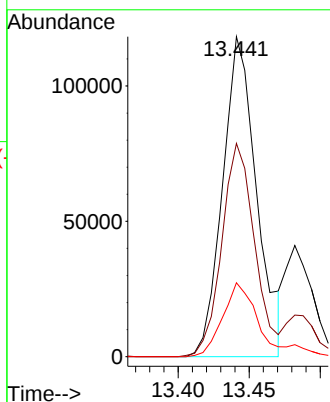
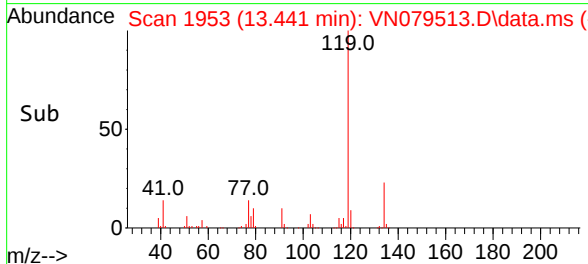
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



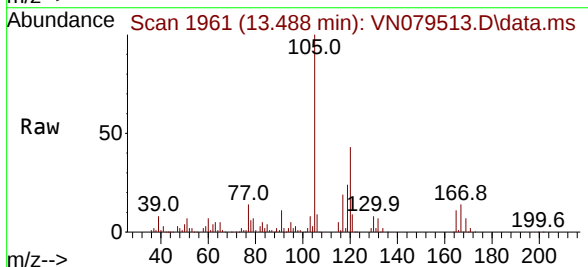
Tgt Ion:119 Resp: 197229
Ion Ratio Lower Upper
119 100
91 64.3 33.9 101.7
134 25.3 13.2 39.6

Manual Integrations
APPROVED

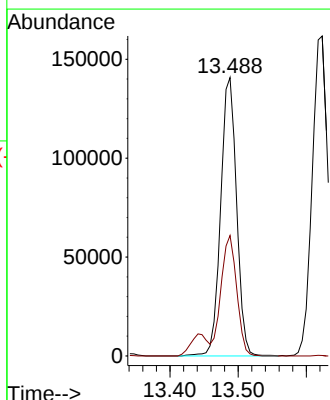
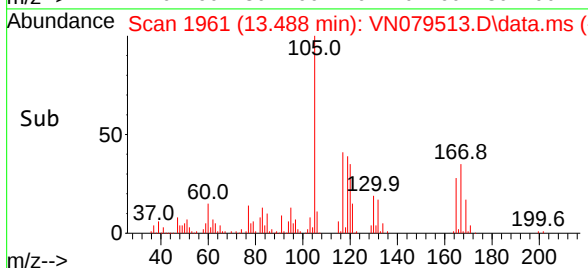
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023

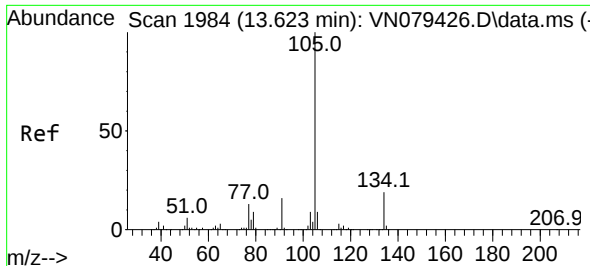


#84
1,2,4-Trimethylbenzene
Concen: 20.080 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



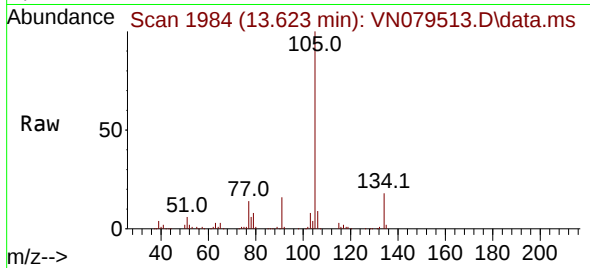
Tgt Ion:105 Resp: 228879
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.386 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36

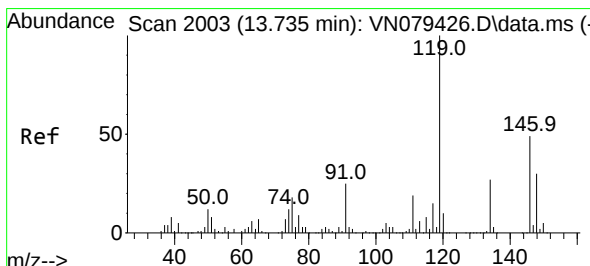
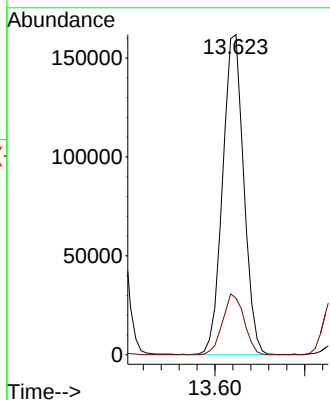
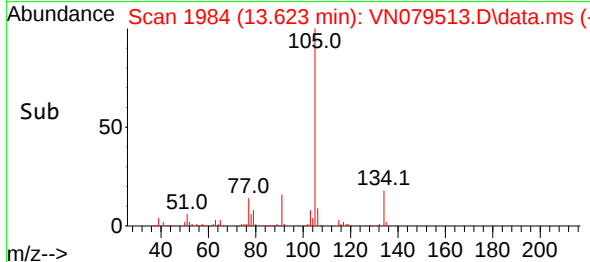
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBSD01



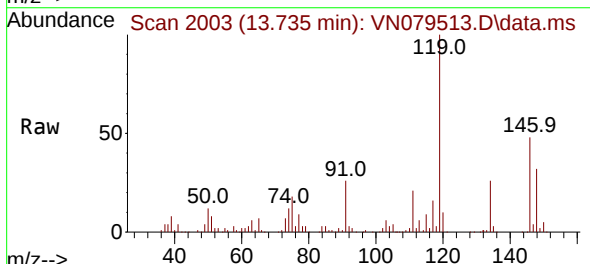
Tgt Ion:105 Resp: 264612
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

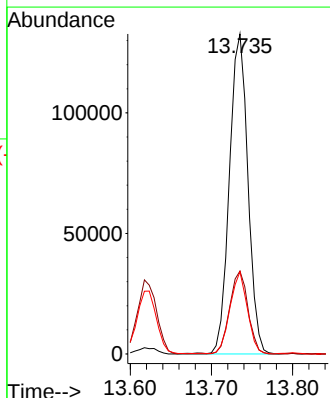
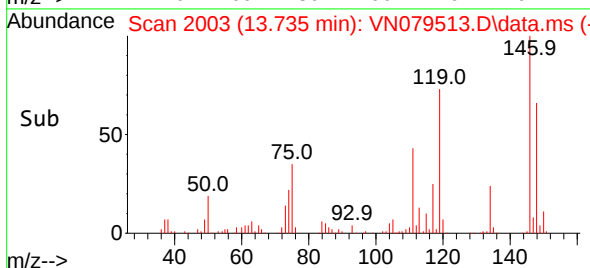
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

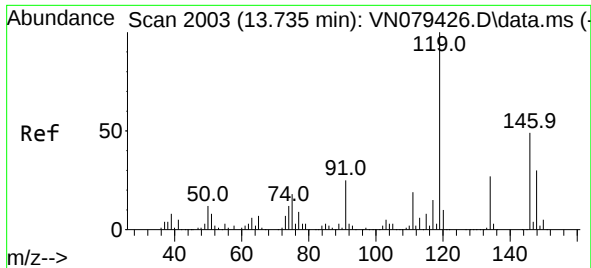


#86
 p-Isopropyltoluene
 Concen: 20.037 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36



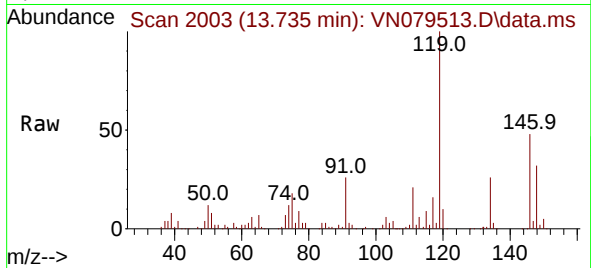
Tgt Ion:119 Resp: 209813
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.3 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 18.557 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36

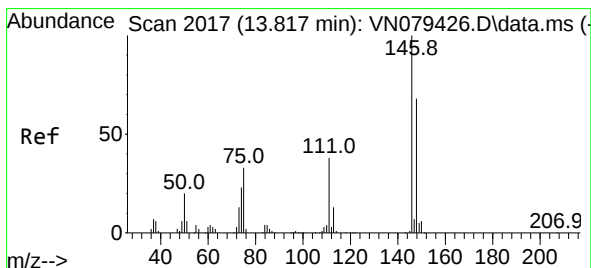
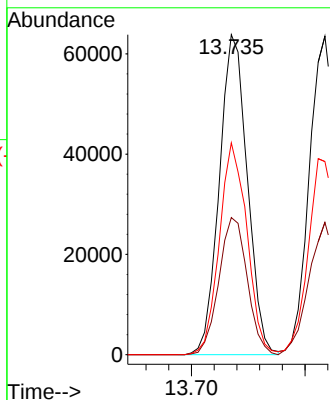
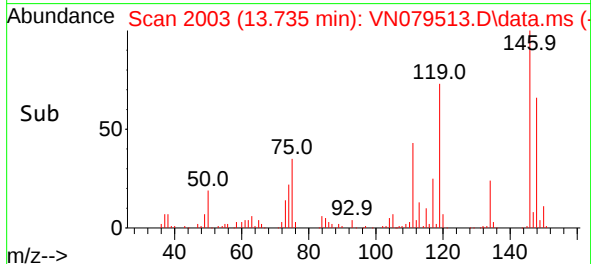
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBSD01



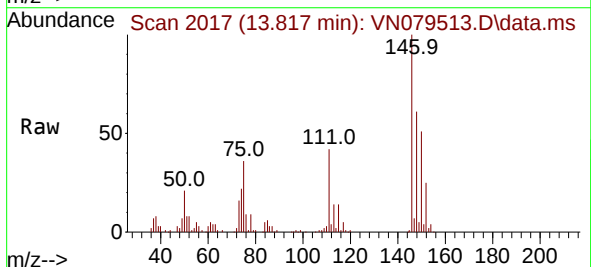
Tgt Ion:146 Resp: 10931
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.1 66.3
 148 65.2 32.0 96.0

Manual Integrations
 APPROVED

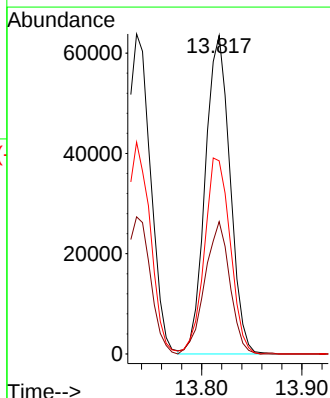
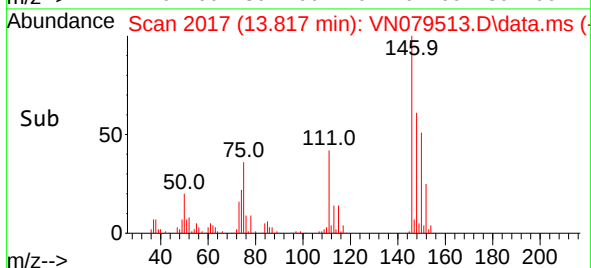
Reviewed By :John Carlone 10/12/2023
 Supervised By :Mahesh Dadoda 10/12/2023

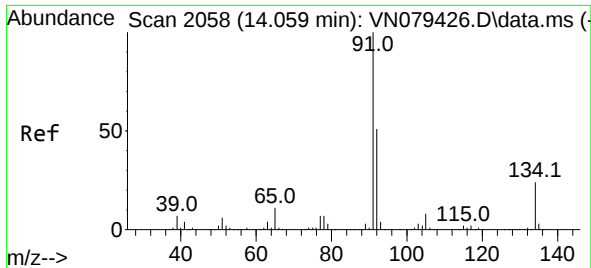


#88
 1,4-Dichlorobenzene
 Concen: 17.956 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079513.D
 Acq: 11 Oct 2023 13:36



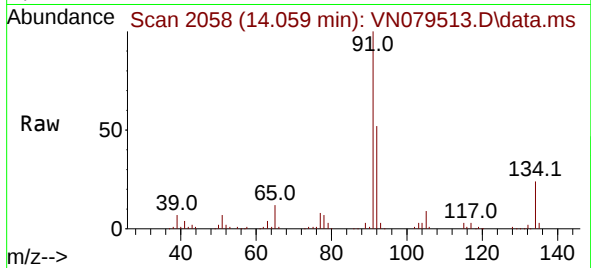
Tgt Ion:146 Resp: 109213
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.8
 148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 19.320 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

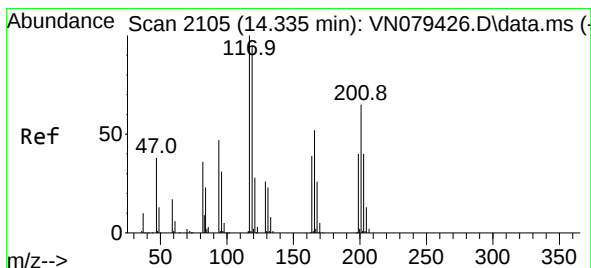
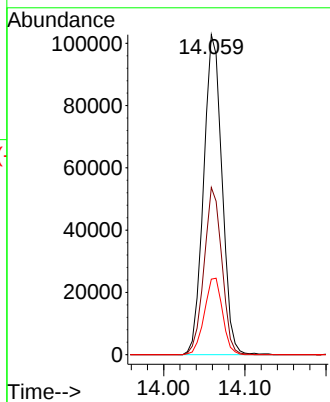
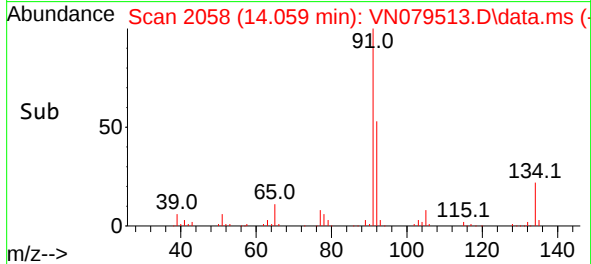
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion: 91 Resp: 161540
Ion Ratio Lower Upper
91 100
92 50.5 26.4 79.0
134 23.6 12.6 37.6

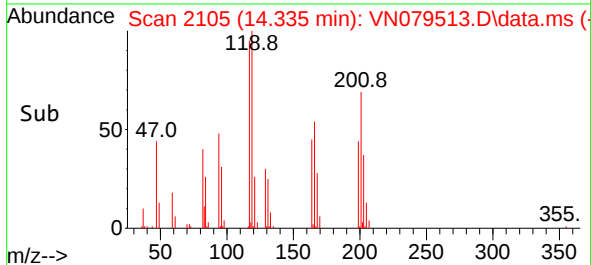
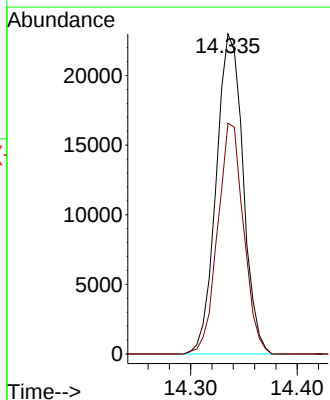
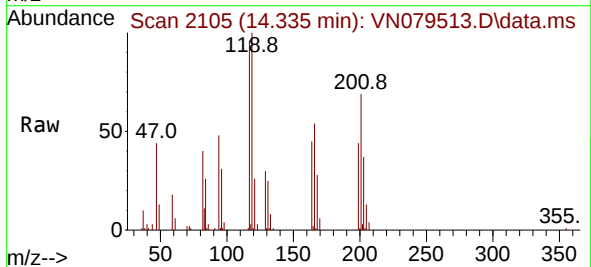
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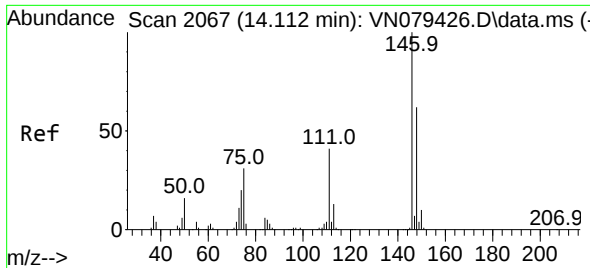
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#90
Hexachloroethane
Concen: 18.277 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

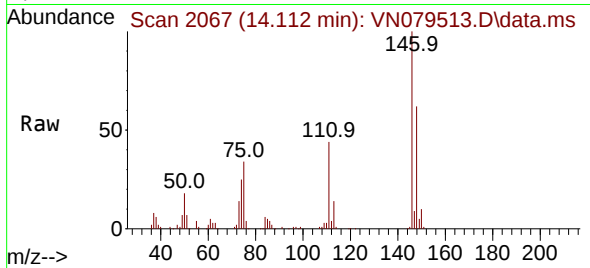
Tgt Ion:117 Resp: 40263
Ion Ratio Lower Upper
117 100
201 69.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 19.135 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

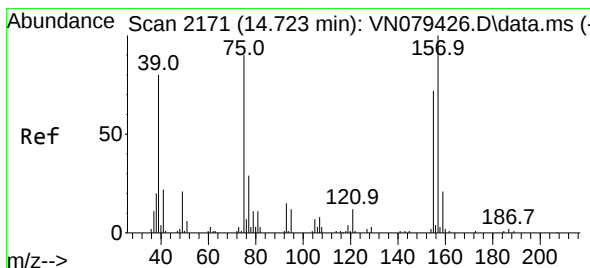
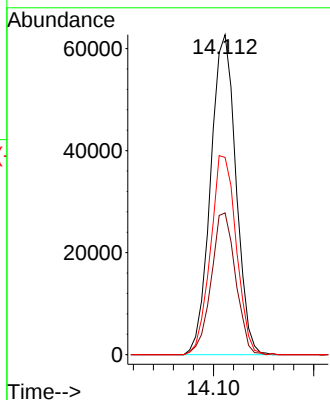
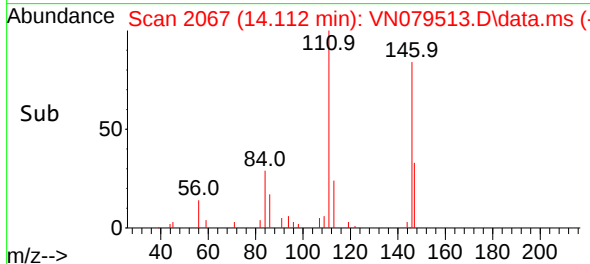
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



Tgt Ion:146 Resp: 109950
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 63.3 31.8 95.3

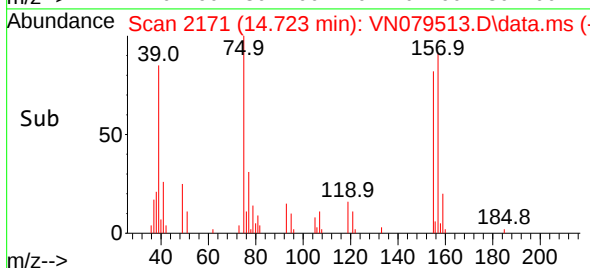
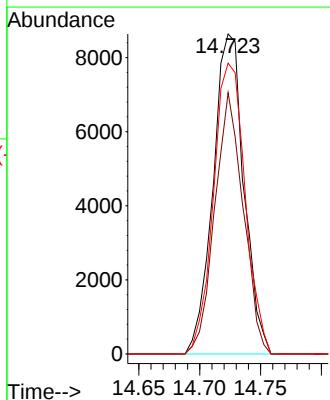
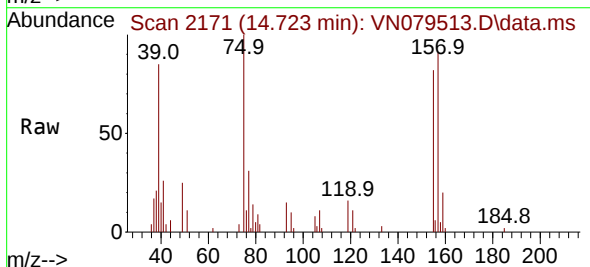
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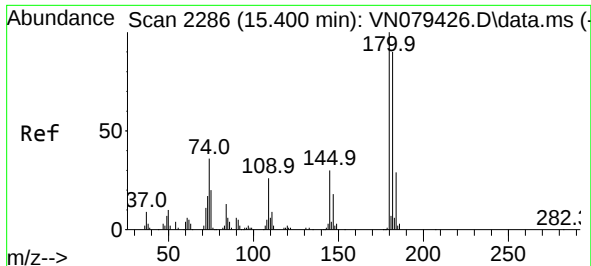
Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.420 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

Tgt Ion: 75 Resp: 15257
Ion Ratio Lower Upper
75 100
155 75.2 39.1 117.2
157 93.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.950 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBSD01

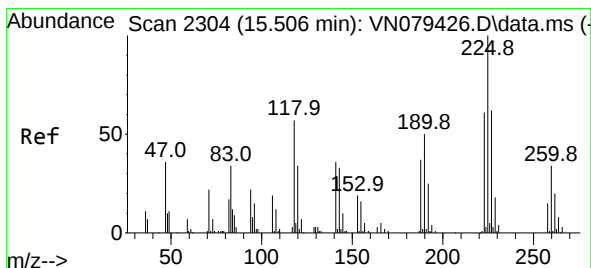
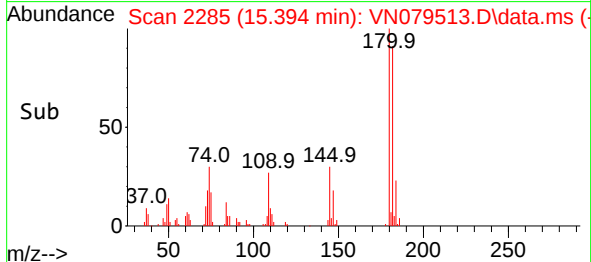
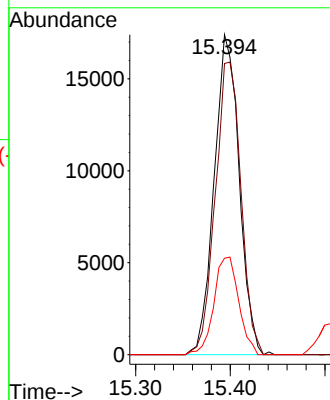
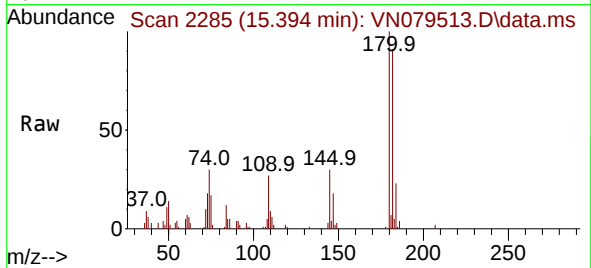
Tgt Ion:180	Resp:	3194
Ion Ratio	Lower	Upper
180	100	
182	93.8	46.1 138.2
145	30.3	16.6 49.8

Manual Integrations

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Reviewed By :John Carlone 10/12/2023

Supervised By :Mahesh Dadoda 10/12/2023



#94

Hexachlorobutadiene

Concen: 18.306 ug/l

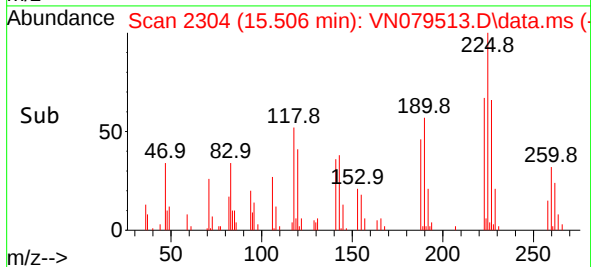
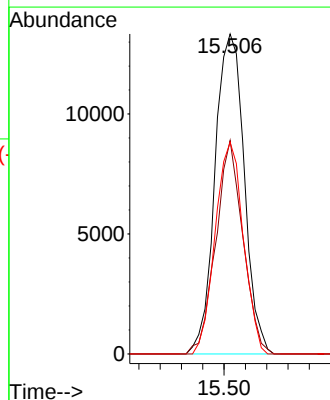
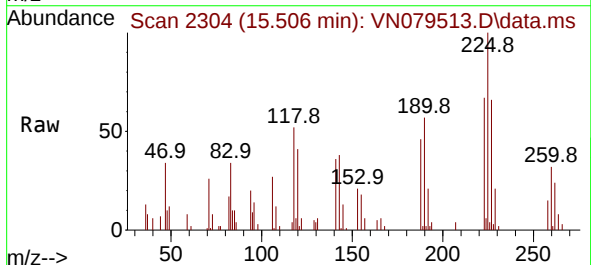
RT: 15.506 min Scan# 2304

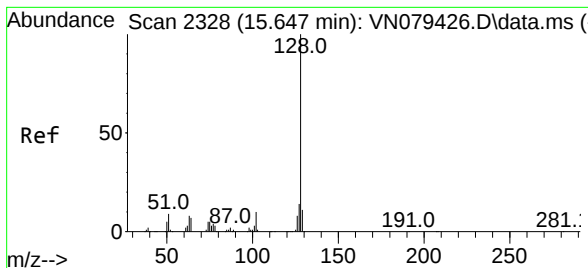
Delta R.T. -0.000 min

Lab File: VN079513.D

Acq: 11 Oct 2023 13:36

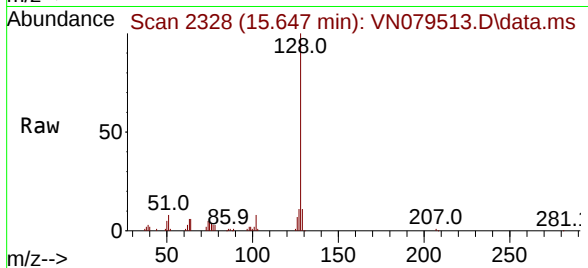
Tgt Ion:225	Resp:	25373
Ion Ratio	Lower	Upper
225	100	
223	61.9	31.3 93.8
227	63.7	31.9 95.9





#95
Naphthalene
Concen: 15.336 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36

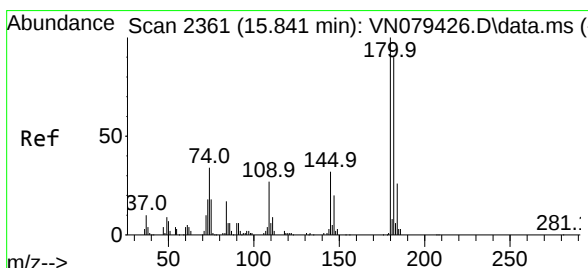
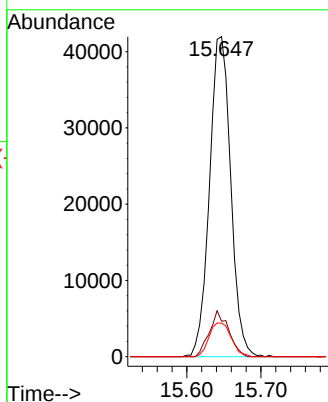
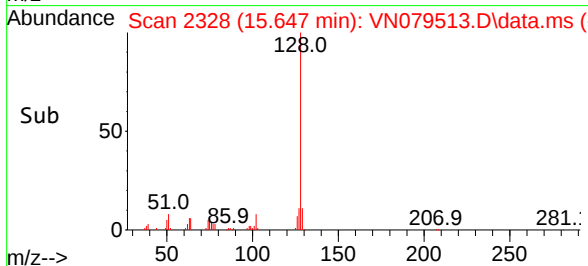
Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01



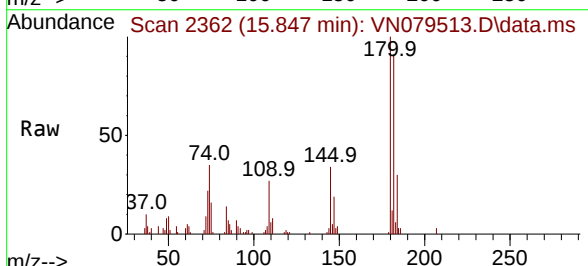
Tgt Ion:128 Resp: 83339
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/12/2023
Supervised By :Mahesh Dadoda 10/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.625 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079513.D
Acq: 11 Oct 2023 13:36



Tgt Ion:180 Resp: 35306
Ion Ratio Lower Upper
180 100
182 93.8 46.2 138.6
145 35.7 17.5 52.6

