

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079697.D
 Acq On : 26 Oct 2023 15:43
 Operator : JC\MD
 Sample : VN1026MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:21:15 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	8.229	168	285015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	490277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	445265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	208354	45.086	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.180%		
35) Dibromofluoromethane	8.171	113	165146	46.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.740%		
50) Toluene-d8	10.570	98	622000	48.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.580%		
62) 4-Bromofluorobenzene	12.853	95	201740	49.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	69623	17.047	ug/l	99
3) Chloromethane	2.365	50	79805	15.660	ug/l	96
4) Vinyl Chloride	2.518	62	88543	16.704	ug/l	98
5) Bromomethane	2.953	94	67031	21.124	ug/l	95
6) Chloroethane	3.124	64	64836	16.224	ug/l	95
7) Trichlorofluoromethane	3.500	101	115058	18.384	ug/l	93
8) Diethyl Ether	3.965	74	41255	18.490	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	66379	18.150	ug/l	99
10) Methyl Iodide	4.600	142	71096	22.402	ug/l	95
11) Tert butyl alcohol	5.530	59	55875	80.333	ug/l	99
12) 1,1-Dichloroethene	4.347	96	61258	18.191	ug/l	87
13) Acrolein	4.183	56	54138	78.170	ug/l	99
14) Allyl chloride	5.030	41	92908	17.097	ug/l	89
15) Acrylonitrile	5.724	53	185879	92.180	ug/l	99
16) Acetone	4.430	43	184165	100.474	ug/l	96
17) Carbon Disulfide	4.718	76	154823	14.739	ug/l	95
18) Methyl Acetate	5.030	43	153416	17.101	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	218236	19.946	ug/l	99
20) Methylene Chloride	5.288	84	76773	18.751	ug/l	87
21) trans-1,2-Dichloroethene	5.800	96	68225	17.346	ug/l	92
22) Diisopropyl ether	6.677	45	242686	19.916	ug/l #	92
23) Vinyl Acetate	6.606	43	631679	92.157	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	137205	18.398	ug/l	95
25) 2-Butanone	7.488	43	252353	92.760	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	114392	20.071	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	81645	19.108	ug/l	86
28) Bromochloromethane	7.818	49	70943	19.993	ug/l #	74
29) Tetrahydrofuran	7.841	42	158367	90.008	ug/l #	75
30) Chloroform	7.965	83	139169	18.469	ug/l	93
31) Cyclohexane	8.259	56	110724	16.891	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	123712	19.509	ug/l	95
36) 1,1-Dichloropropene	8.371	75	102121	19.312	ug/l	96
37) Ethyl Acetate	7.565	43	100184	19.040	ug/l #	90
38) Carbon Tetrachloride	8.365	117	103787	19.605	ug/l	96
39) Methylcyclohexane	9.606	83	94433	18.587	ug/l	90
40) Benzene	8.612	78	310029	19.742	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52978	19.152	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	110367	19.341	ug/l	98
43) Isopropyl Acetate	8.694	43	169510	18.388	ug/l #	90
44) Trichloroethene	9.359	130	71526	19.351	ug/l	99
45) 1,2-Dichloropropane	9.623	63	82746	19.998	ug/l	99
46) Dibromomethane	9.712	93	55701	20.785	ug/l	98
47) Bromodichloromethane	9.894	83	110061	19.966	ug/l	95
48) Methyl methacrylate	9.688	41	74975	18.980	ug/l #	83
49) 1,4-Dioxane	9.700	88	26474	363.846	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	520145	99.956	ug/l	90
52) Toluene	10.635	92	191242	20.688	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	111600	20.089	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	125955	20.712	ug/l #	88
55) 1,1,2-Trichloroethane	11.023	97	78927	21.267	ug/l	94
56) Ethyl methacrylate	10.876	69	107130	21.007	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	132354	20.653	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	212853	108.987	ug/l	89
59) 2-Hexanone	11.200	43	371615	98.964	ug/l	88
60) Dibromochloromethane	11.365	129	78918	21.158	ug/l	99
61) 1,2-Dibromoethane	11.470	107	72442	19.669	ug/l	99
64) Tetrachloroethene	11.106	164	61337	20.025	ug/l	98
65) Chlorobenzene	11.894	112	194080	19.572	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	74491	20.517	ug/l	97
67) Ethyl Benzene	11.970	91	352348	20.443	ug/l	98
68) m/p-Xylenes	12.076	106	257392	41.101	ug/l	93
69) o-Xylene	12.400	106	124620	20.235	ug/l	92
70) Styrene	12.417	104	201329	20.696	ug/l	96
71) Bromoform	12.582	173	51332	19.318	ug/l #	99
73) Isopropylbenzene	12.700	105	321766	19.700	ug/l	98
74) N-amyl acetate	12.500	43	125213	18.700	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	109484	20.040	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	97728m	19.306	ug/l	
77) Bromobenzene	12.982	156	73898	18.452	ug/l	95
78) n-propylbenzene	13.041	91	370767	20.064	ug/l	98
79) 2-Chlorotoluene	13.129	91	229572	19.414	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	266024	20.655	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	29021	16.635	ug/l #	69
82) 4-Chlorotoluene	13.223	91	222009	19.730	ug/l	99
83) tert-Butylbenzene	13.441	119	223543	21.185	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	256826	20.895	ug/l	98
85) sec-Butylbenzene	13.617	105	298910	20.309	ug/l	100
86) p-Isopropyltoluene	13.735	119	240050	21.260	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	125351	19.734	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	125532	19.140	ug/l	100
89) n-Butylbenzene	14.059	91	182797	20.273	ug/l	98
90) Hexachloroethane	14.335	117	48449	20.519	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	123759	19.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16628	17.606	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	32348	16.857	ug/l	93
94) Hexachlorobutadiene	15.505	225	29367	19.649	ug/l	99
95) Naphthalene	15.647	128	88693	15.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	38474	16.801	ug/l	97

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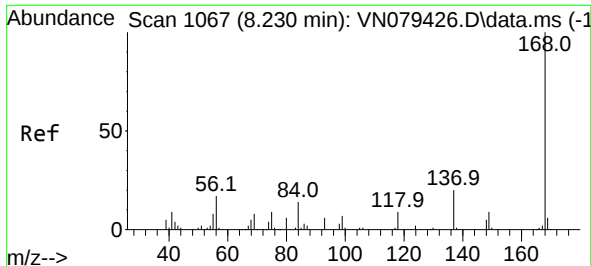
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/27/2023

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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



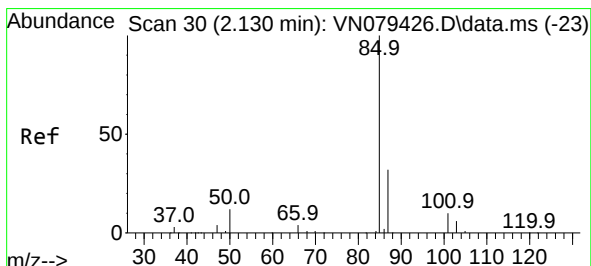
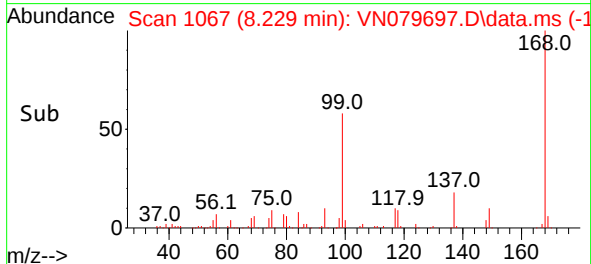
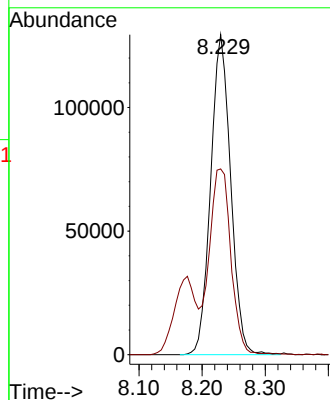
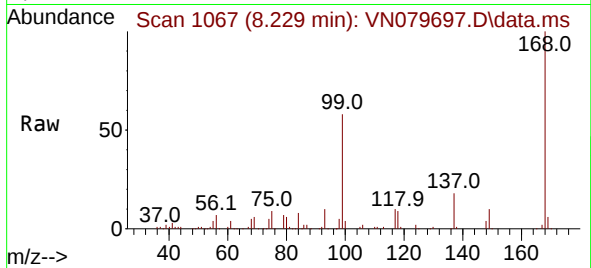
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079697.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion:168 Resp: 285015
Ion Ratio Lower Upper
168 100
99 57.8 53.0 79.6

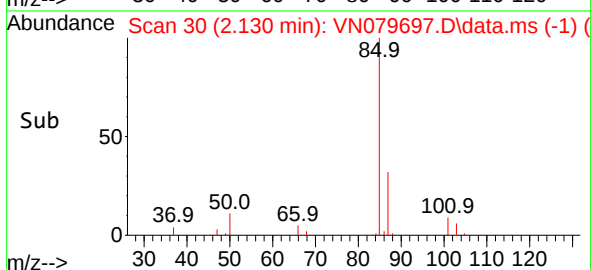
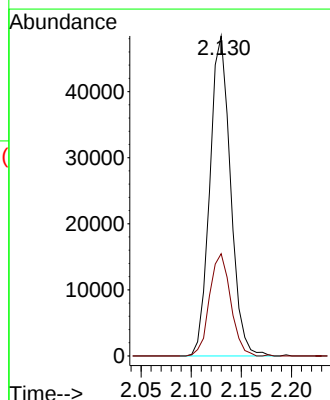
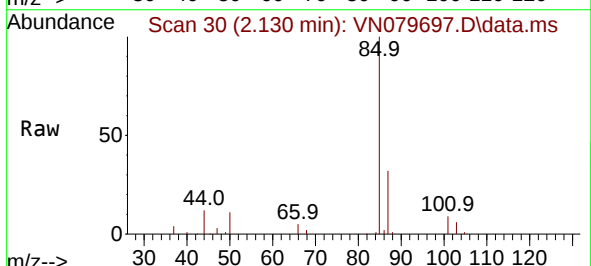
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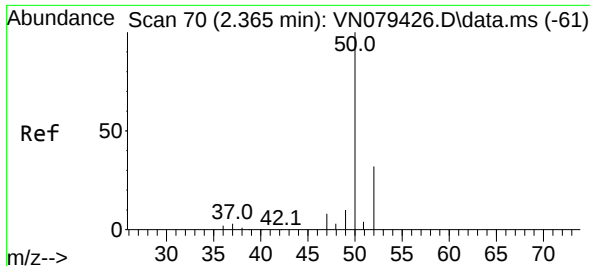
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#2
Dichlorodifluoromethane
Concen: 17.047 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion: 85 Resp: 69623
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





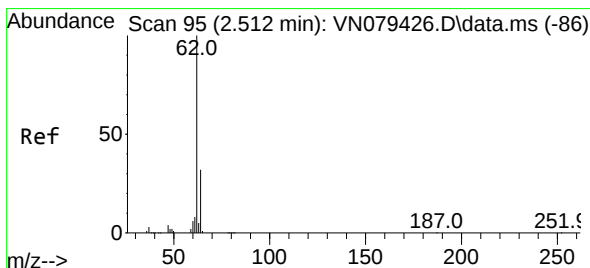
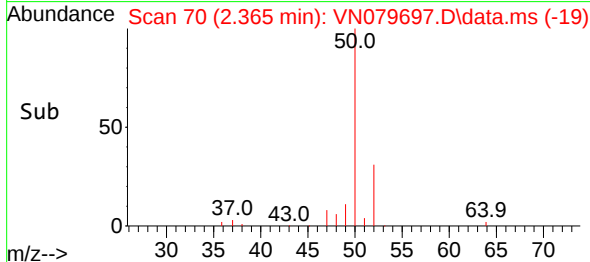
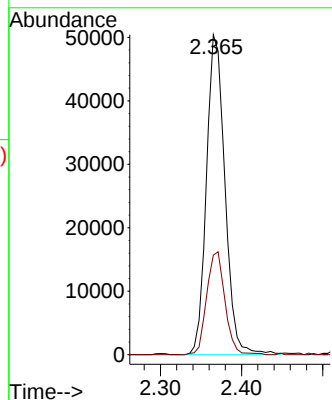
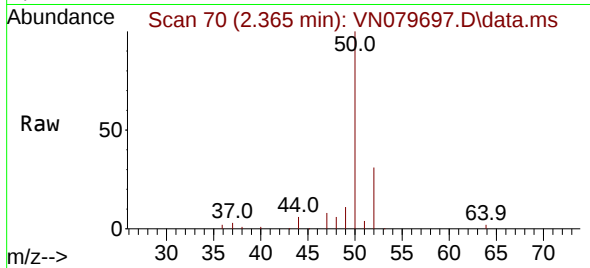
#3
Chloromethane
Concen: 15.660 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion: 50 Resp: 7980
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7

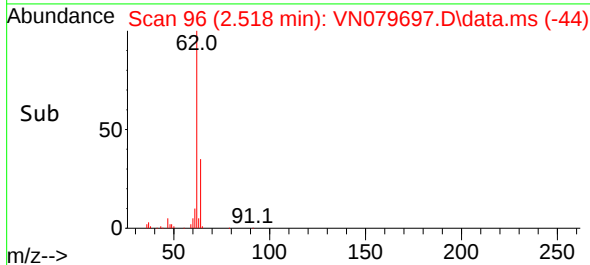
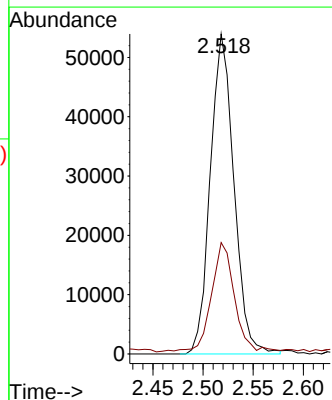
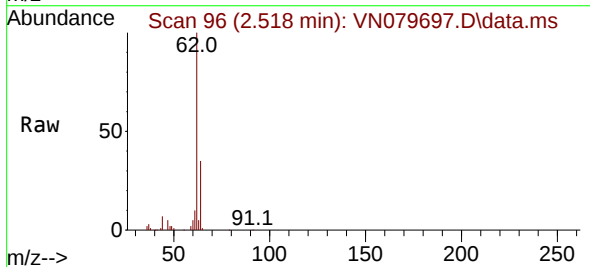
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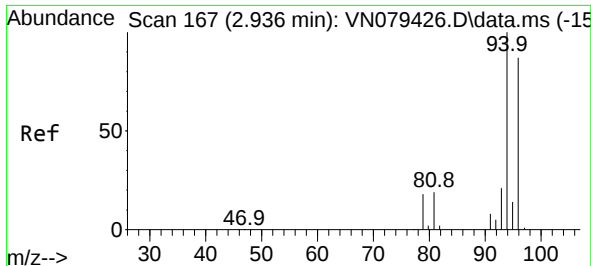
Reviewed By :John Carlone 10/27/2023
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#4
Vinyl Chloride
Concen: 16.704 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

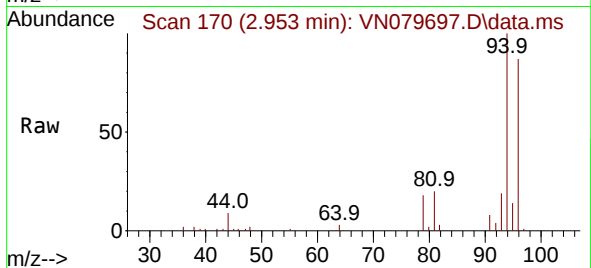
Tgt Ion: 62 Resp: 88543
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2





#5
Bromomethane
Concen: 21.124 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

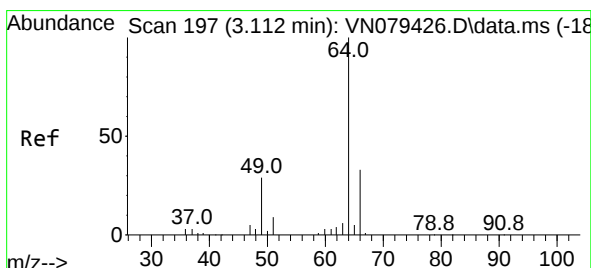
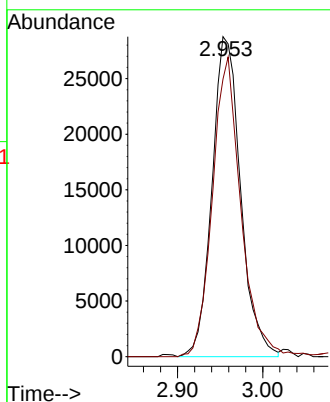
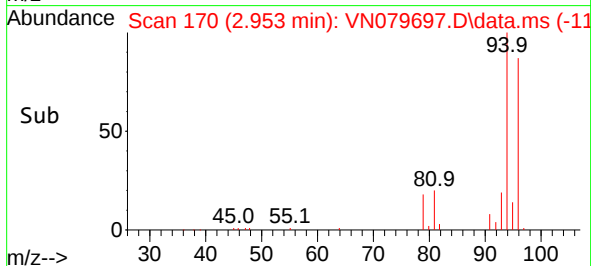
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Tgt Ion: 94 Resp: 6703
Ion Ratio Lower Upper
94 100
96 86.7 73.1 109.7

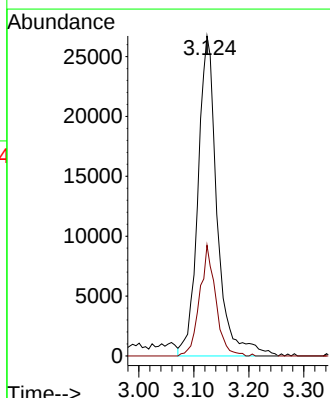
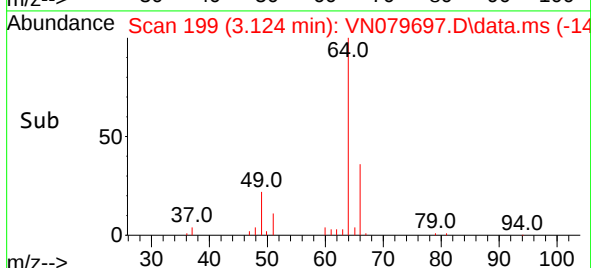
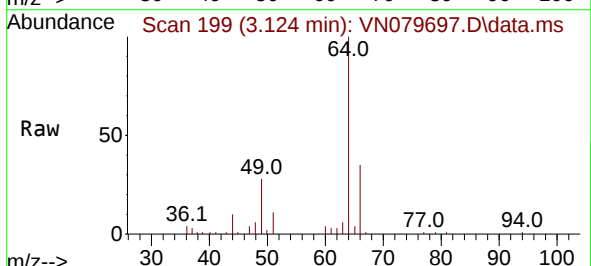
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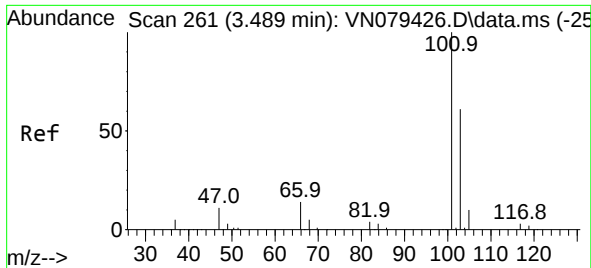
Reviewed By :John Carlone 10/27/2023
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#6
Chloroethane
Concen: 16.224 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion: 64 Resp: 64836
Ion Ratio Lower Upper
64 100
66 34.6 25.4 38.2





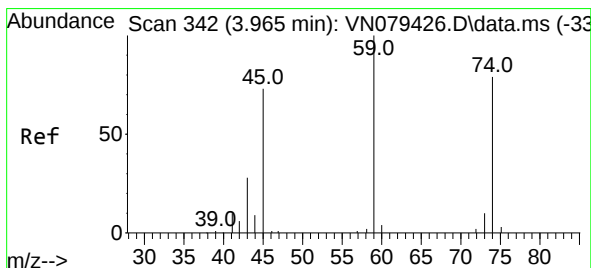
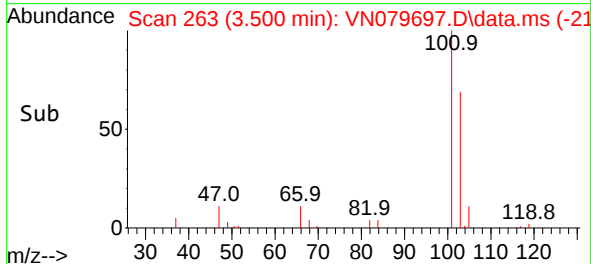
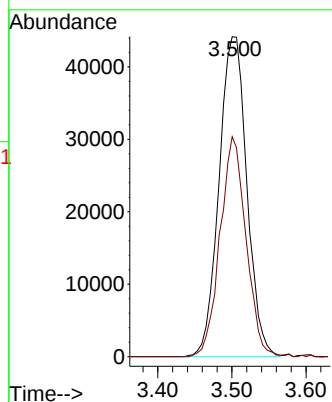
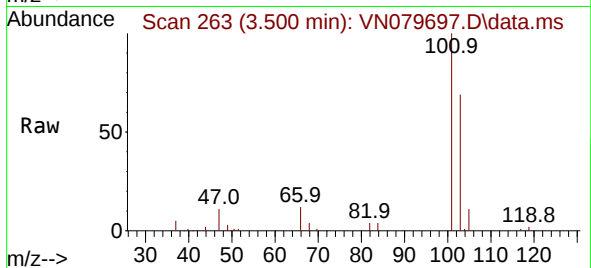
#7
 Trichlorofluoromethane
 Concen: 18.384 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.012 min
 Lab File: VN079697.D
 Acq: 26 Oct 2023 15:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBSD02

Tgt Ion:101 Resp: 115058
 Ion Ratio Lower Upper
 101 100
 103 68.8 50.7 76.1

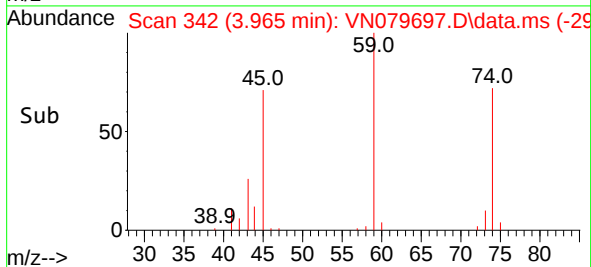
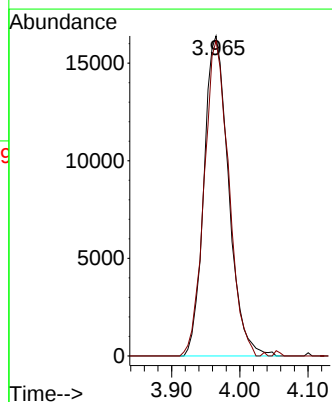
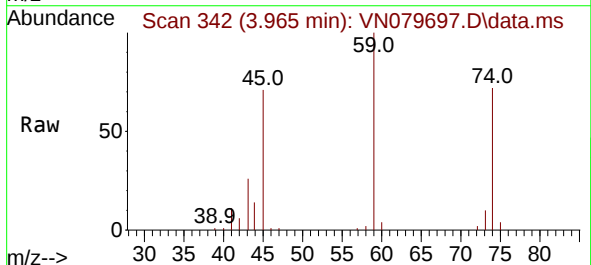
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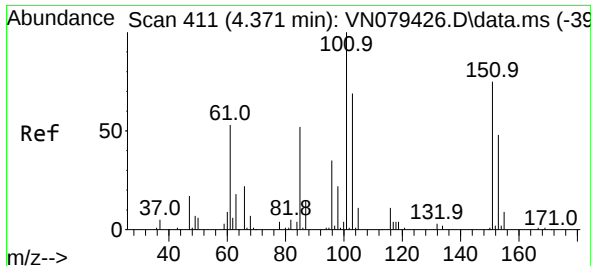
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#8
 Diethyl Ether
 Concen: 18.490 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN079697.D
 Acq: 26 Oct 2023 15:43

Tgt Ion: 74 Resp: 41255
 Ion Ratio Lower Upper
 74 100
 45 98.1 34.4 103.3





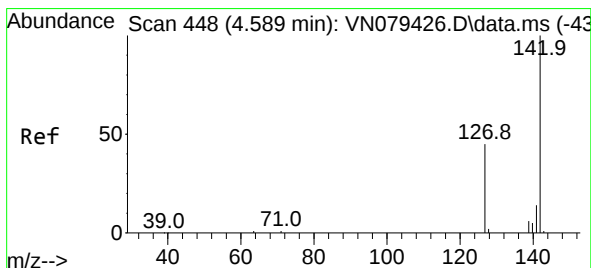
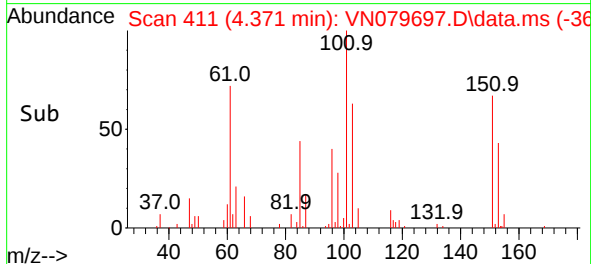
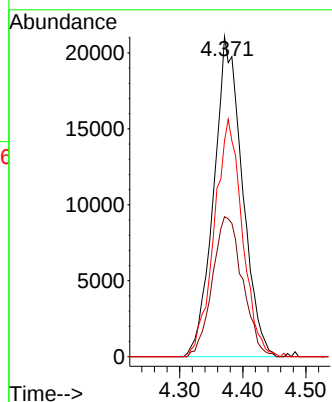
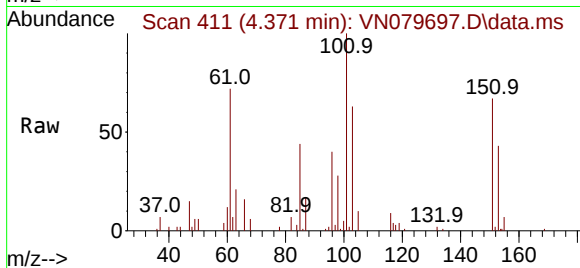
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.150 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion:101 Resp: 66379
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 72.9 57.6 86.4

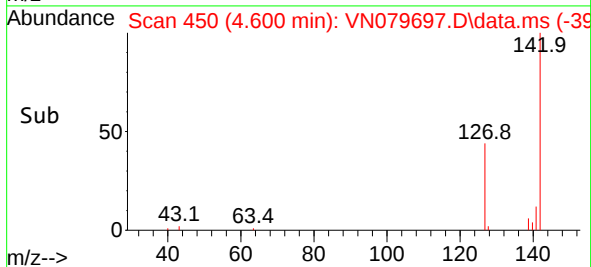
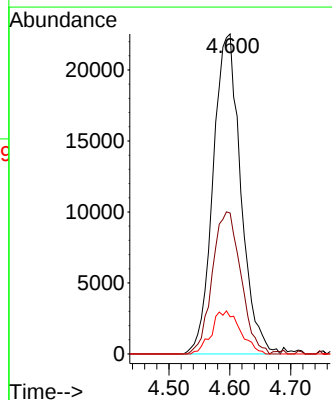
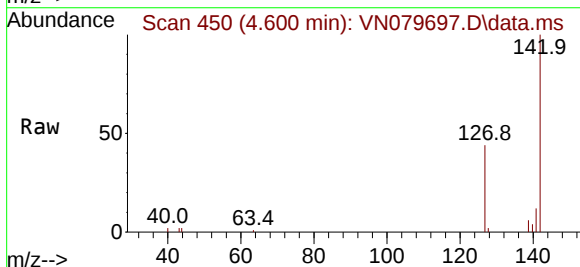
Manual Integrations
APPROVED

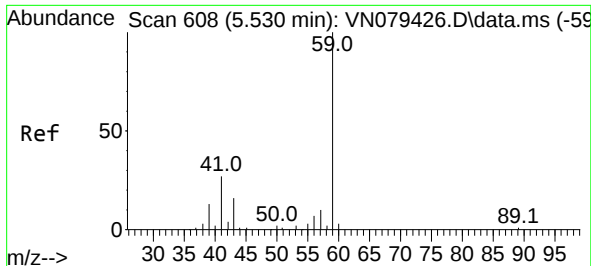
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#10
Methyl Iodide
Concen: 22.402 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.011 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

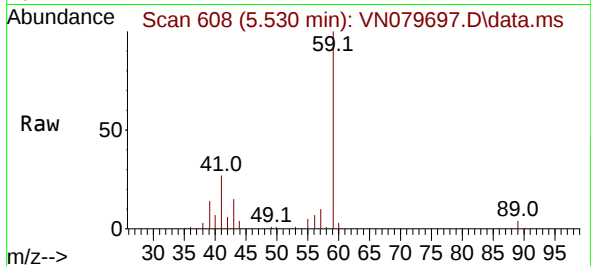
Tgt Ion:142 Resp: 71096
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 11.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 80.333 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

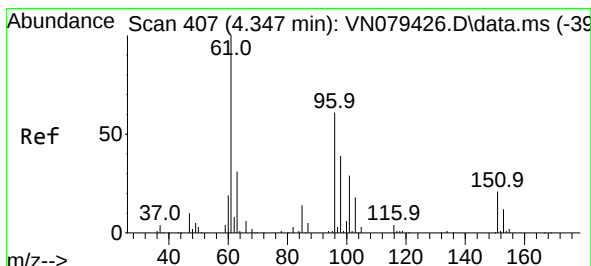
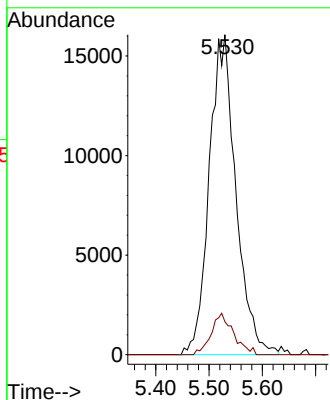
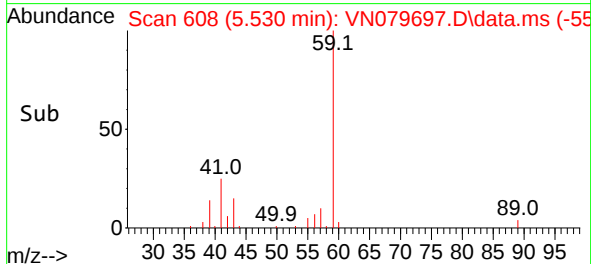
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



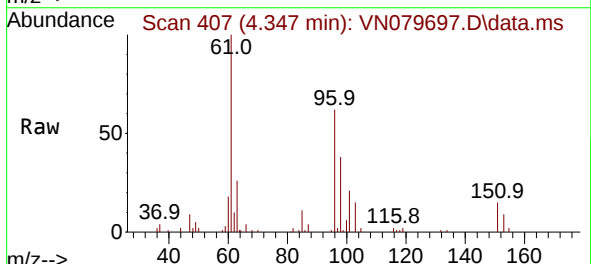
Tgt Ion: 59 Resp: 5587
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

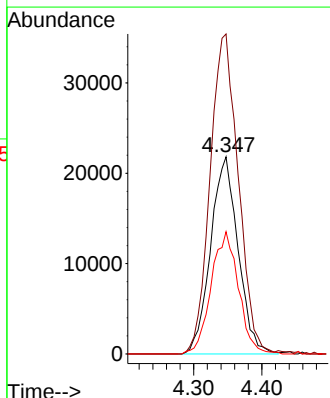
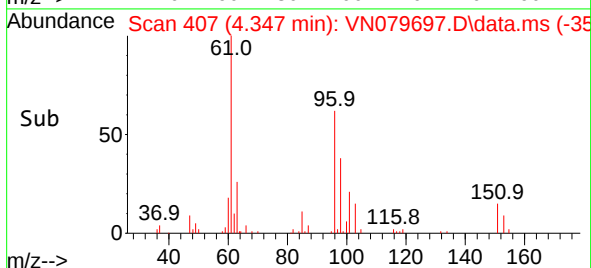
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

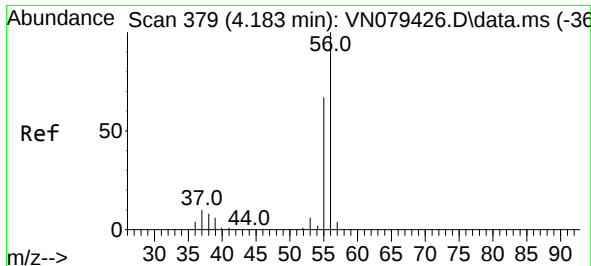


#12
1,1-Dichloroethene
Concen: 18.191 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



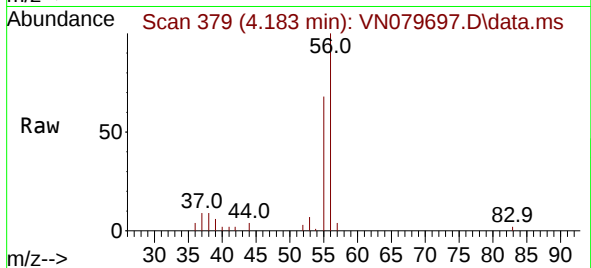
Tgt Ion: 96 Resp: 61258
Ion Ratio Lower Upper
96 100
61 162.3 112.7 169.1
98 62.0 51.2 76.8





#13
Acrolein
Concen: 78.170 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

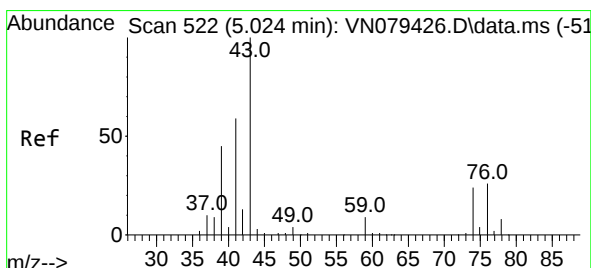
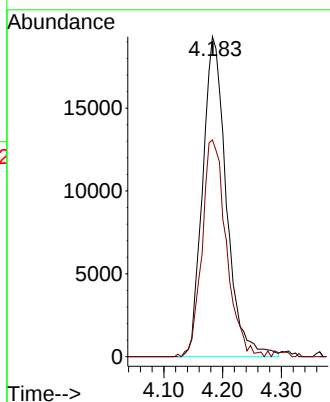
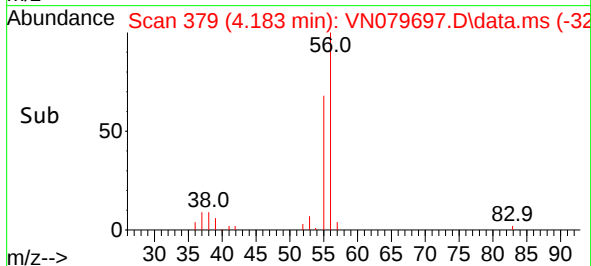
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



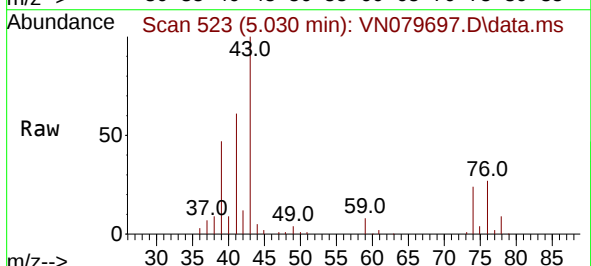
Tgt Ion: 56 Resp: 54138
Ion Ratio Lower Upper
56 100
55 69.2 54.5 81.7

Manual Integrations
APPROVED

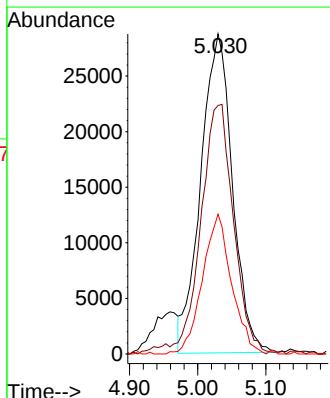
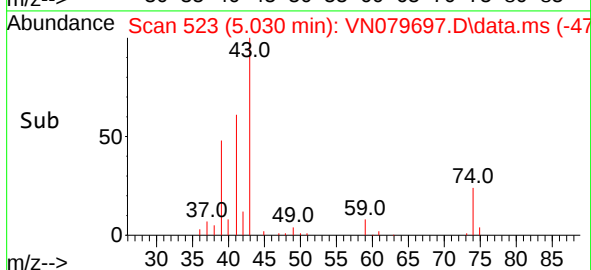
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

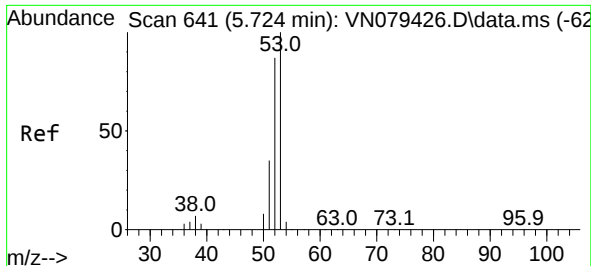


#14
Allyl chloride
Concen: 17.097 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



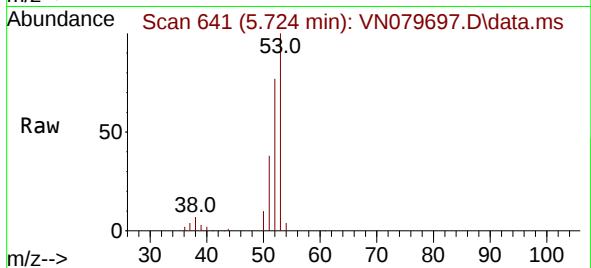
Tgt Ion: 41 Resp: 92908
Ion Ratio Lower Upper
41 100
39 81.7 58.8 88.2
76 40.2 39.1 58.7





#15
Acrylonitrile
Concen: 92.180 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

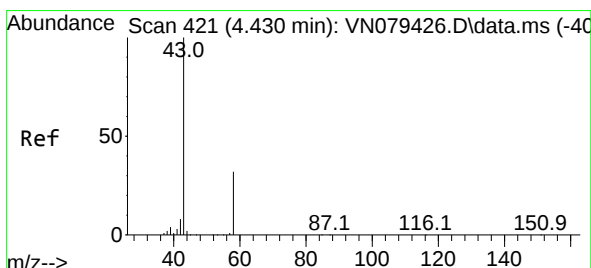
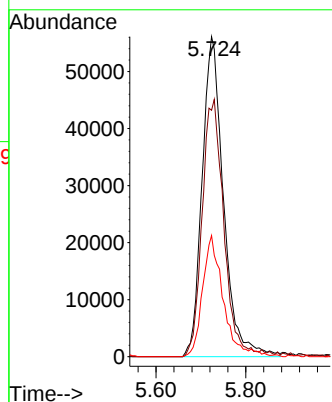
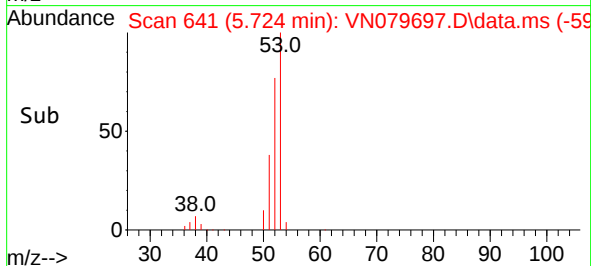
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



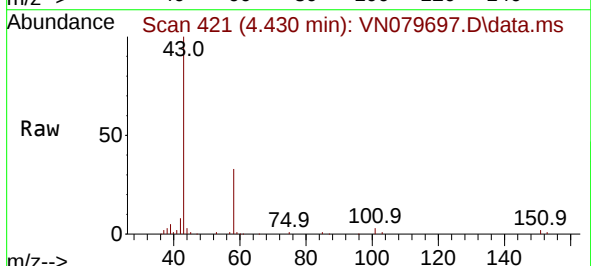
Tgt Ion: 53 Resp: 185879
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 36.5 28.9 43.3

Manual Integrations
APPROVED

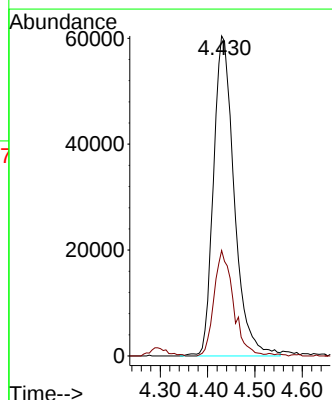
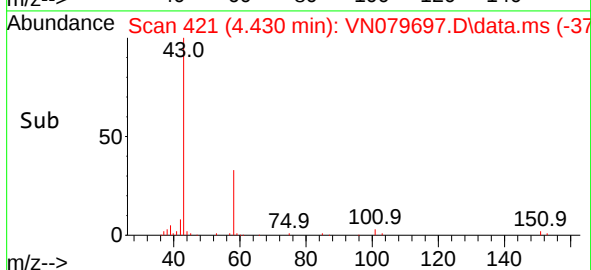
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

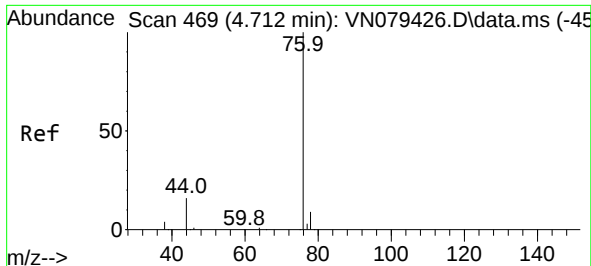


#16
Acetone
Concen: 100.474 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



Tgt Ion: 43 Resp: 184165
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0





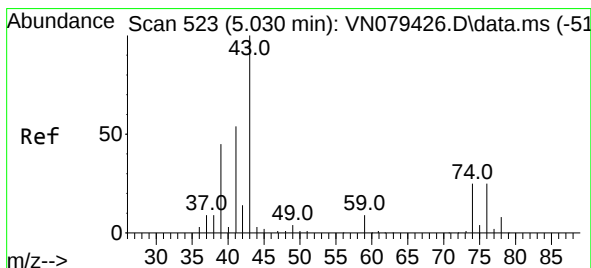
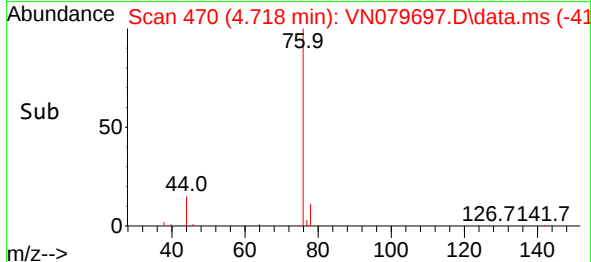
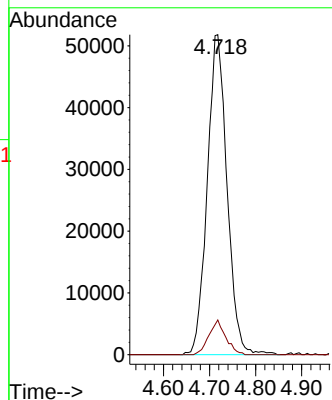
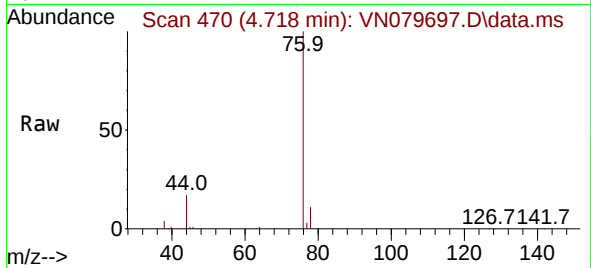
#17
Carbon Disulfide
Concen: 14.739 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion: 76 Resp: 15482
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

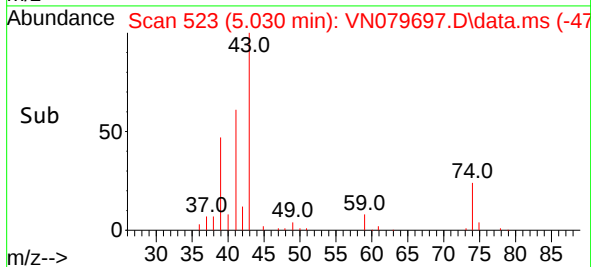
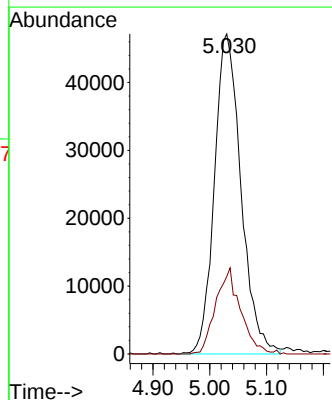
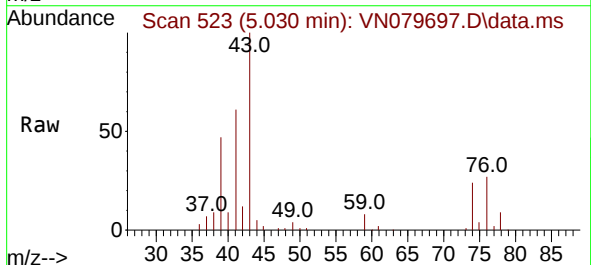
Manual Integrations
APPROVED

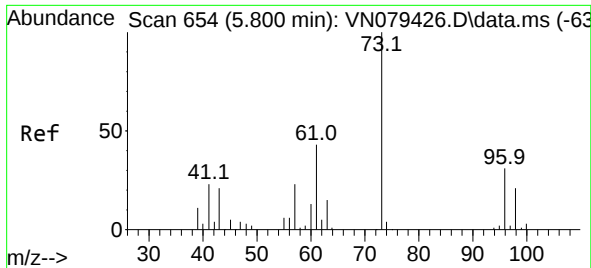
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#18
Methyl Acetate
Concen: 17.101 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion: 43 Resp: 153416
Ion Ratio Lower Upper
43 100
74 25.2 26.2 39.4#





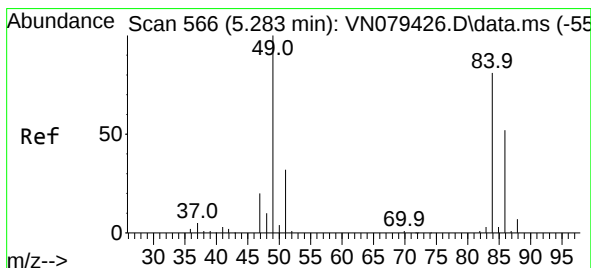
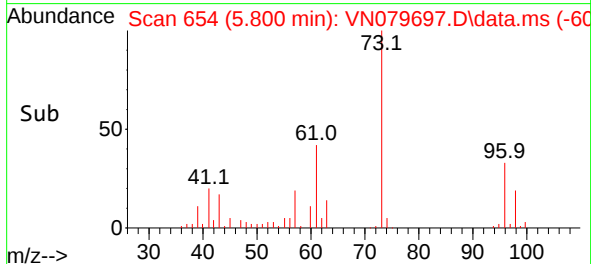
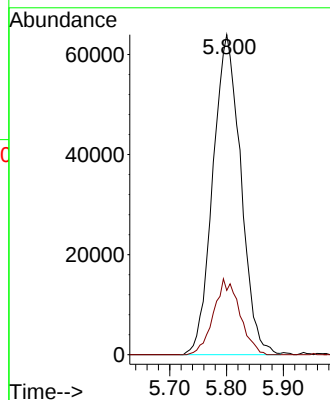
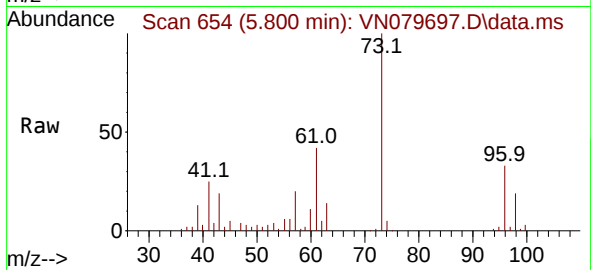
#19
Methyl tert-butyl Ether
Concen: 19.946 ug/l
RT: 5.800 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion: 73 Resp: 218230
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4

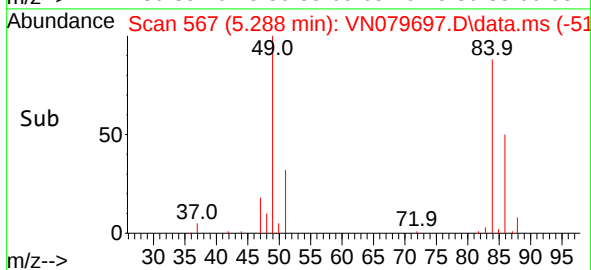
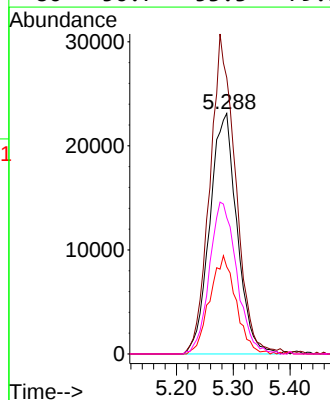
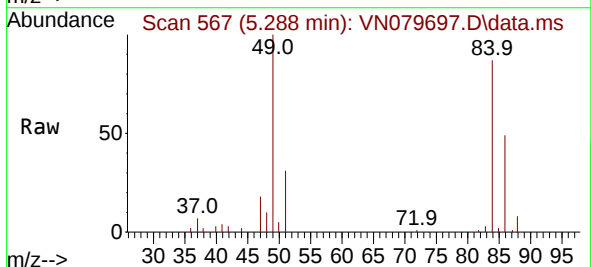
Manual Integrations
APPROVED

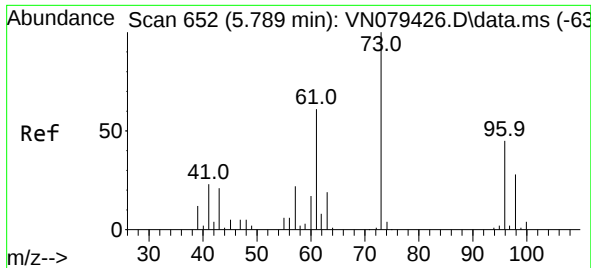
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#20
Methylene Chloride
Concen: 18.751 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion: 84 Resp: 76773
Ion Ratio Lower Upper
84 100
49 114.9 79.7 119.5
51 36.2 25.2 37.8
86 56.7 53.3 79.9





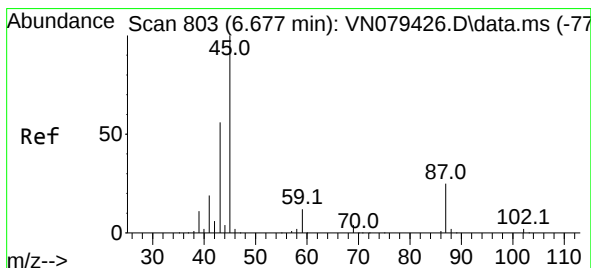
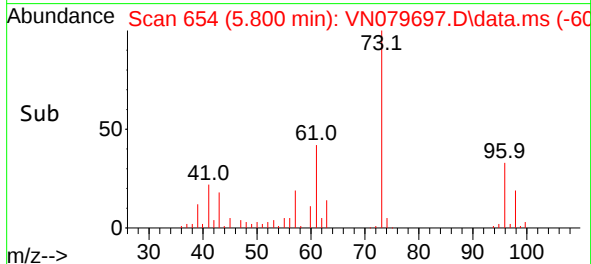
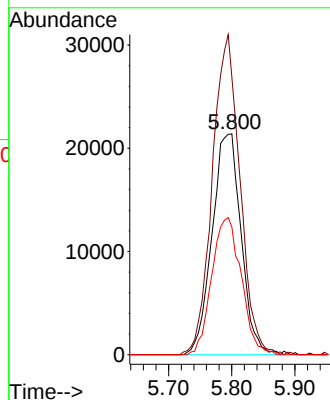
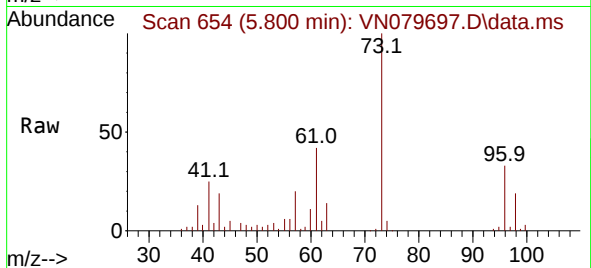
#21
trans-1,2-Dichloroethene
Concen: 17.346 ug/l
RT: 5.800 min Scan# 612
Delta R.T. 0.012 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion: 96 Resp: 68225
Ion Ratio Lower Upper
96 100
61 125.5 90.1 135.1
98 57.8 46.4 69.6

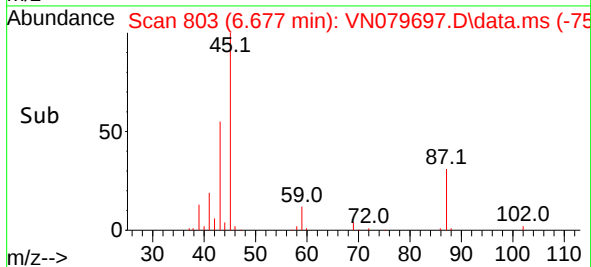
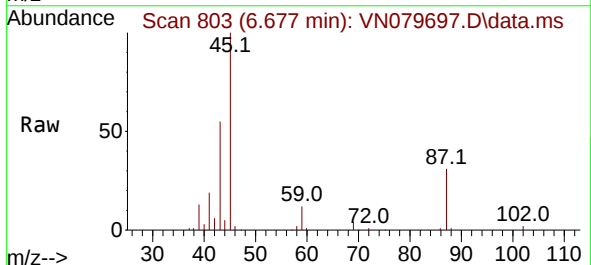
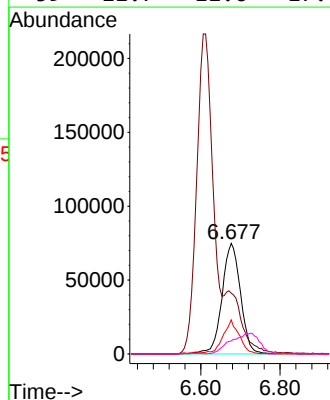
Manual Integrations
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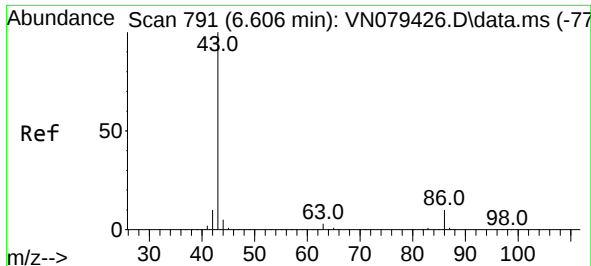
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#22
Diisopropyl ether
Concen: 19.916 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion: 45 Resp: 242686
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 30.9 31.8 47.8#
59 11.7 11.6 17.4





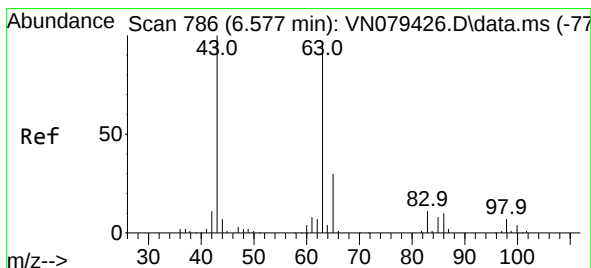
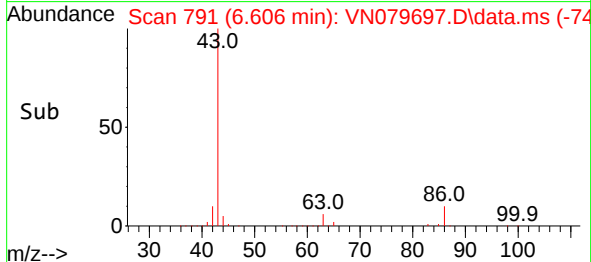
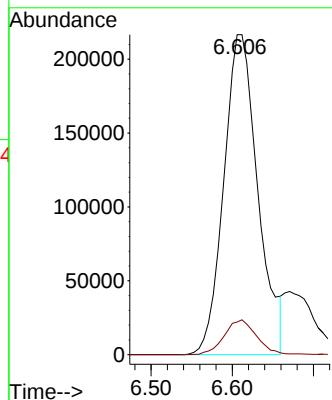
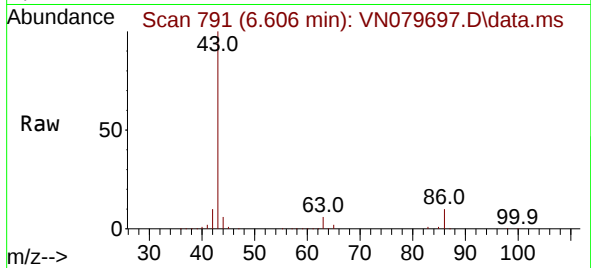
#23
 Vinyl Acetate
 Concen: 92.157 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079697.D
 Acq: 26 Oct 2023 15:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBSD02

Tgt Ion: 43 Resp: 631679
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6

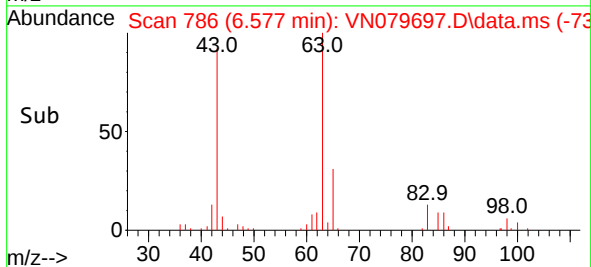
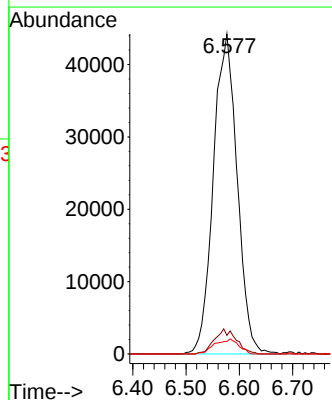
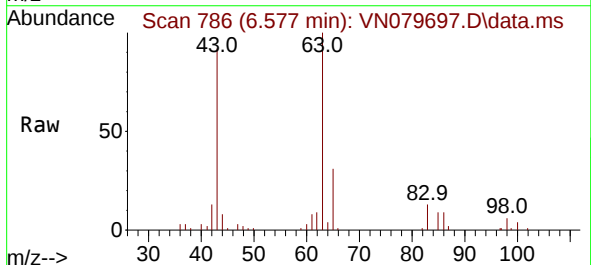
Manual Integrations
 APPROVED

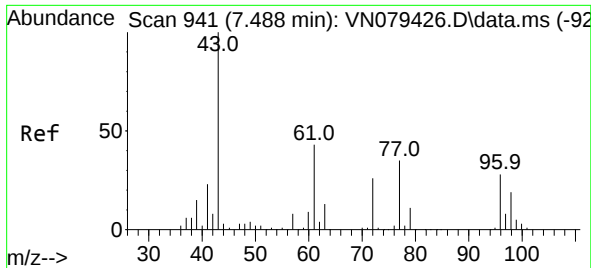
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#24
 1,1-Dichloroethane
 Concen: 18.398 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079697.D
 Acq: 26 Oct 2023 15:43

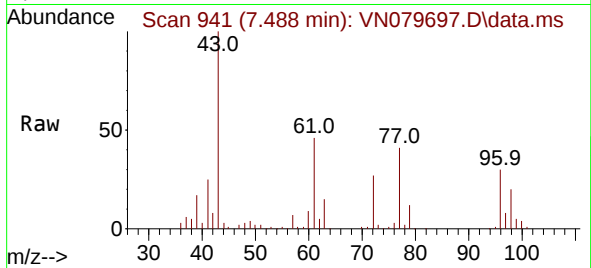
Tgt Ion: 63 Resp: 137205
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 92.760 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

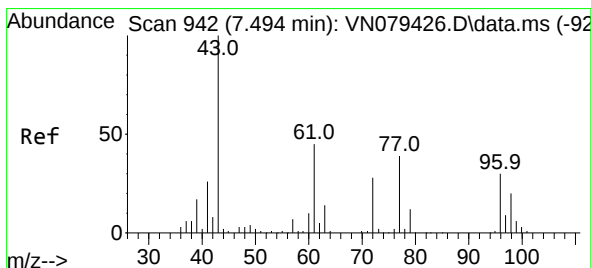
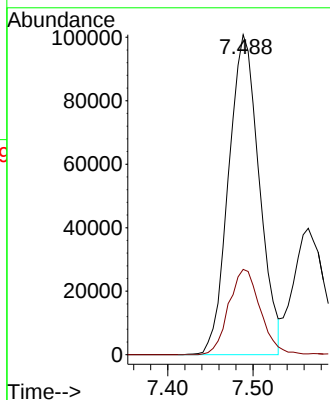
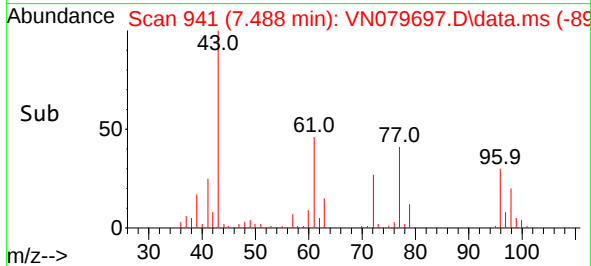
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



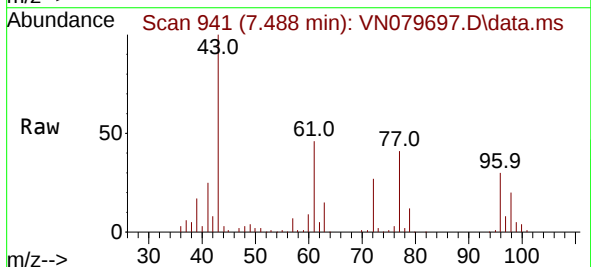
Tgt Ion: 43 Resp: 25235
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2

Manual Integrations
APPROVED

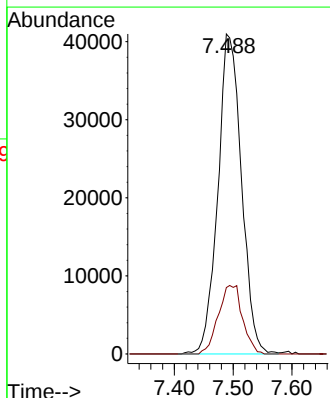
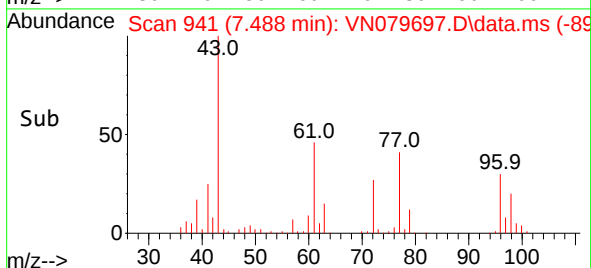
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

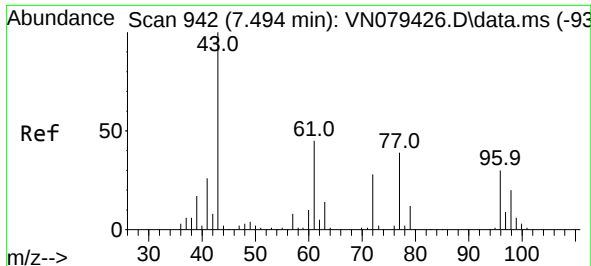


#26
2,2-Dichloropropane
Concen: 20.071 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



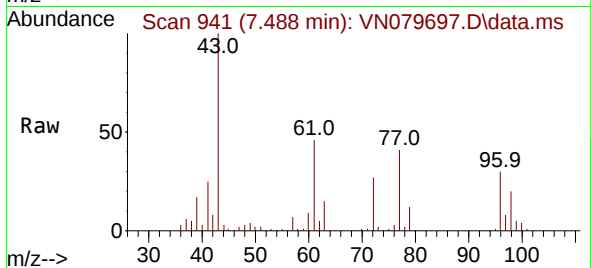
Tgt Ion: 77 Resp: 114392
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.108 ug/l
 RT: 7.488 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN079697.D
 Acq: 26 Oct 2023 15:43

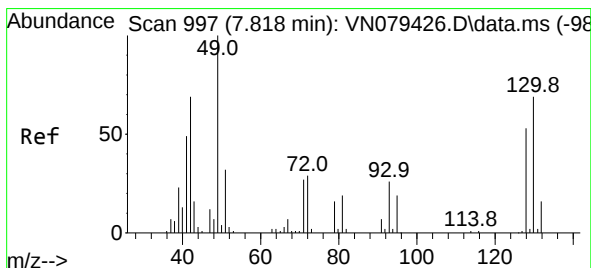
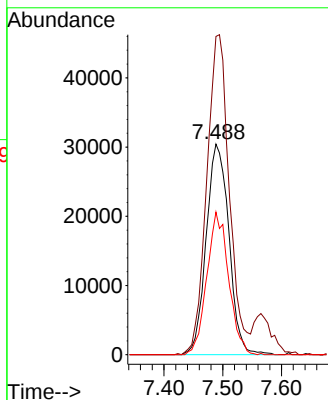
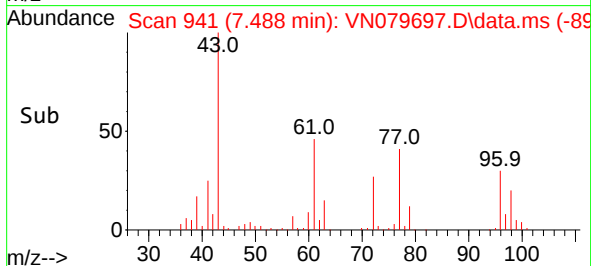
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBS02



Tgt Ion: 96 Resp: 81649
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 255.2
 98 65.0 0.0 128.8

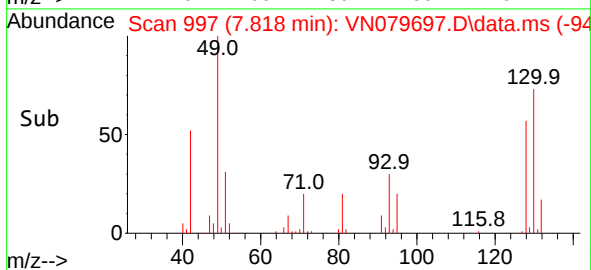
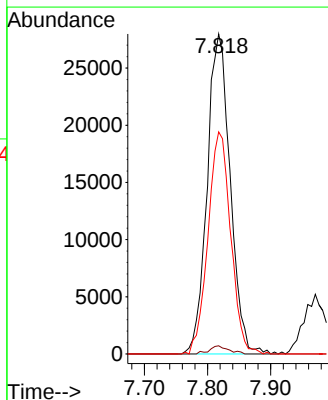
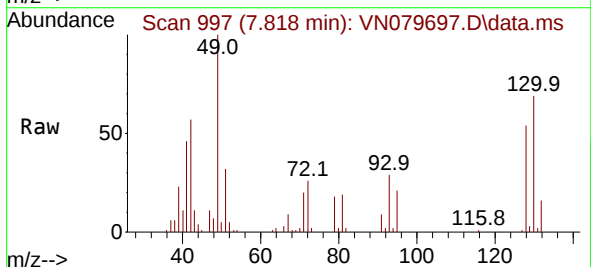
Manual Integrations
 APPROVED

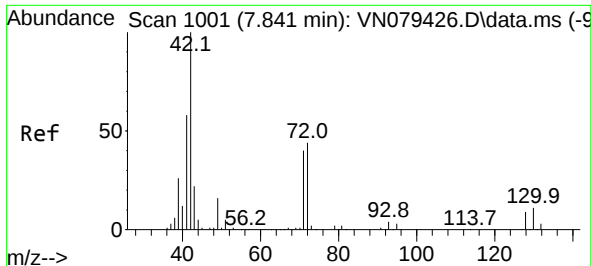
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#28
 Bromochloromethane
 Concen: 19.993 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079697.D
 Acq: 26 Oct 2023 15:43

Tgt Ion: 49 Resp: 70943
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 68.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 90.008 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion: 42 Resp: 15836

Ion Ratio Lower Upper

42 100

72 43.5 49.8 74.6

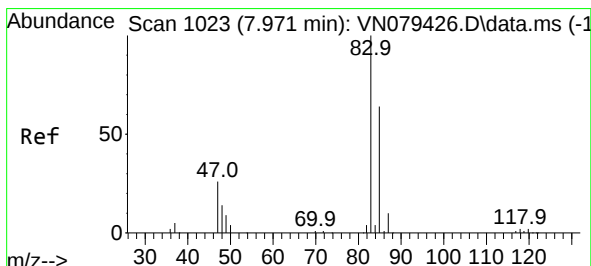
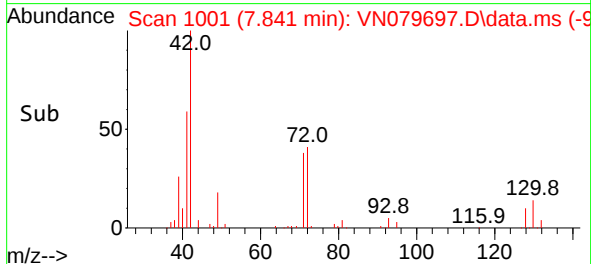
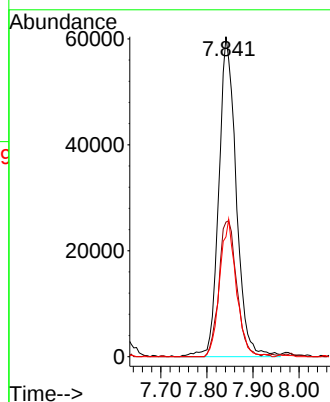
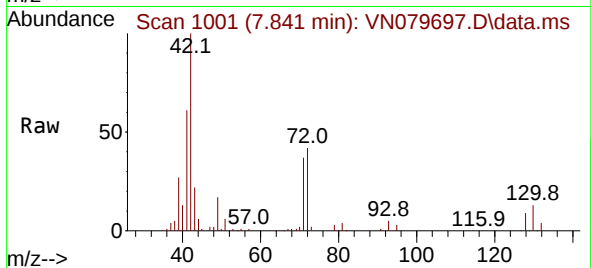
71 40.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#30

Chloroform

Concen: 18.469 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079697.D

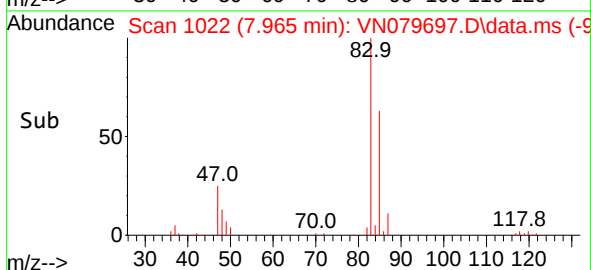
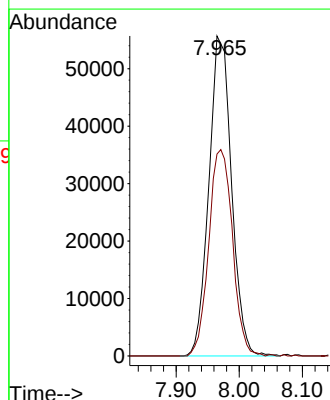
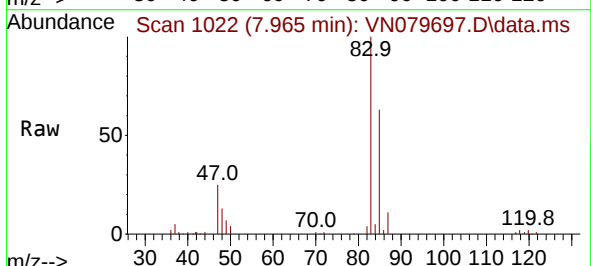
Acq: 26 Oct 2023 15:43

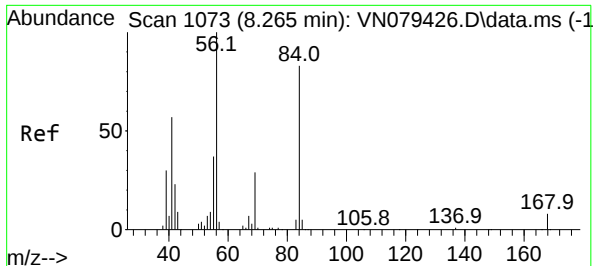
Tgt Ion: 83 Resp: 139169

Ion Ratio Lower Upper

83 100

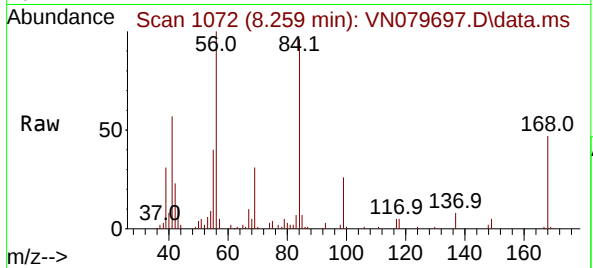
85 63.1 55.4 83.0





#31
Cyclohexane
Concen: 16.891 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

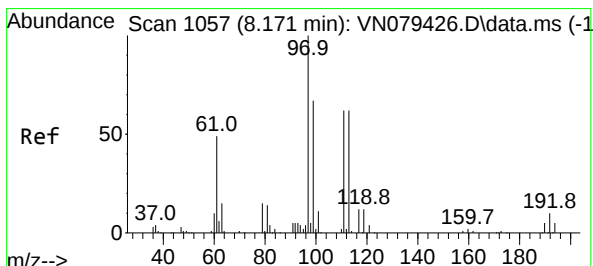
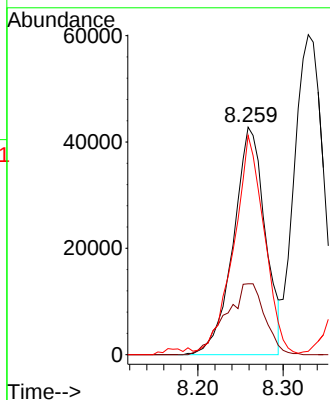
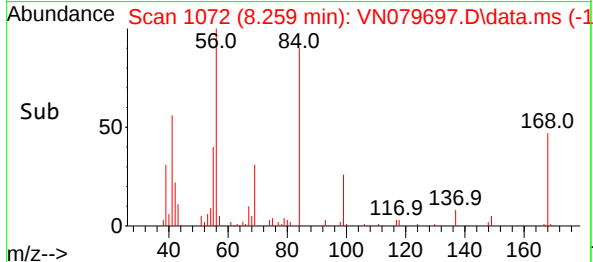
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



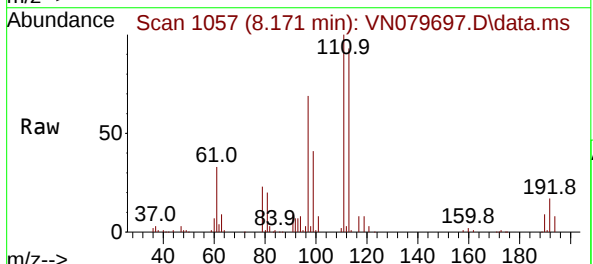
Tgt Ion: 56 Resp: 110724
Ion Ratio Lower Upper
56 100
69 31.1 26.8 40.2
84 93.8 81.8 122.6

Manual Integrations
APPROVED

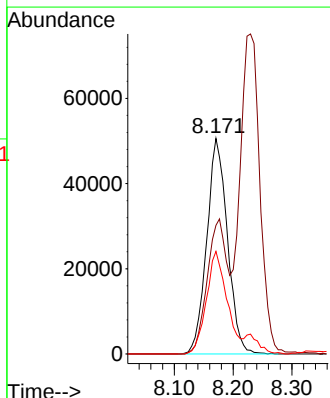
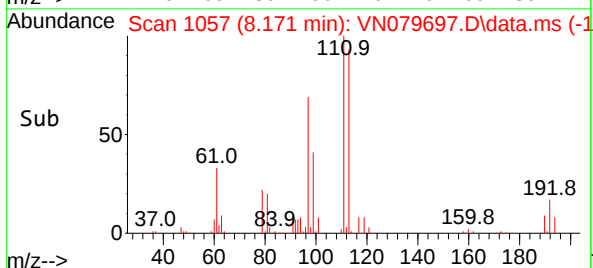
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

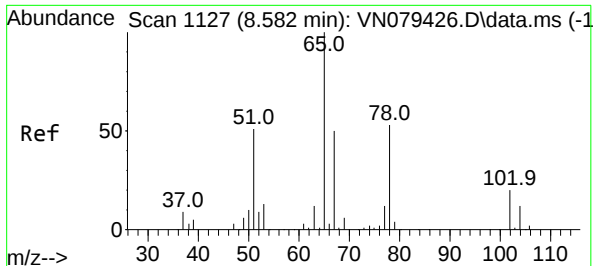


#32
1,1,1-Trichloroethane
Concen: 19.509 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



Tgt Ion: 97 Resp: 123712
Ion Ratio Lower Upper
97 100
99 59.8 50.3 75.5
61 48.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.086 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion: 65 Resp: 208354

Ion Ratio Lower Upper

65 100

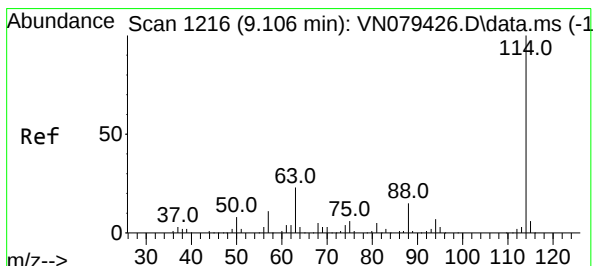
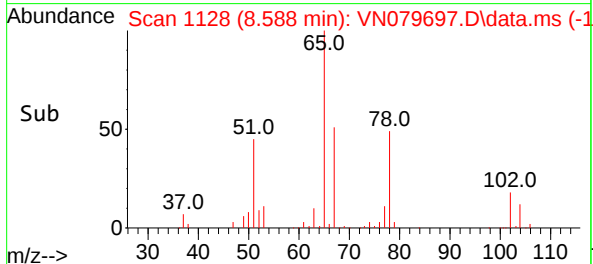
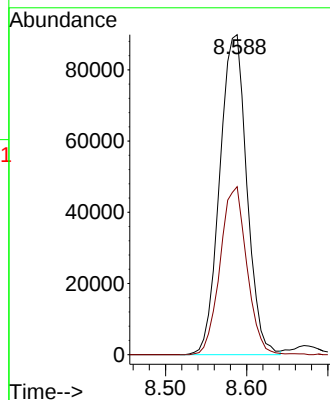
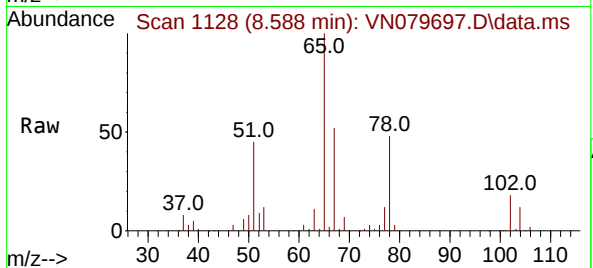
67 51.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

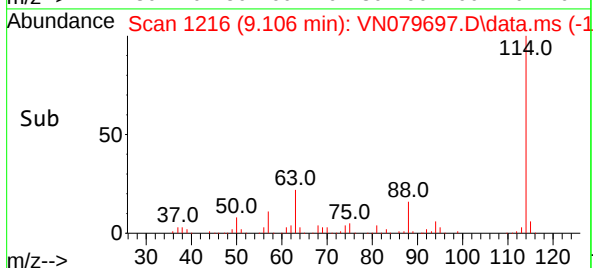
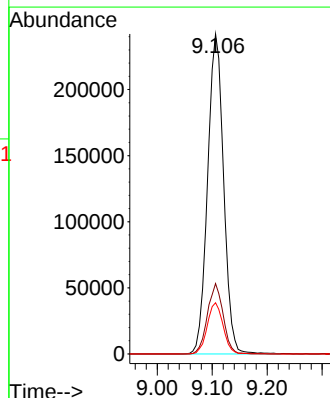
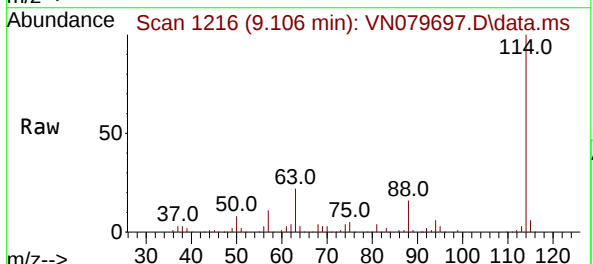
Tgt Ion:114 Resp: 490277

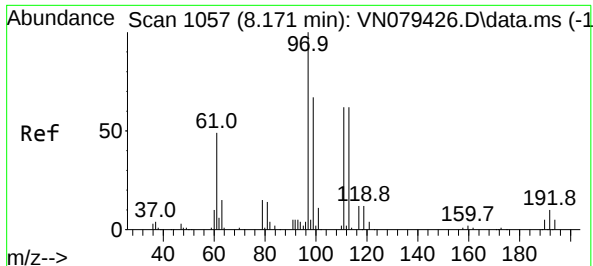
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.872 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion: 113 Resp: 16514

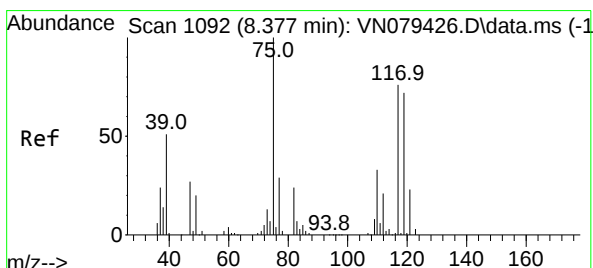
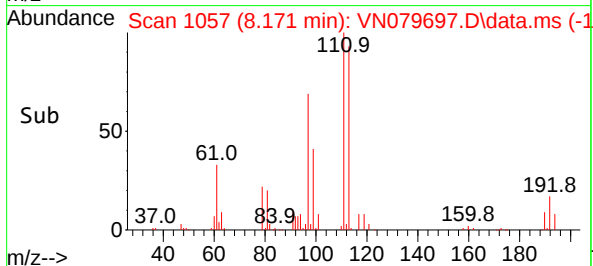
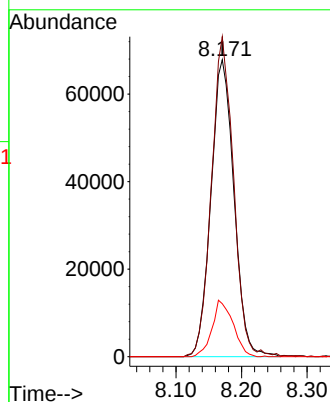
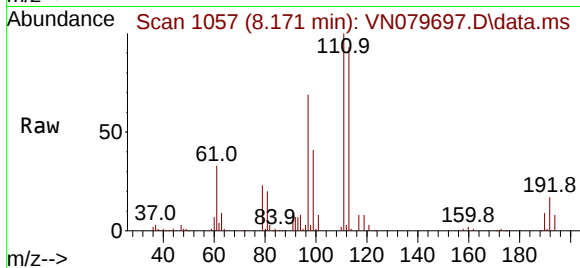
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	123.8
192	17.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/27/2023

Supervised By : Mahesh Dadoda 10/27/2023



#36

1,1-Dichloropropene

Concen: 19.312 ug/l

RT: 8.371 min Scan# 1091

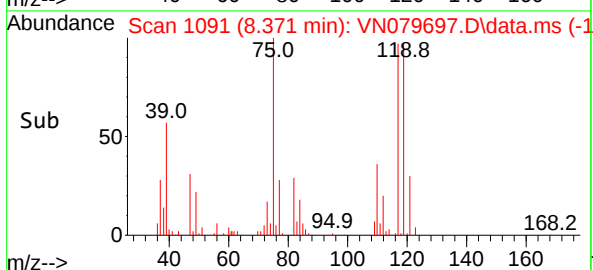
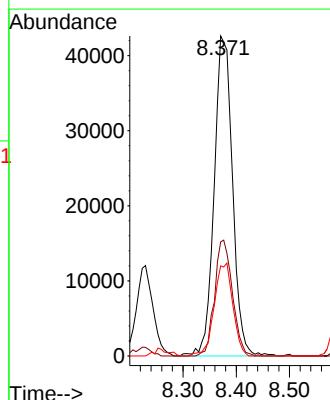
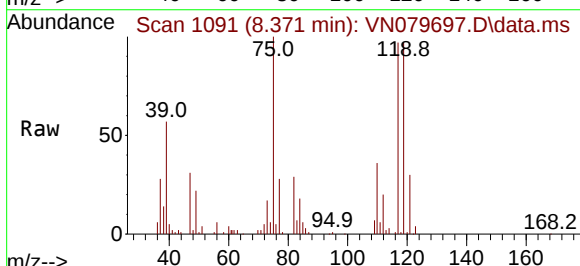
Delta R.T. -0.006 min

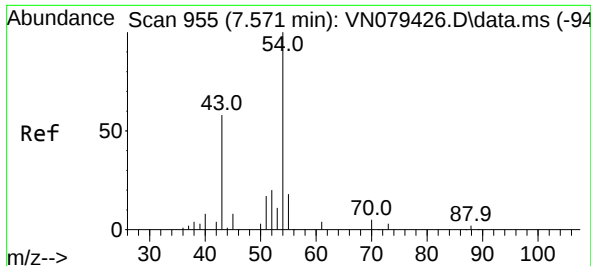
Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Tgt Ion: 75 Resp: 102121

Ion	Ratio	Lower	Upper
75	100		
110	35.1	19.1	57.3
77	29.3	25.0	37.4





#37

Ethyl Acetate

Concen: 19.040 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079697.D

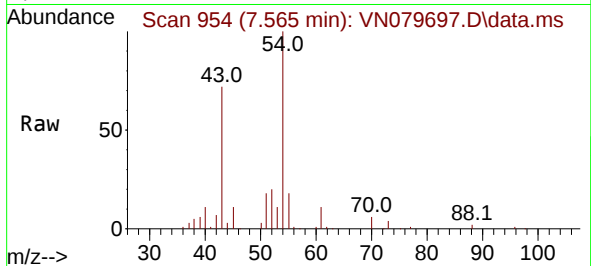
Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBSD02



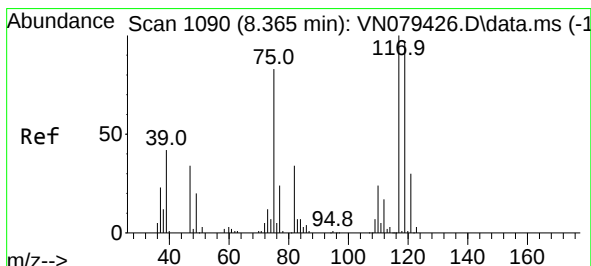
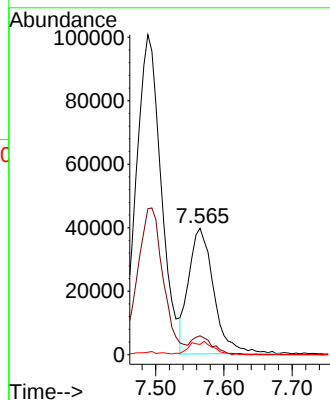
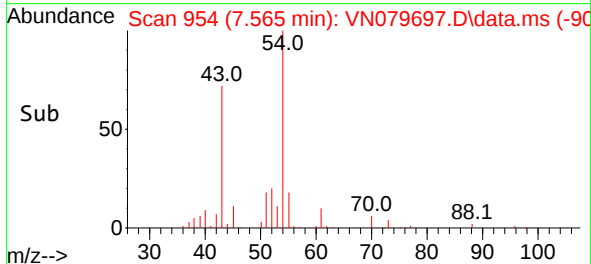
Tgt Ion:	43	Resp:	100184
Ion	Ratio	Lower	Upper
43	100		
61	12.5	13.2	19.8
70	10.1	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#38

Carbon Tetrachloride

Concen: 19.605 ug/l

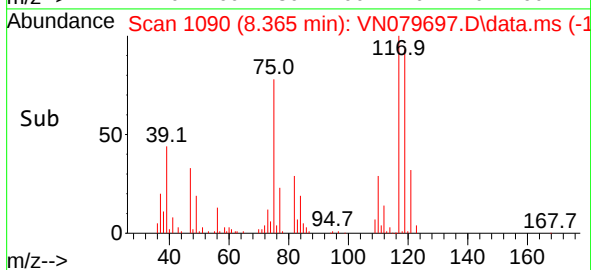
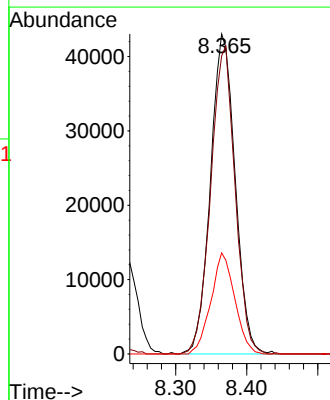
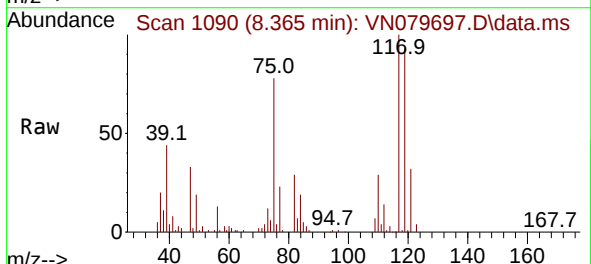
RT: 8.365 min Scan# 1090

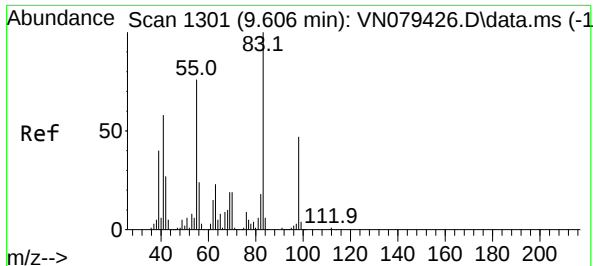
Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

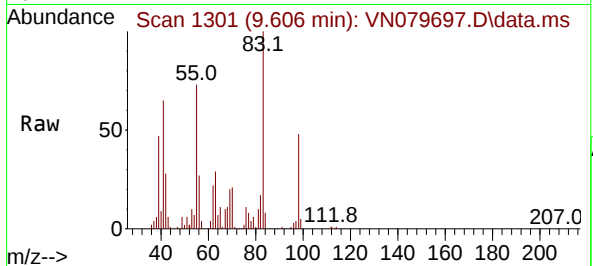
Tgt Ion:	117	Resp:	103787
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.3	115.9
121	31.6	23.3	34.9





#39
Methylcyclohexane
Concen: 18.587 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

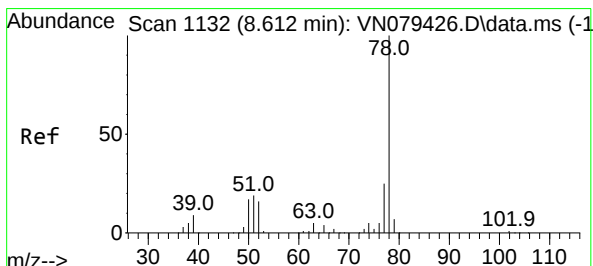
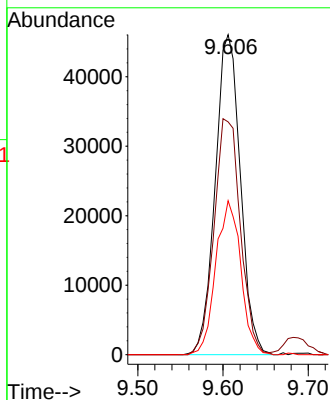
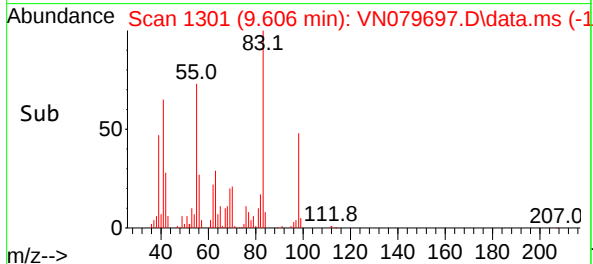
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



Tgt Ion: 83 Resp: 9443
Ion Ratio Lower Upper
83 100
55 72.8 49.1 73.7
98 48.1 40.6 61.0

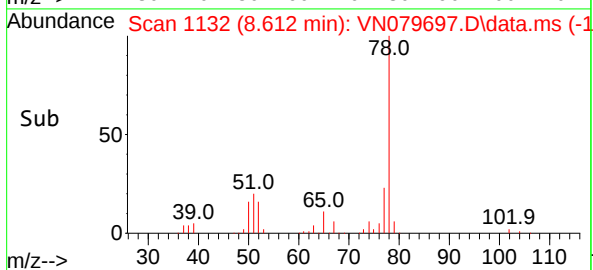
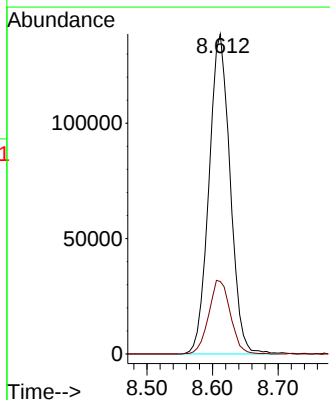
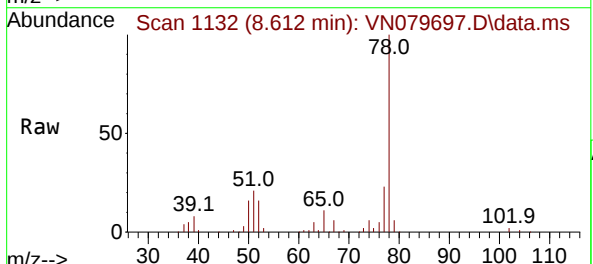
Manual Integrations
APPROVED

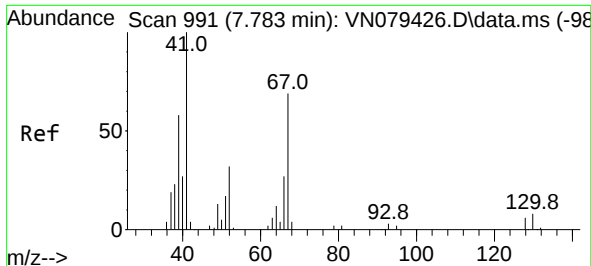
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#40
Benzene
Concen: 19.742 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion: 78 Resp: 310029
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 19.152 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

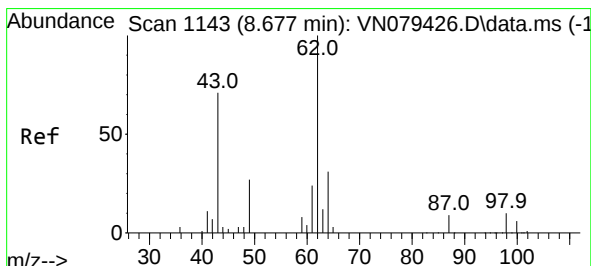
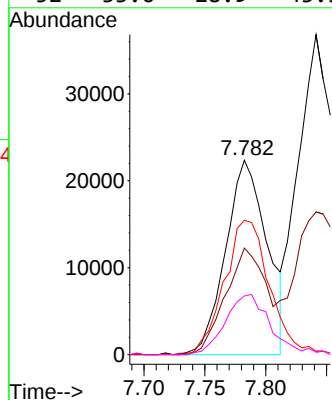
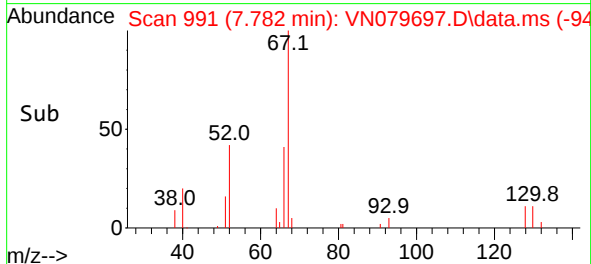
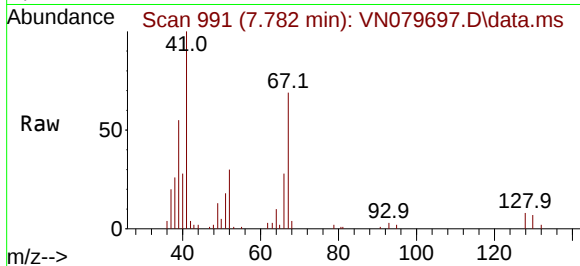
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion: 41 Resp: 52978

Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.6	64.0
67	75.6	77.5	116.3
52	33.6	28.9	43.3

Manual Integrations
APPROVED

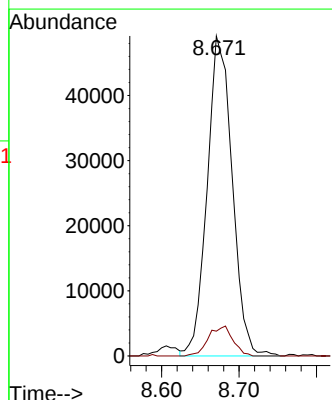
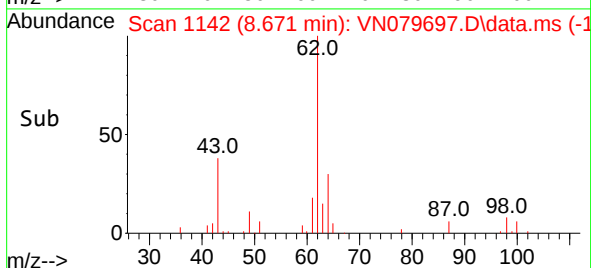
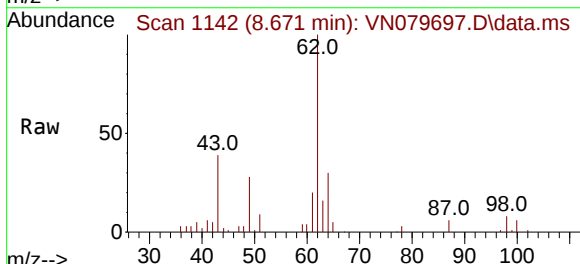
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

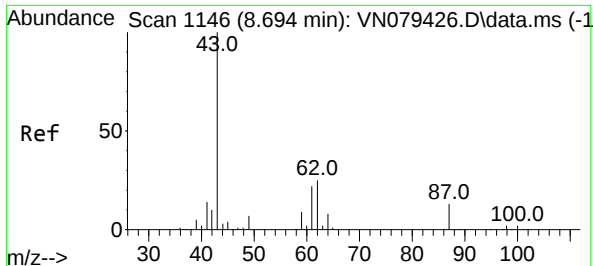


#42
1,2-Dichloroethane
Concen: 19.341 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion: 62 Resp: 110367

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.8





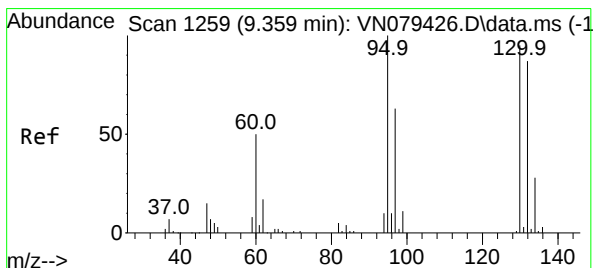
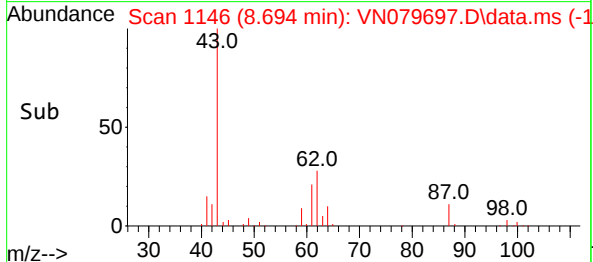
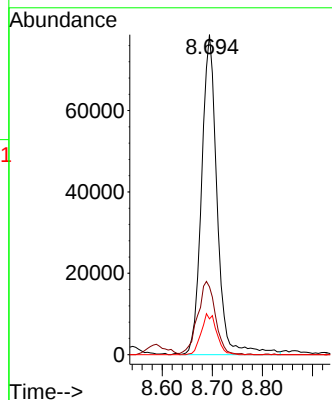
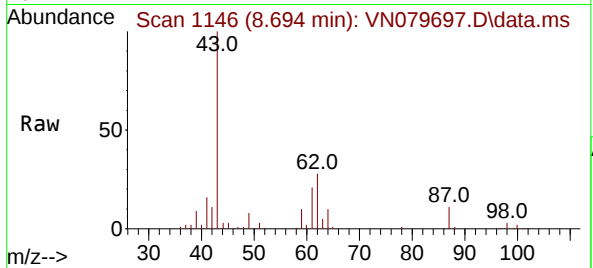
#43
Isopropyl Acetate
Concen: 18.388 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion: 43 Resp: 169510
Ion Ratio Lower Upper
43 100
61 26.1 24.7 37.1
87 12.7 14.6 21.8

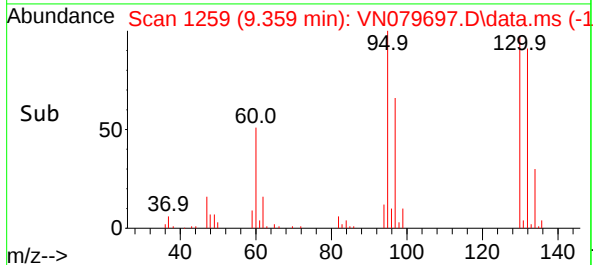
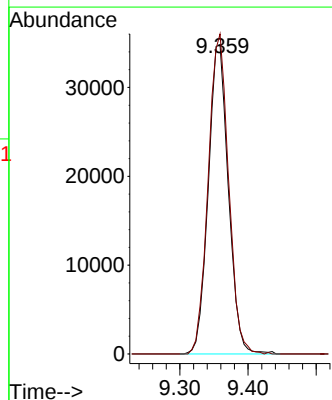
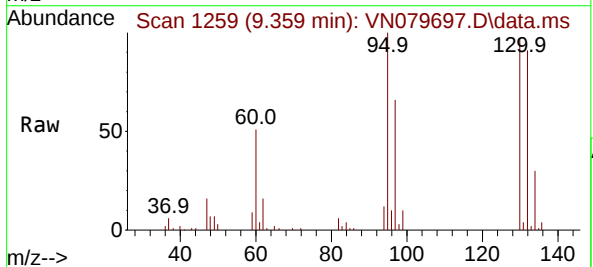
Manual Integrations
APPROVED

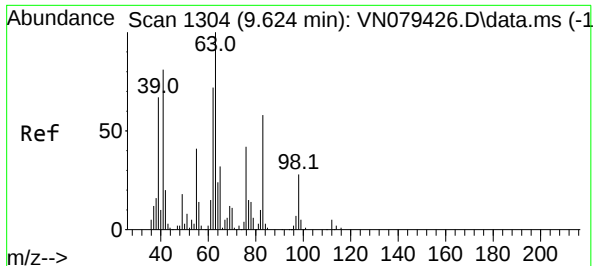
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#44
Trichloroethene
Concen: 19.351 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

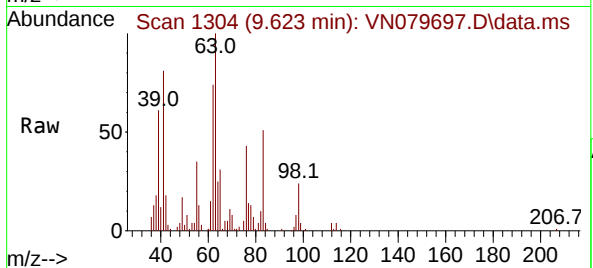
Tgt Ion:130 Resp: 71526
Ion Ratio Lower Upper
130 100
95 103.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 19.998 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

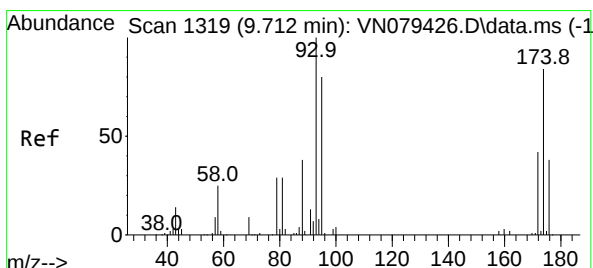
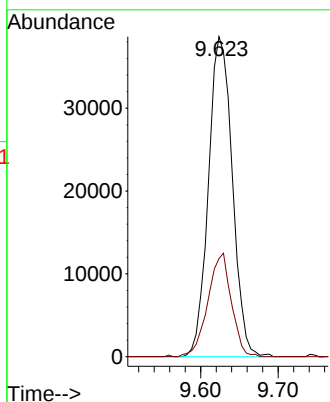
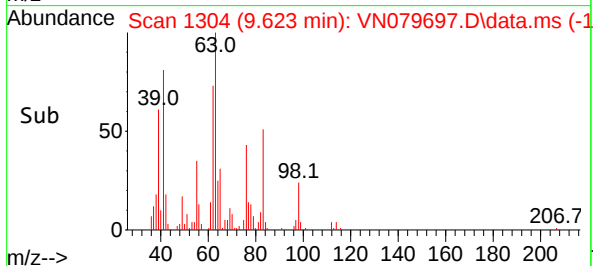
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



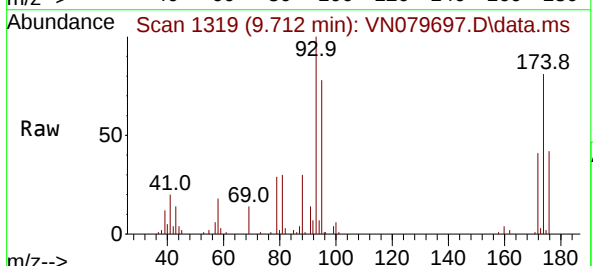
Tgt Ion: 63 Resp: 82740
Ion Ratio Lower Upper
63 100
65 30.7 23.9 35.9

Manual Integrations
APPROVED

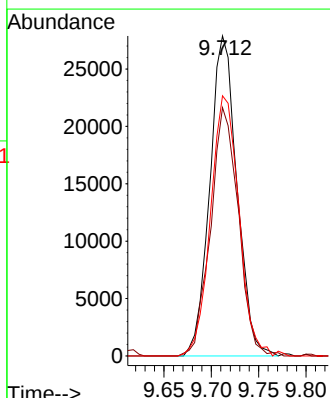
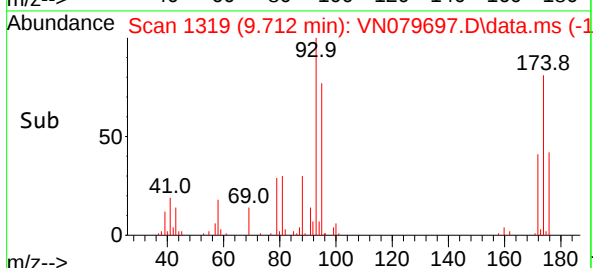
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

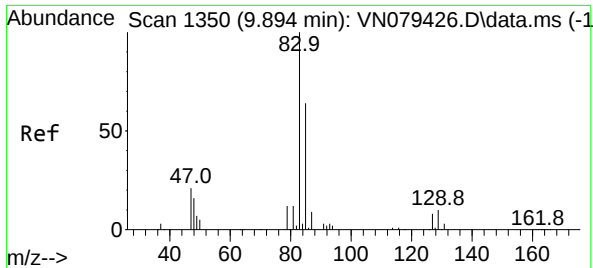


#46
Dibromomethane
Concen: 20.785 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



Tgt Ion: 93 Resp: 55701
Ion Ratio Lower Upper
93 100
95 79.2 63.8 95.8
174 85.2 65.6 98.4





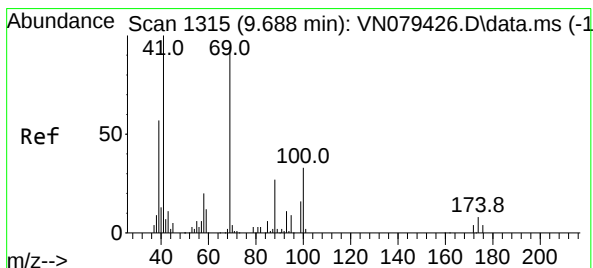
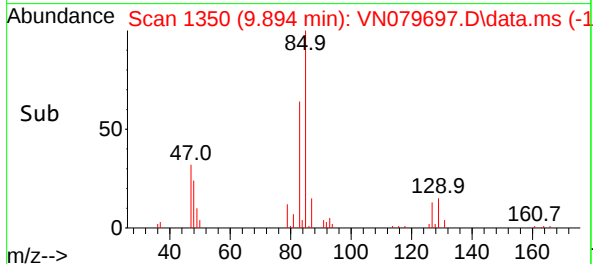
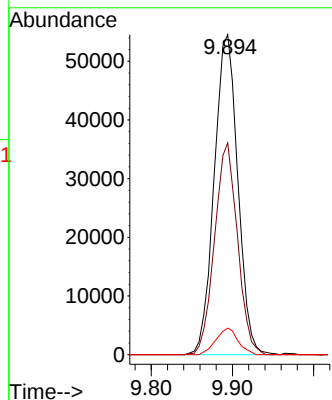
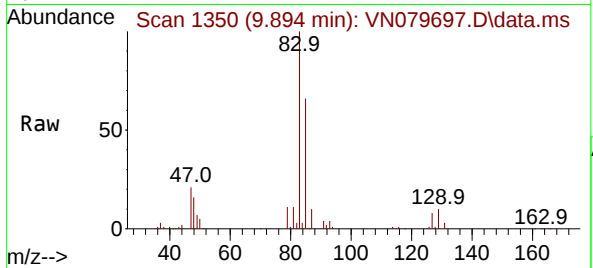
#47
Bromodichloromethane
Concen: 19.966 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion: 83 Resp: 11006
Ion Ratio Lower Upper
83 100
85 66.2 49.6 74.4
127 8.3 7.0 10.6

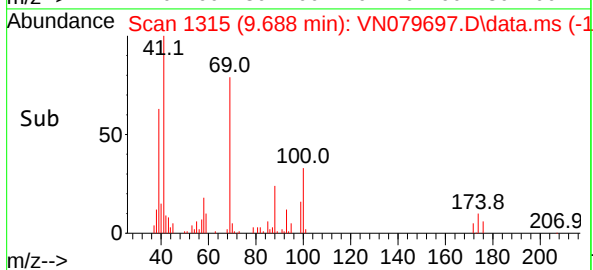
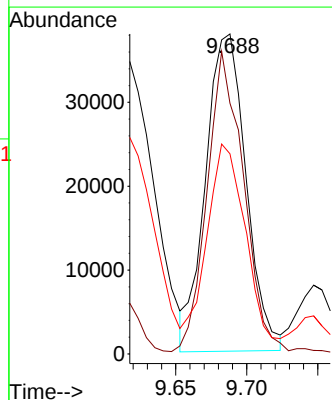
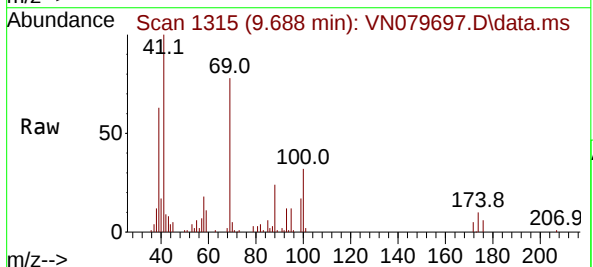
Manual Integrations
APPROVED

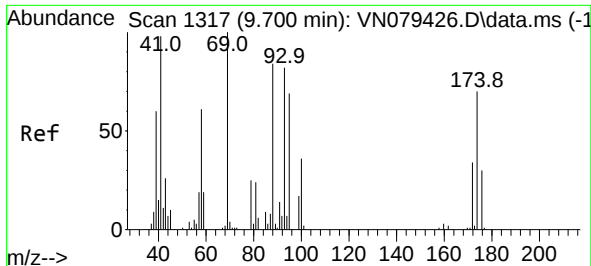
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#48
Methyl methacrylate
Concen: 18.980 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

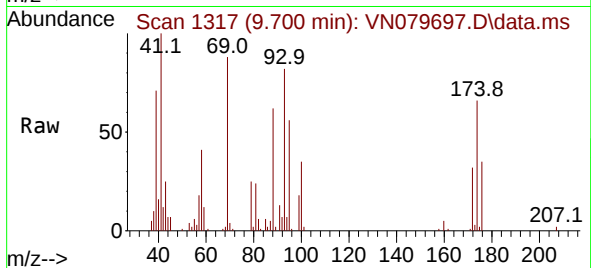
Tgt Ion: 41 Resp: 74975
Ion Ratio Lower Upper
41 100
69 86.1 90.4 135.6#
39 65.6 54.6 81.8





#49
1,4-Dioxane
Concen: 363.846 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

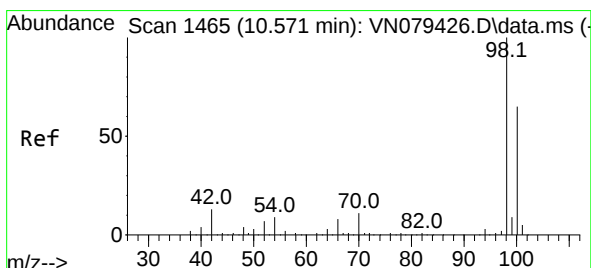
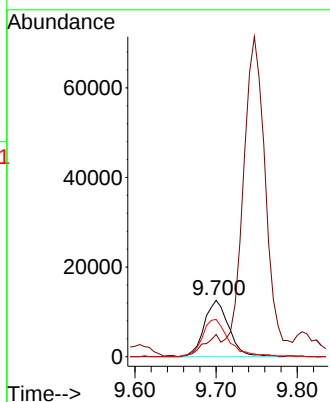
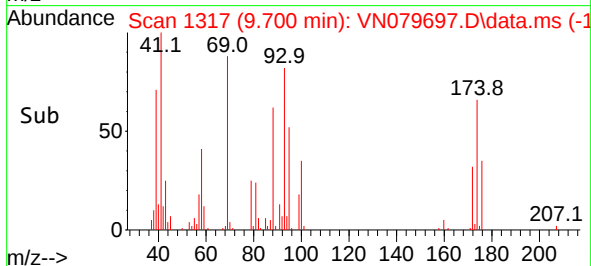
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



Tgt Ion: 88 Resp: 26474
Ion Ratio Lower Upper
88 100
43 27.2 17.0 25.6
58 72.2 47.0 70.4

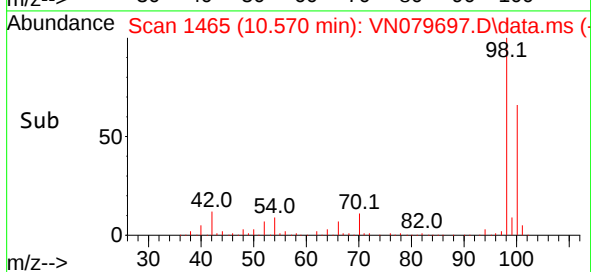
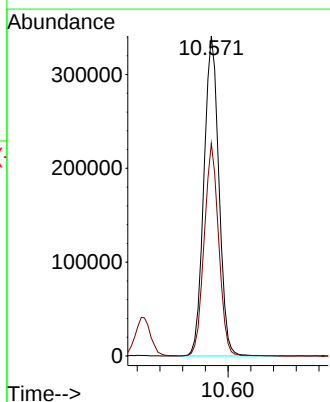
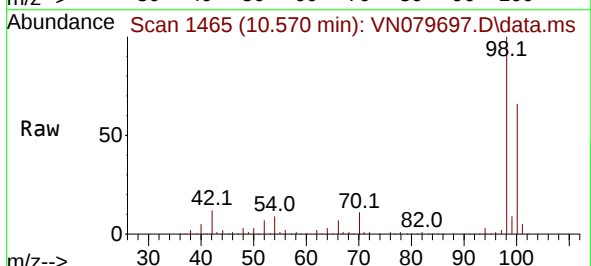
Manual Integrations
APPROVED

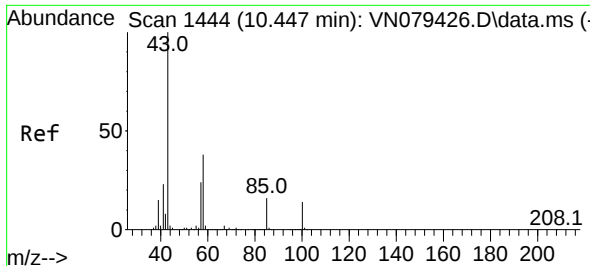
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#50
Toluene-d8
Concen: 48.791 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

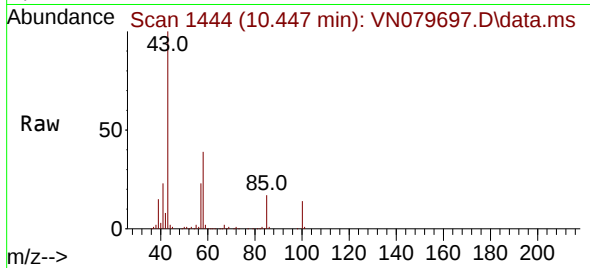
Tgt Ion: 98 Resp: 622000
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 99.956 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

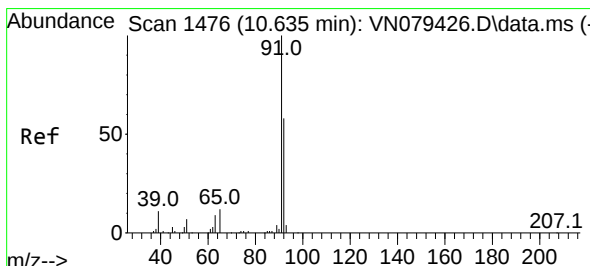
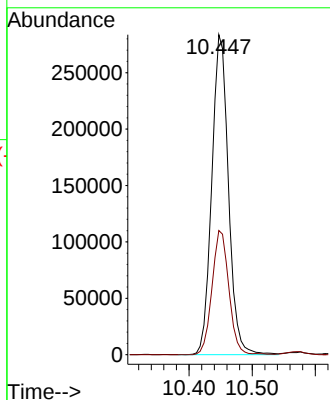
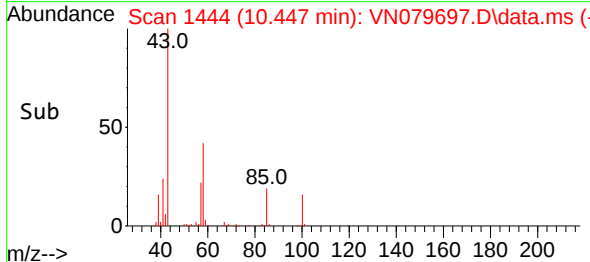
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



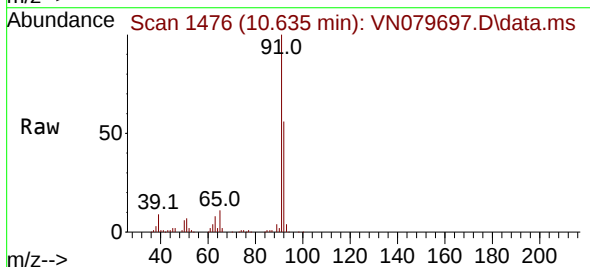
Tgt Ion: 43 Resp: 520145
Ion Ratio Lower Upper
43 100
58 39.3 36.6 54.8

Manual Integrations
APPROVED

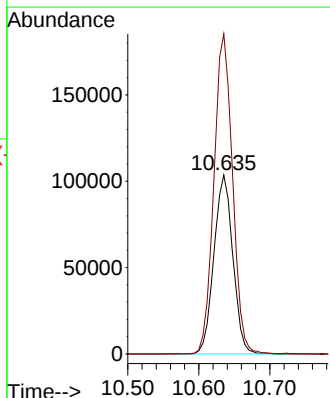
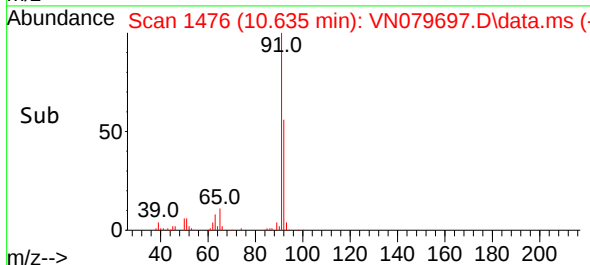
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

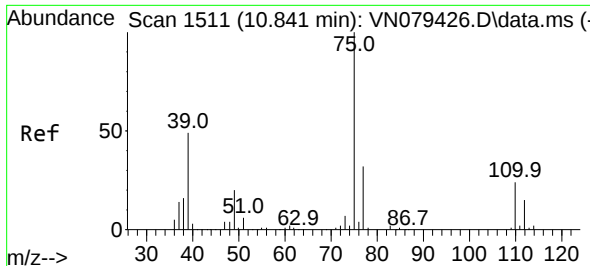


#52
Toluene
Concen: 20.688 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



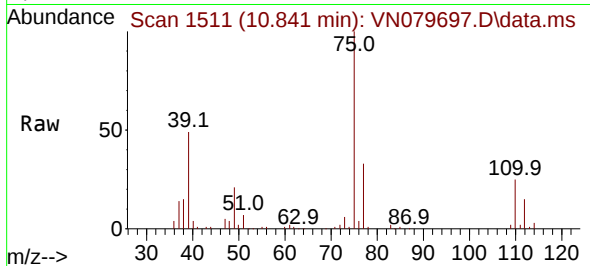
Tgt Ion: 92 Resp: 191242
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.089 ug/l
RT: 10.841 min Scan# 111600
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

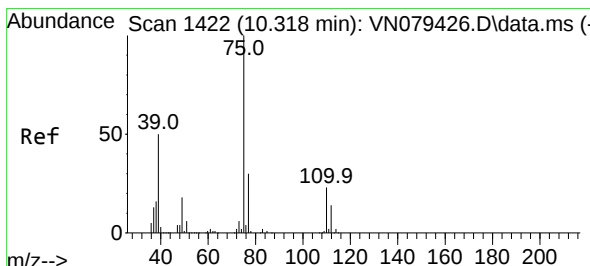
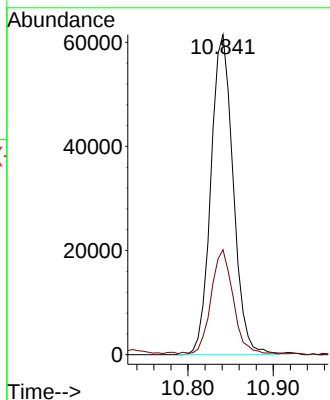
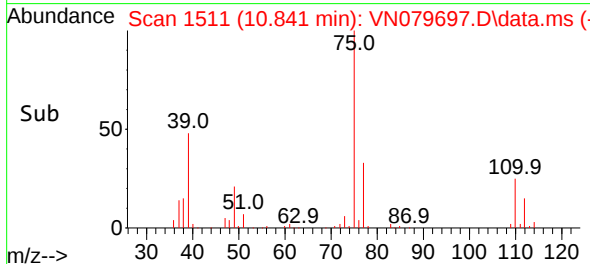
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion: 75 Resp: 111600
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

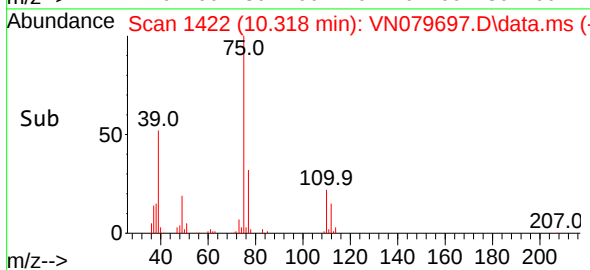
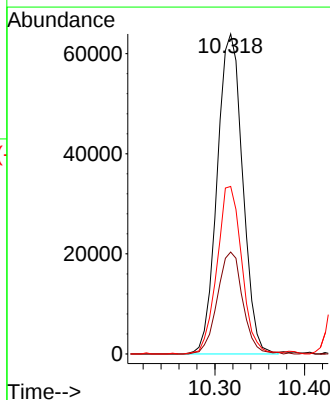
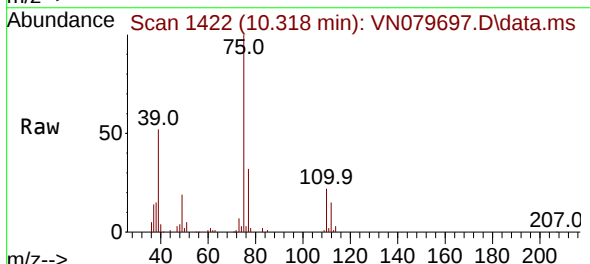
Manual Integrations
APPROVED

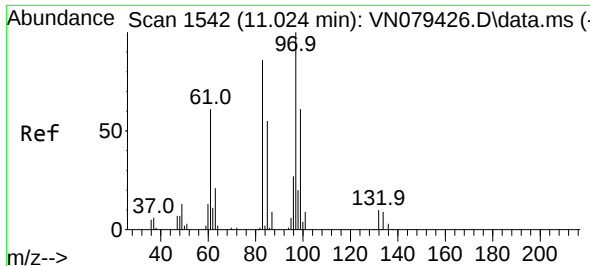
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#54
cis-1,3-Dichloropropene
Concen: 20.712 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

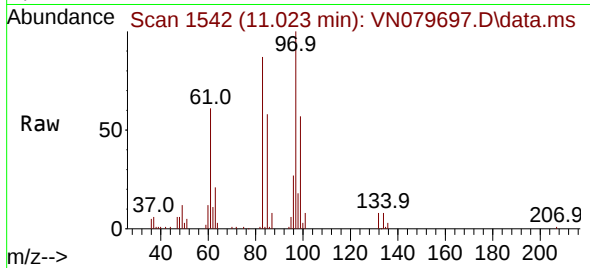
Tgt Ion: 75 Resp: 125955
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 52.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 21.267 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

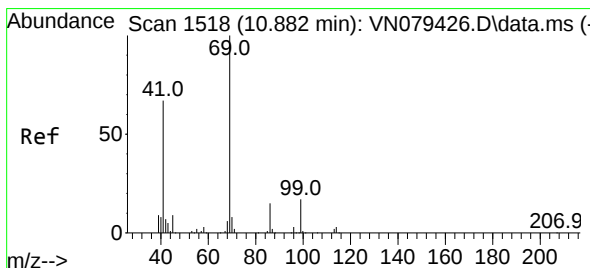
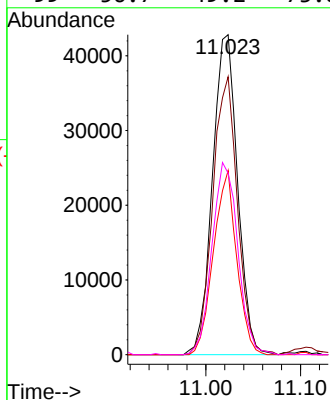
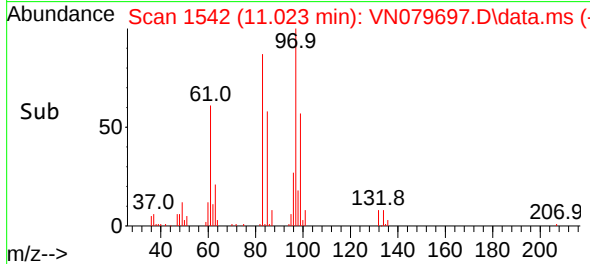
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



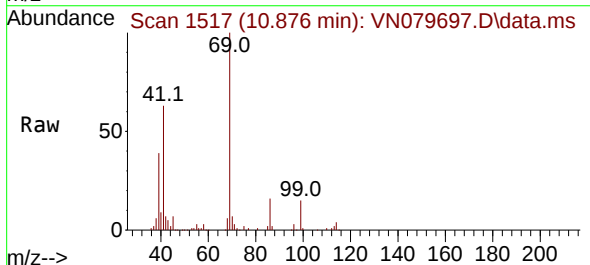
Tgt Ion:	97	Resp:	7892
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.1	97.7
85	57.5	43.4	65.2
99	56.7	49.2	73.8

Manual Integrations
APPROVED

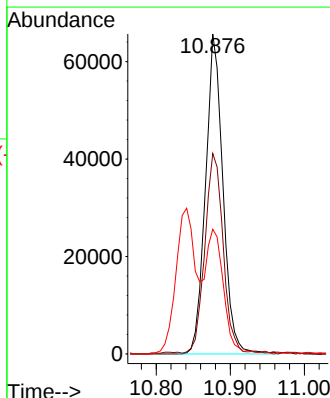
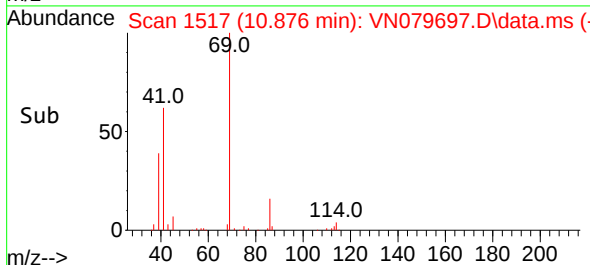
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

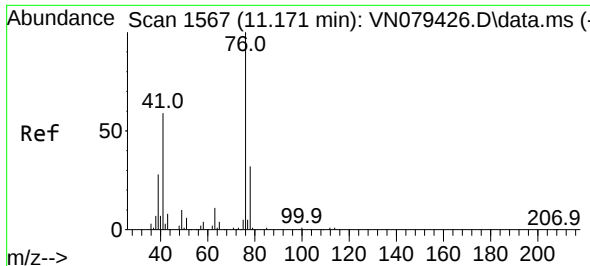


#56
Ethyl methacrylate
Concen: 21.007 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



Tgt Ion:	69	Resp:	107130
Ion	Ratio	Lower	Upper
69	100		
41	65.8	39.6	59.4
39	40.9	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.653 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBSD02

Tgt Ion: 76 Resp: 132354

Ion Ratio Lower Upper

76 100

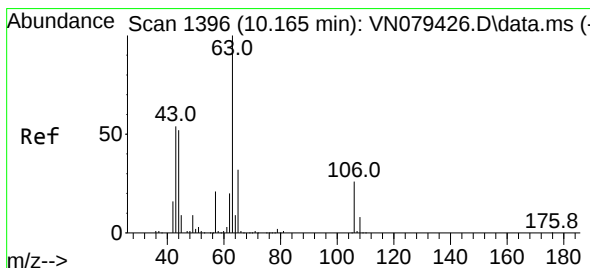
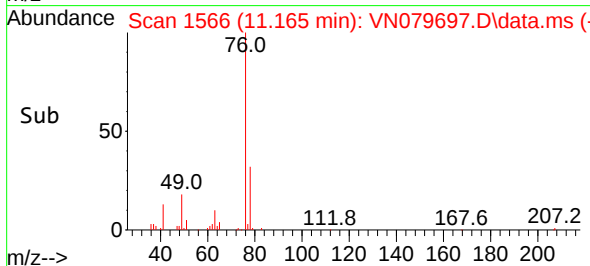
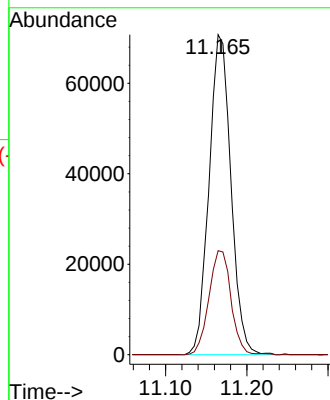
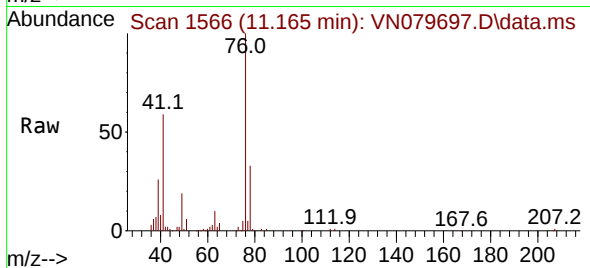
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.987 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079697.D

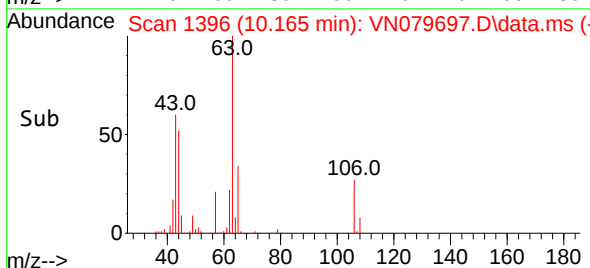
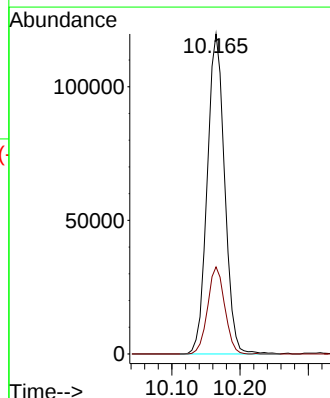
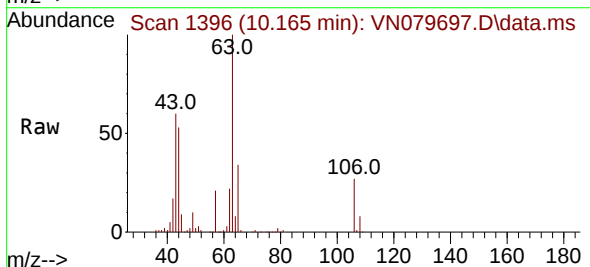
Acq: 26 Oct 2023 15:43

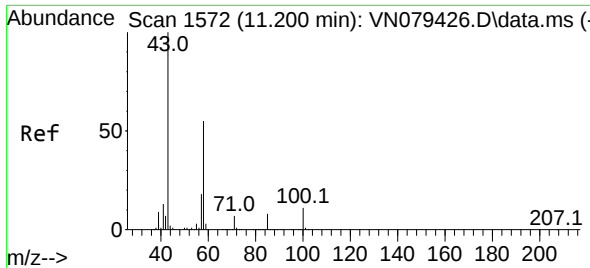
Tgt Ion: 63 Resp: 212853

Ion Ratio Lower Upper

63 100

106 26.6 26.2 39.4





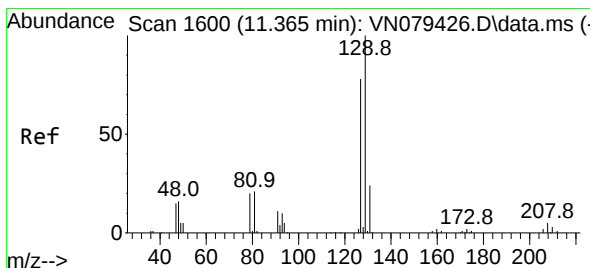
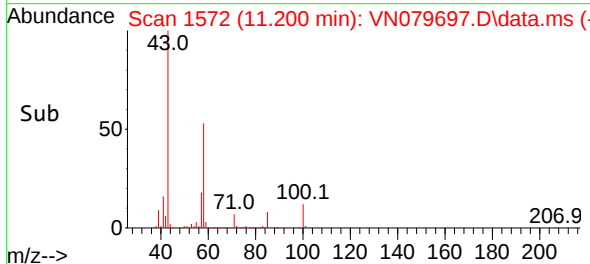
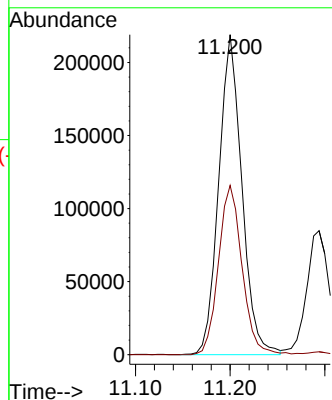
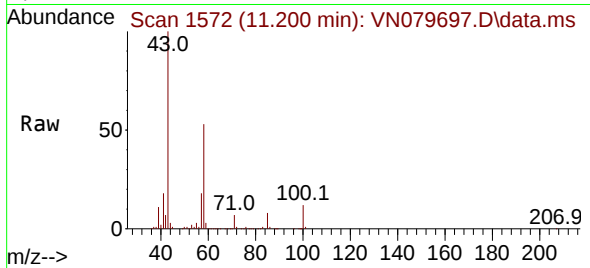
#59
2-Hexanone
Concen: 98.964 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion: 43 Resp: 37161
Ion Ratio Lower Upper
43 100
58 54.1 31.7 95.1

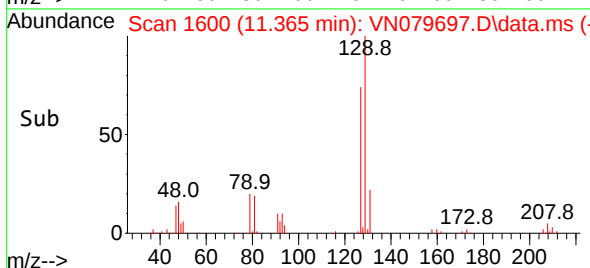
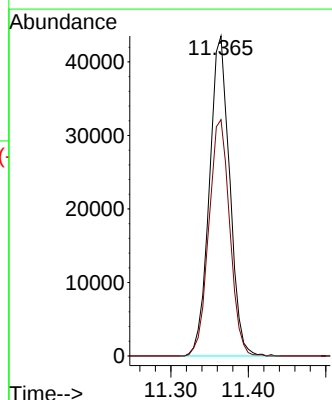
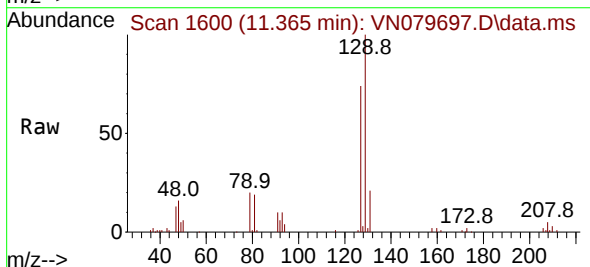
Manual Integrations
APPROVED

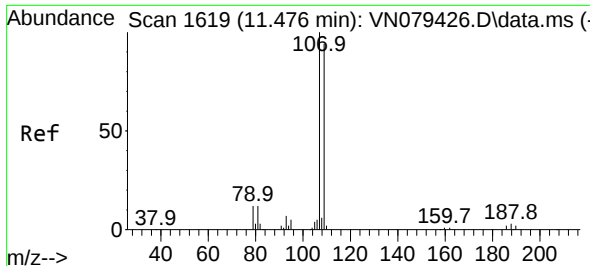
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#60
Dibromochloromethane
Concen: 21.158 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion:129 Resp: 78918
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





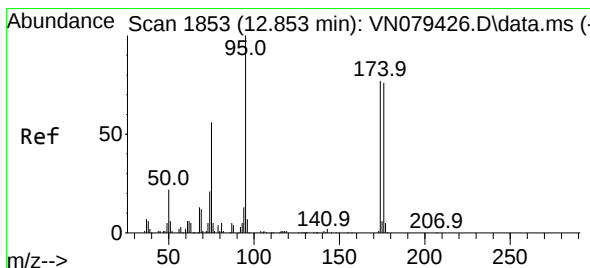
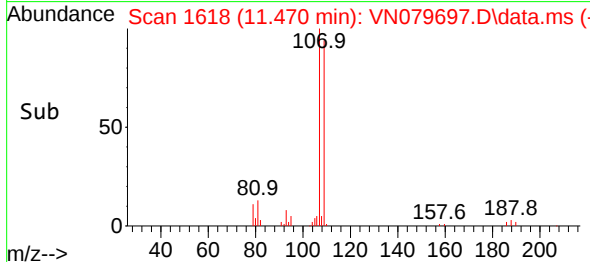
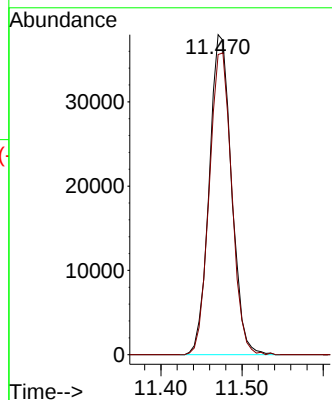
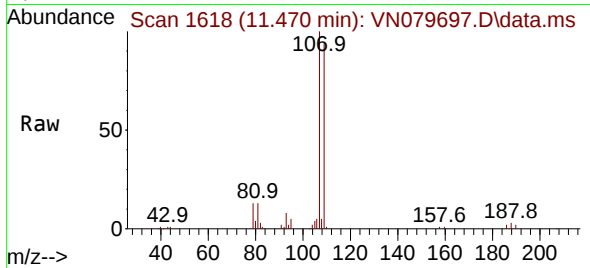
#61
1,2-Dibromoethane
Concen: 19.669 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion:107 Resp: 7244
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8

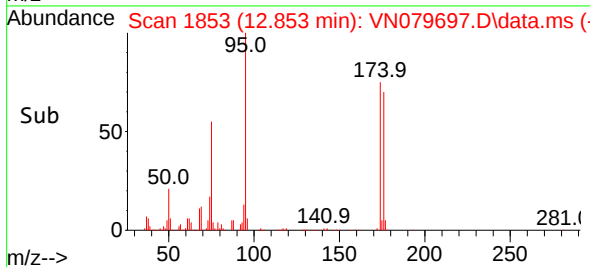
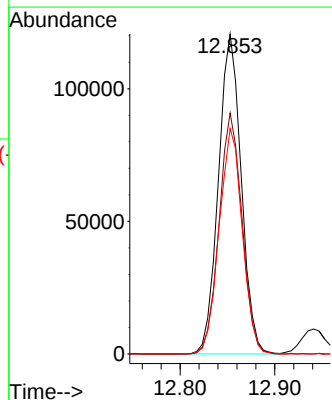
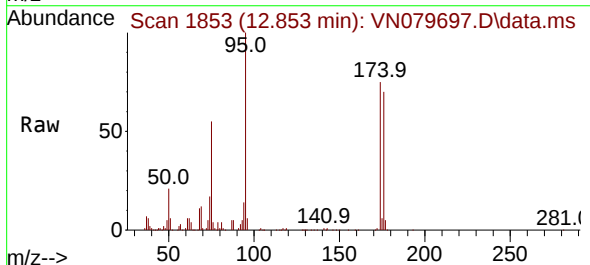
Manual Integrations
APPROVED

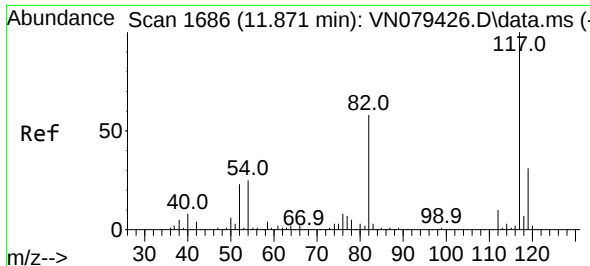
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

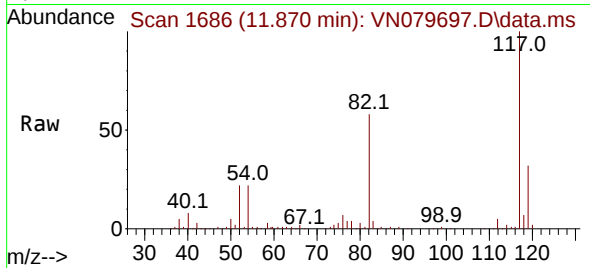
Tgt Ion: 95 Resp: 201740
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 71.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

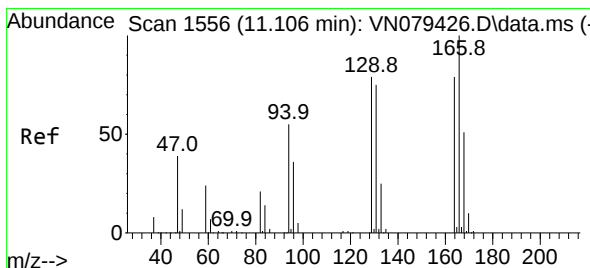
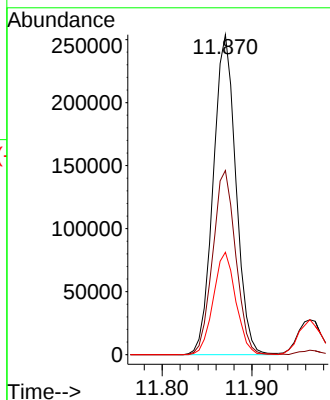
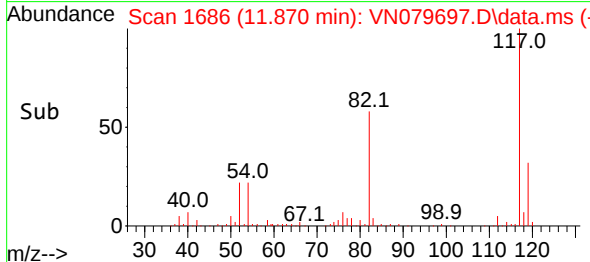
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



Tgt Ion:117 Resp: 44526
Ion Ratio Lower Upper
117 100
82 57.6 44.0 66.0
119 32.0 25.6 38.4

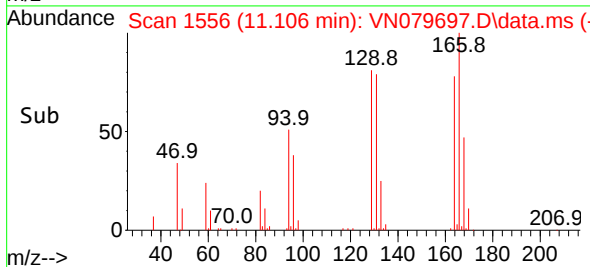
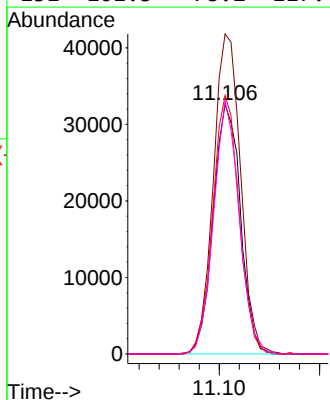
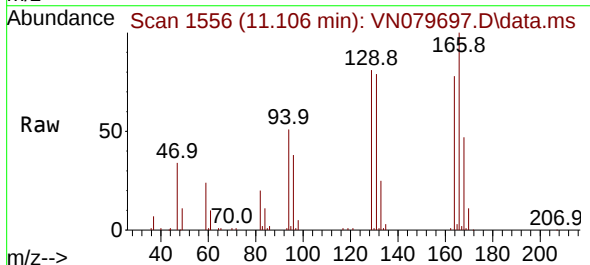
Manual Integrations
APPROVED

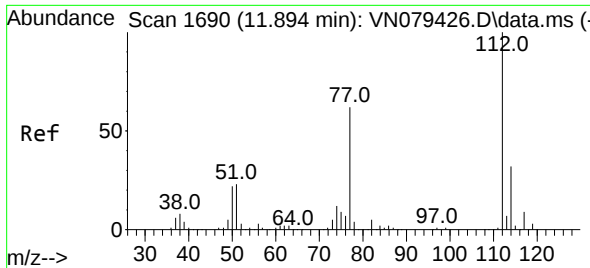
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#64
Tetrachloroethene
Concen: 20.025 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion:164 Resp: 61337
Ion Ratio Lower Upper
164 100
166 128.2 101.4 152.0
129 103.6 82.4 123.6
131 101.3 78.2 117.4





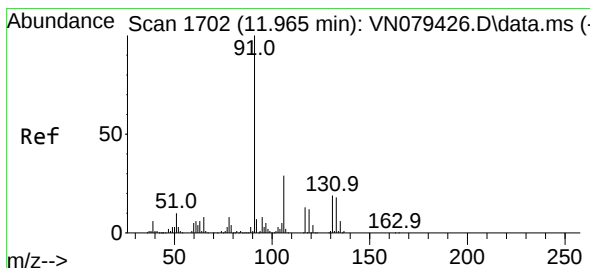
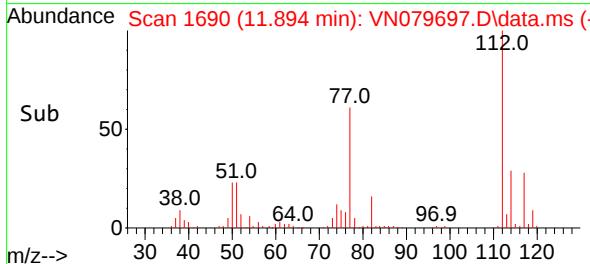
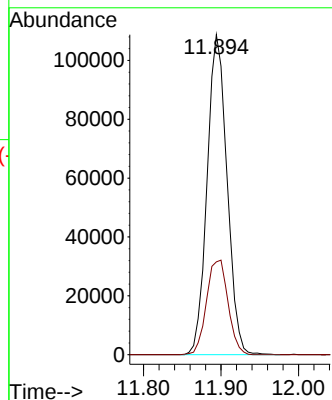
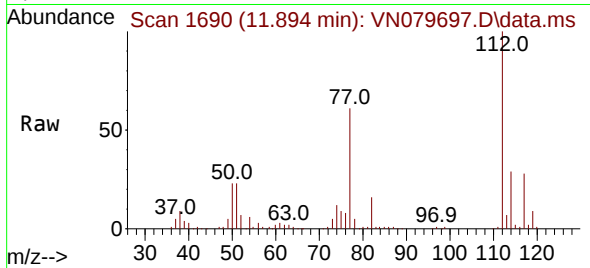
#65
Chlorobenzene
Concen: 19.572 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion:112 Resp: 194080
Ion Ratio Lower Upper
112 100
114 29.0 25.0 37.4

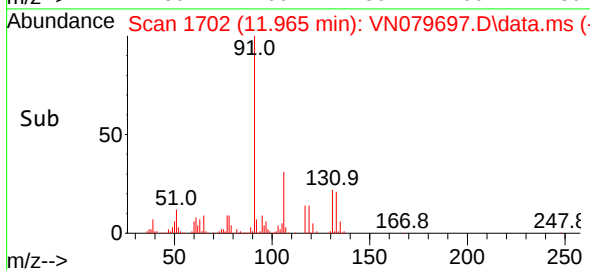
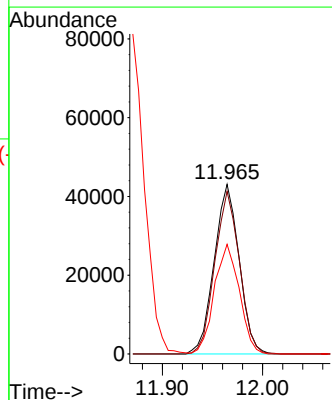
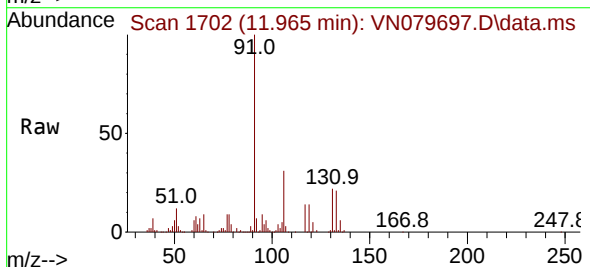
Manual Integrations
APPROVED

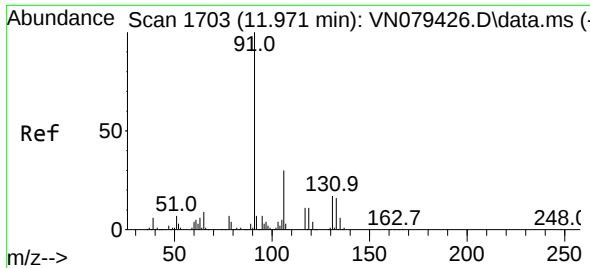
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.517 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

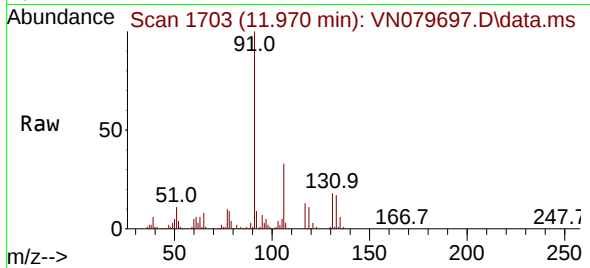
Tgt Ion:131 Resp: 74491
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 64.7 34.1 102.2





#67
Ethyl Benzene
Concen: 20.443 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

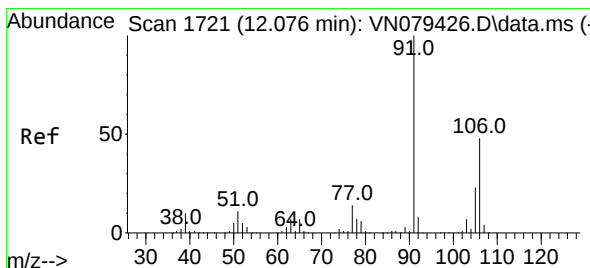
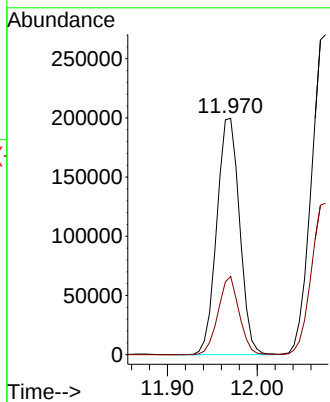
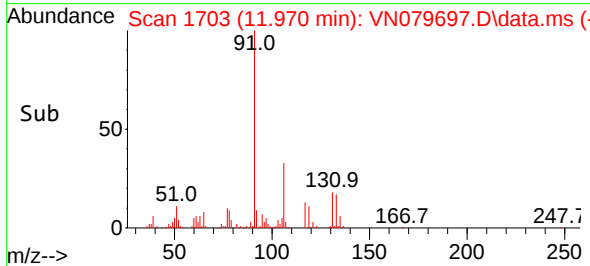
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



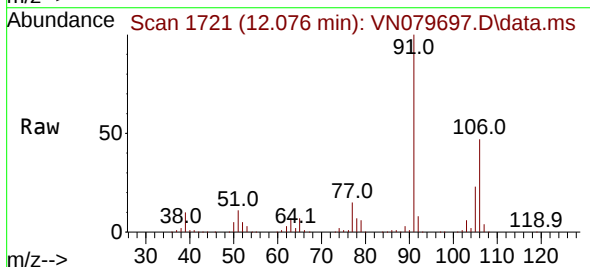
Tgt Ion: 91 Resp: 352348
Ion Ratio Lower Upper
91 100
106 33.1 25.6 38.4

Manual Integrations
APPROVED

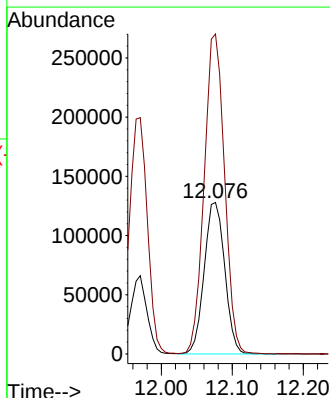
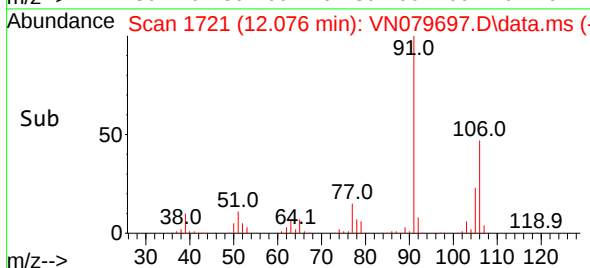
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

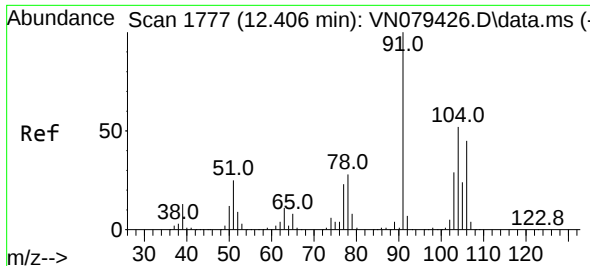


#68
m/p-Xylenes
Concen: 41.101 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



Tgt Ion:106 Resp: 257392
Ion Ratio Lower Upper
106 100
91 209.5 159.6 239.4





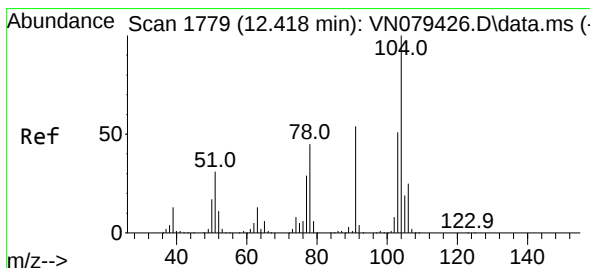
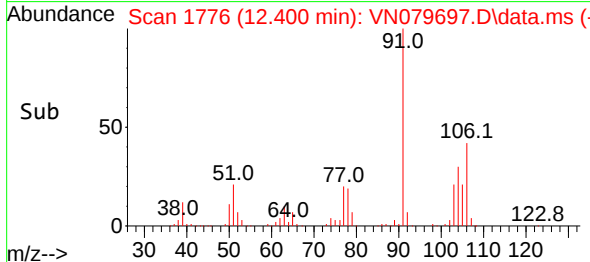
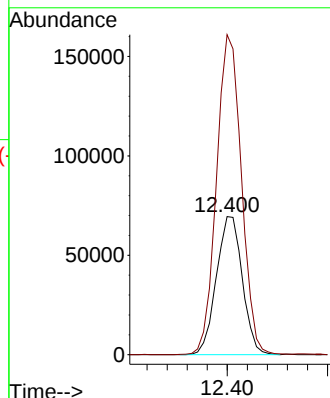
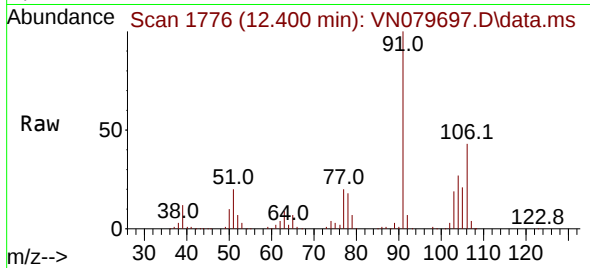
#69
o-Xylene
Concen: 20.235 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion:106 Resp: 124620
Ion Ratio Lower Upper
106 100
91 223.1 105.2 315.5

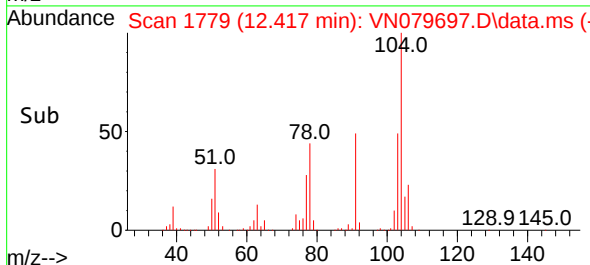
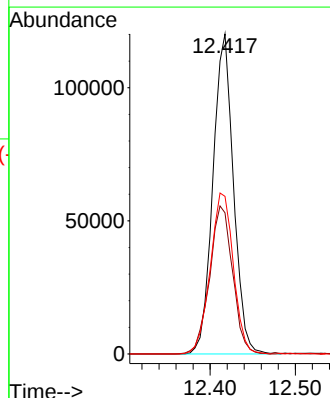
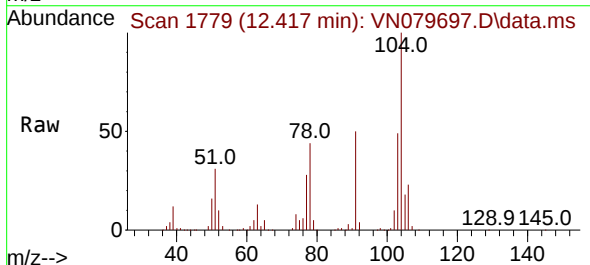
Manual Integrations
APPROVED

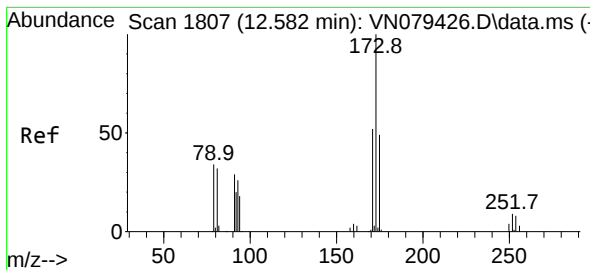
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#70
Styrene
Concen: 20.696 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion:104 Resp: 201329
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 56.6 43.2 64.8





#71

Bromoform

Concen: 19.318 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBSD02

Tgt Ion:173 Resp: 5133

Ion Ratio Lower Upper

173 100

175 47.9 24.3 73.0

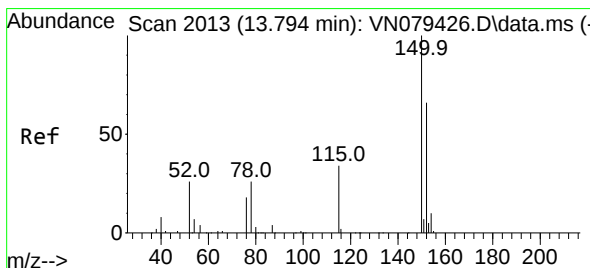
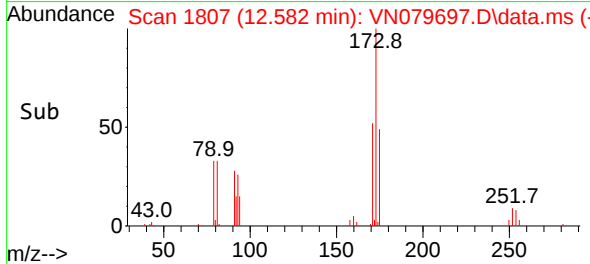
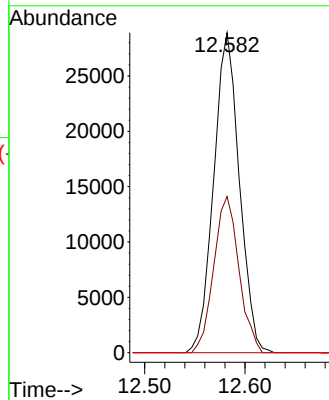
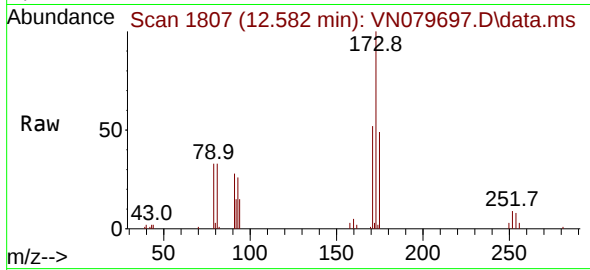
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

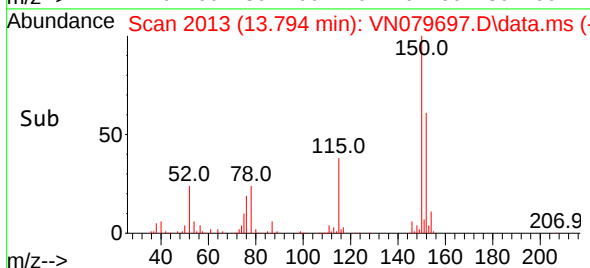
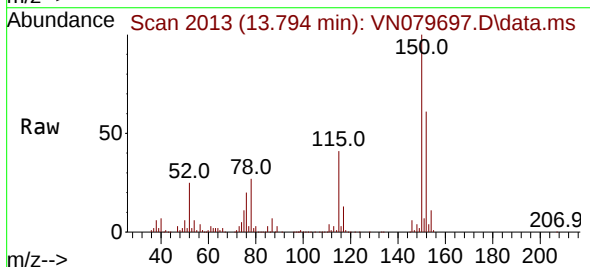
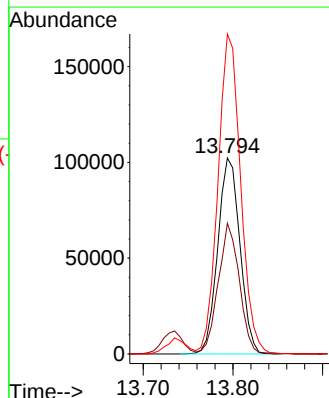
Tgt Ion:152 Resp: 175562

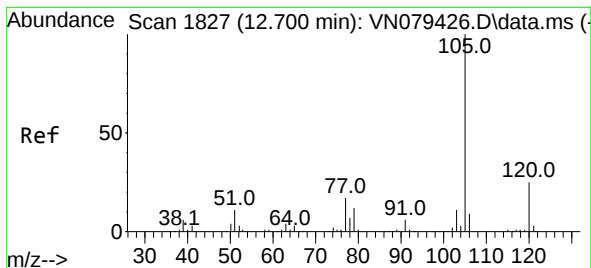
Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 166.7 0.0 355.8





#73

Isopropylbenzene

Concen: 19.700 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion:105 Resp: 321760

Ion Ratio Lower Upper

105 100

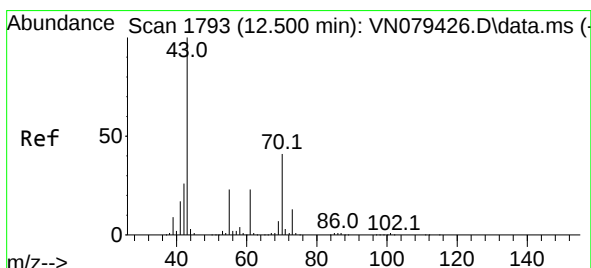
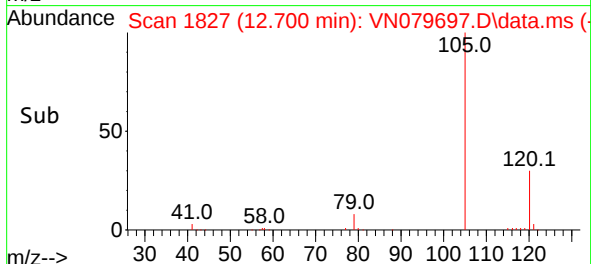
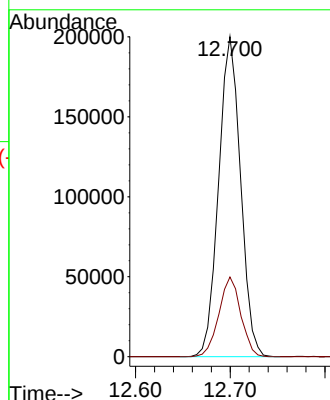
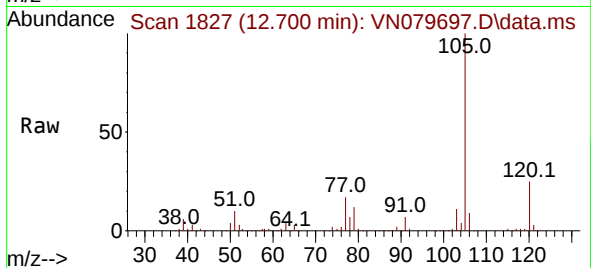
120 24.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#74

N-ethyl acetate

Concen: 18.700 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Tgt Ion: 43 Resp: 125213

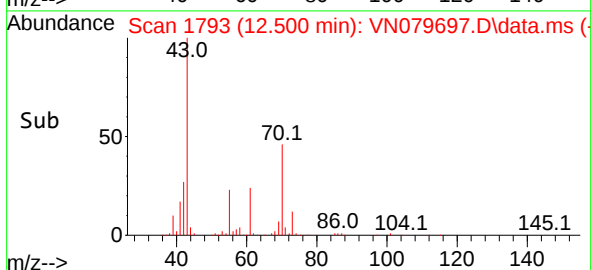
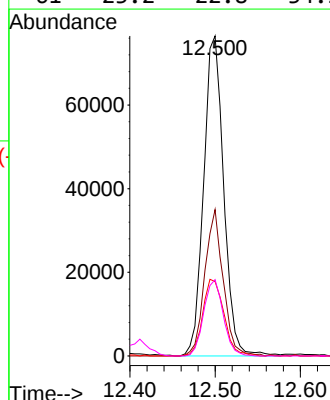
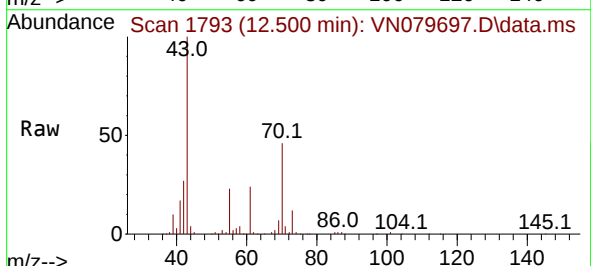
Ion Ratio Lower Upper

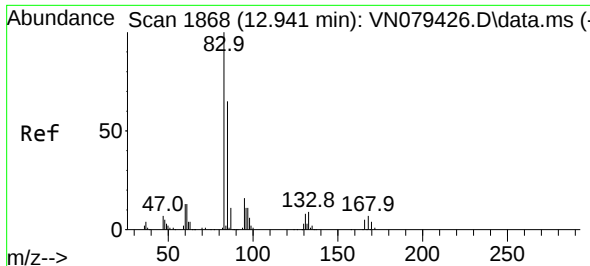
43 100

70 42.1 43.4 65.2#

55 25.2 21.4 32.0

61 23.2 22.8 34.2





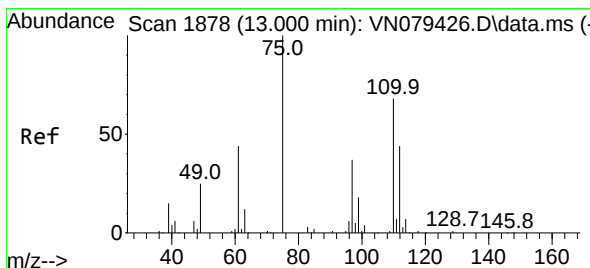
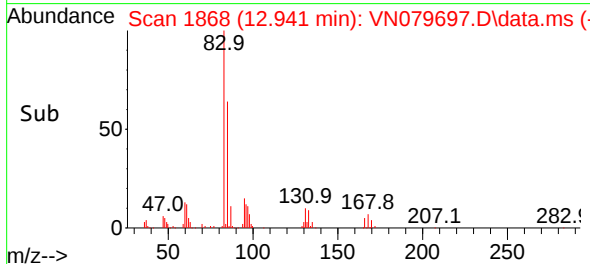
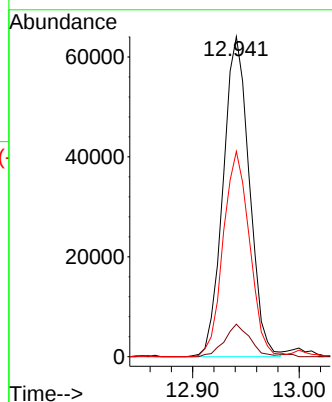
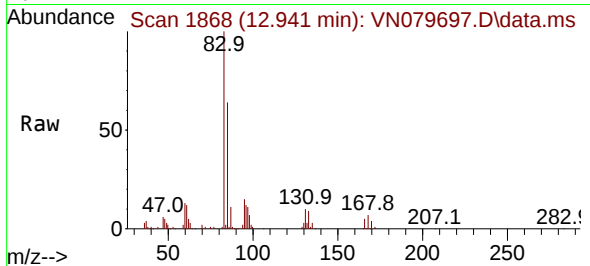
#75
1,1,2,2-Tetrachloroethane
Concen: 20.040 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion: 83 Resp: 109484
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 64.6 31.9 95.7

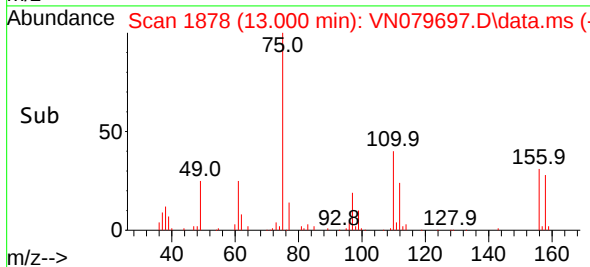
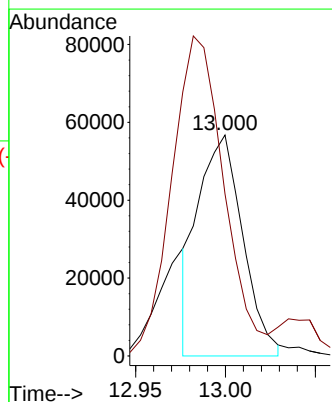
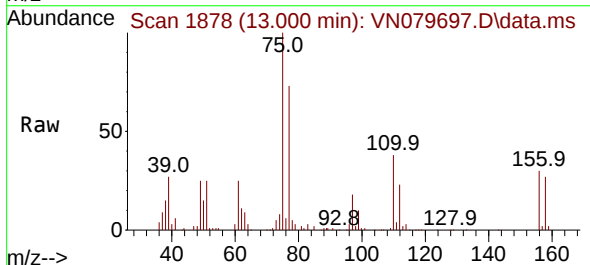
Manual Integrations
APPROVED

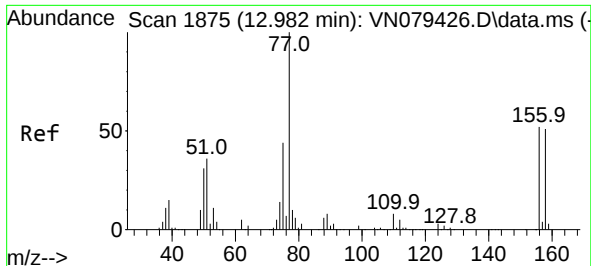
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#76
1,2,3-Trichloropropane
Concen: 19.306 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

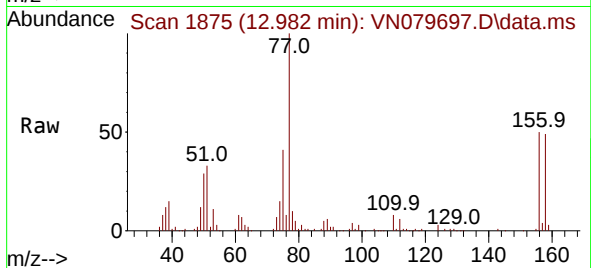
Tgt Ion: 75 Resp: 97728
Ion Ratio Lower Upper
75 100
77 170.1 84.5 253.5





#77
Bromobenzene
Concen: 18.452 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

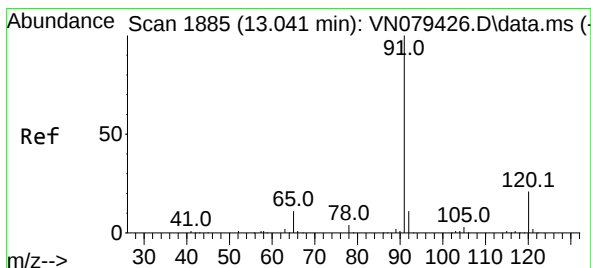
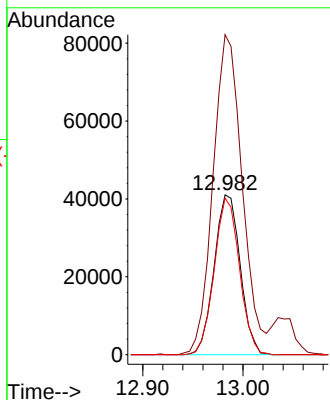
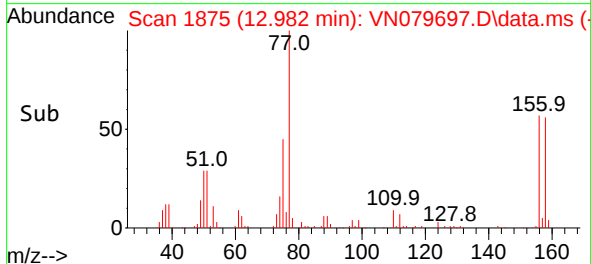
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



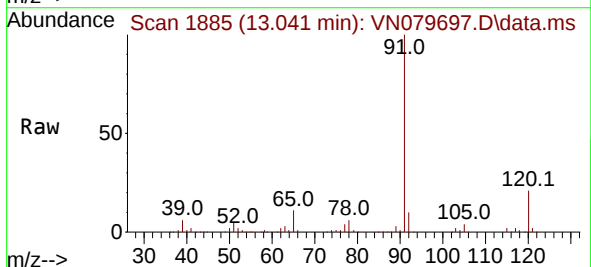
Tgt Ion:156 Resp: 73898
Ion Ratio Lower Upper
156 100
77 224.9 107.7 323.3
158 95.2 48.4 145.3

Manual Integrations
APPROVED

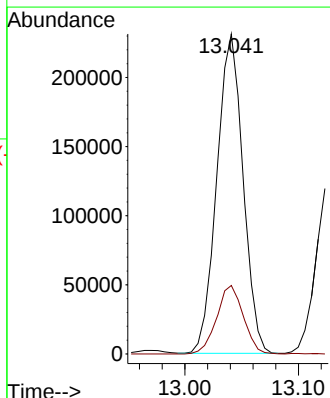
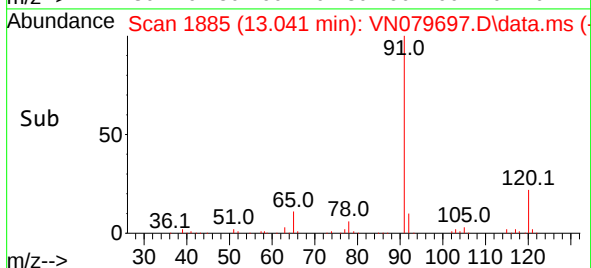
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

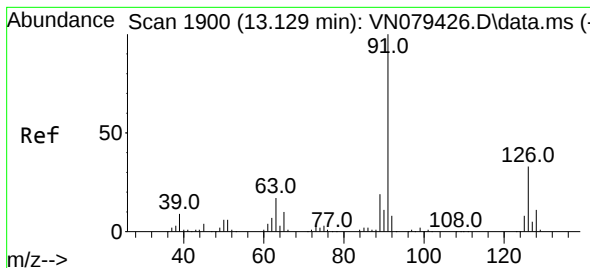


#78
n-propylbenzene
Concen: 20.064 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



Tgt Ion: 91 Resp: 370767
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





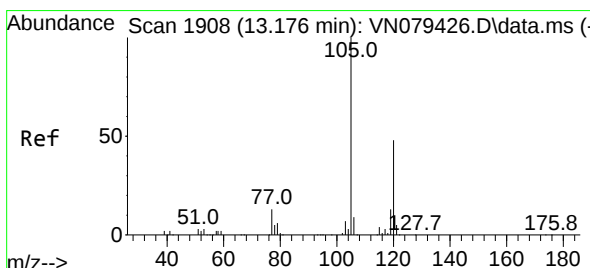
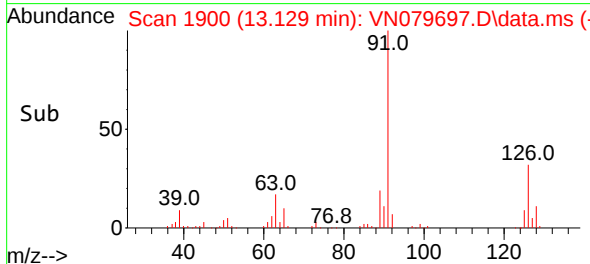
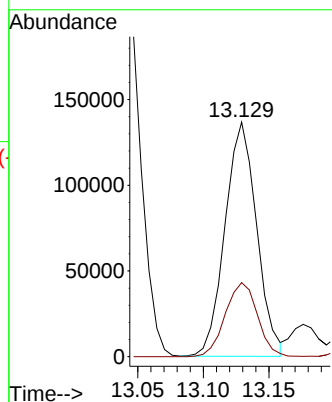
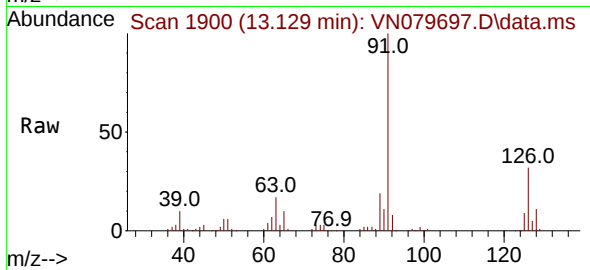
#79
2-Chlorotoluene
Concen: 19.414 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02

Tgt Ion: 91 Resp: 229572
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

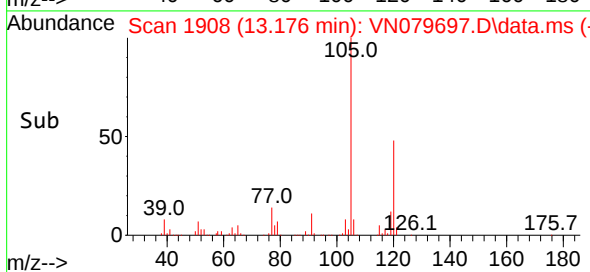
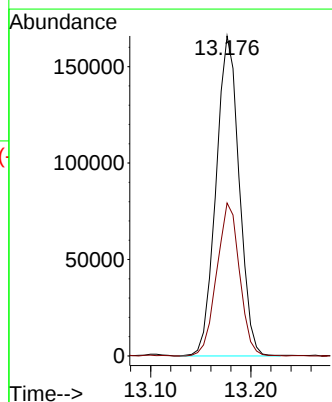
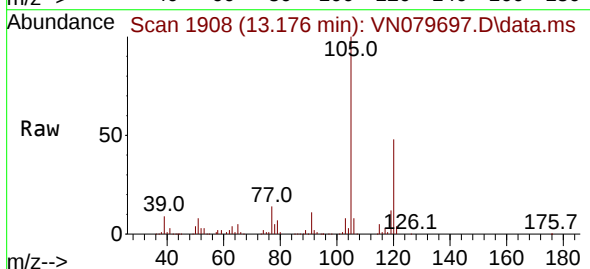
Manual Integrations
APPROVED

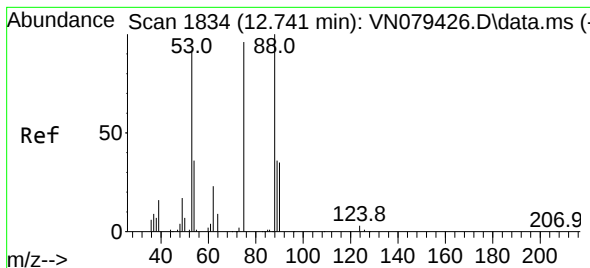
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.655 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

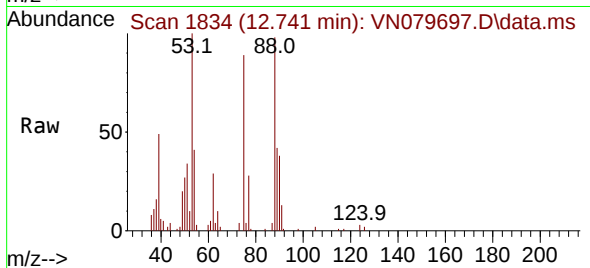
Tgt Ion:105 Resp: 266024
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.635 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

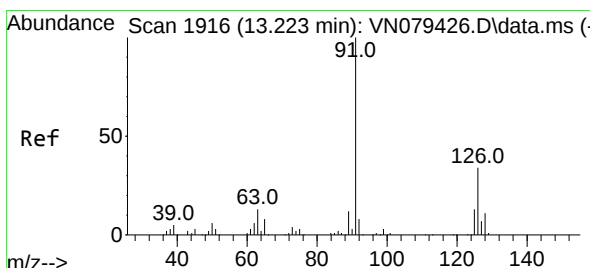
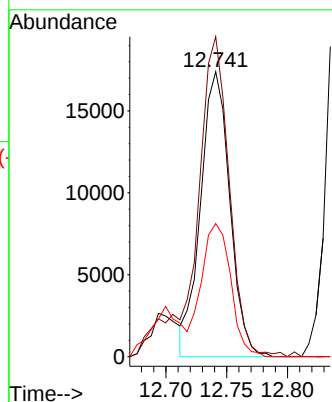
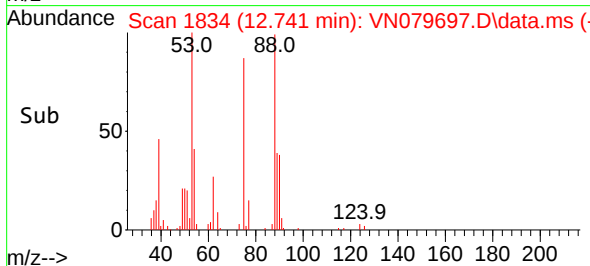
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



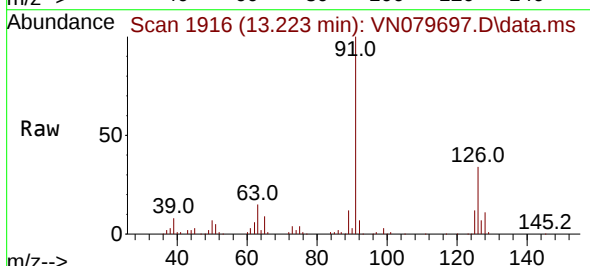
Tgt Ion: 75 Resp: 2902
Ion Ratio Lower Upper
75 100
53 127.8 67.4 101.2
89 46.9 38.8 58.2

Manual Integrations
APPROVED

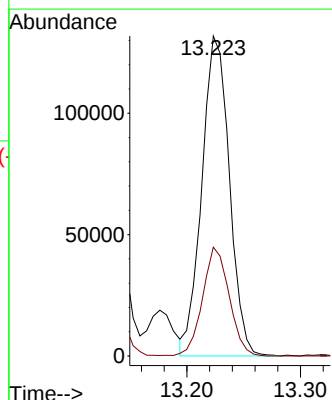
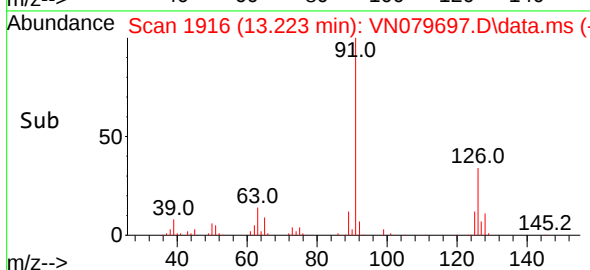
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

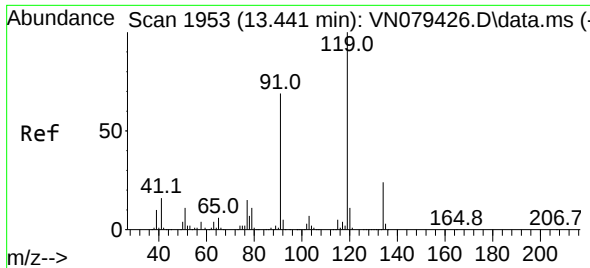


#82
4-Chlorotoluene
Concen: 19.730 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



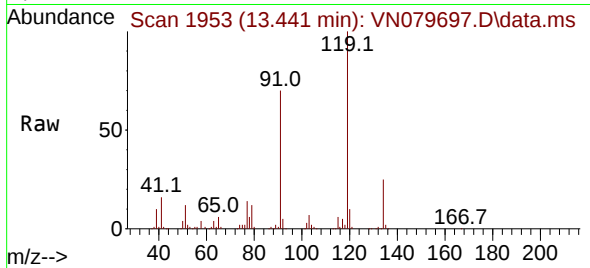
Tgt Ion: 91 Resp: 222009
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 21.185 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

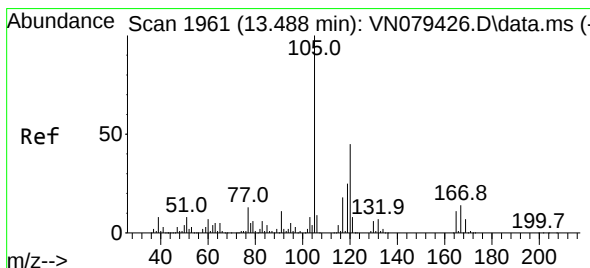
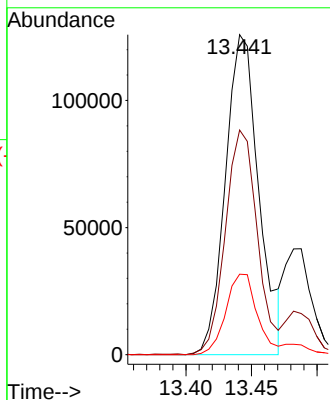
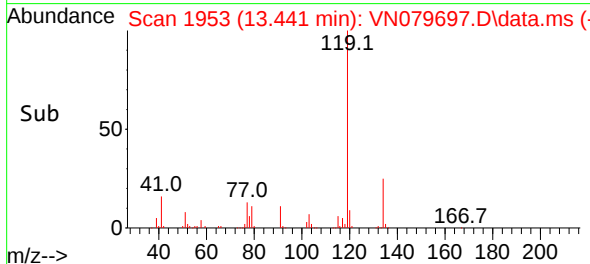
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



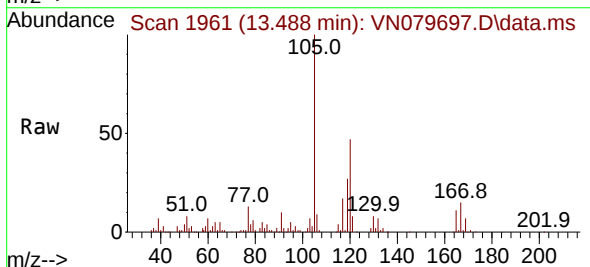
Tgt Ion:119 Resp: 22354
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.7
134 23.6 13.2 39.6

Manual Integrations
APPROVED

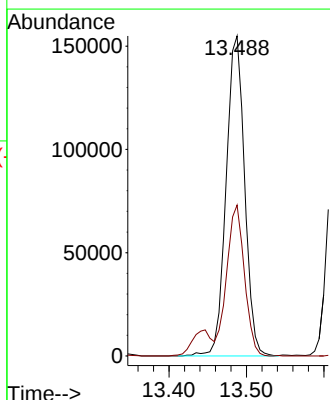
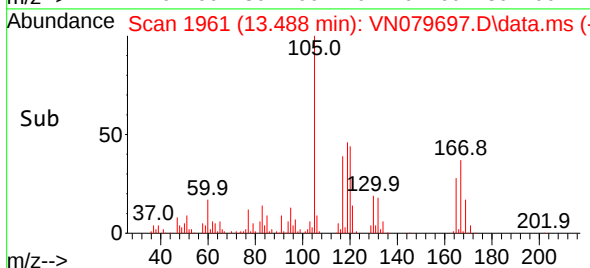
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

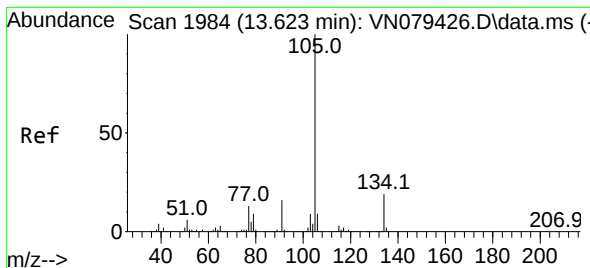


#84
1,2,4-Trimethylbenzene
Concen: 20.895 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



Tgt Ion:105 Resp: 256826
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.309 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBS02

Tgt Ion:105 Resp: 298910

Ion Ratio Lower Upper

105 100

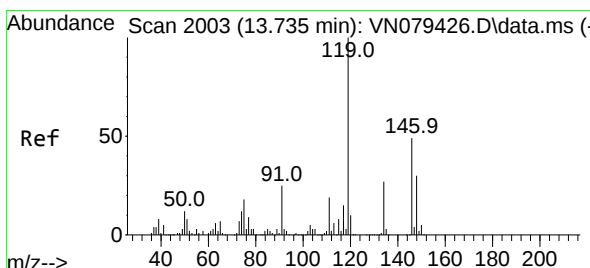
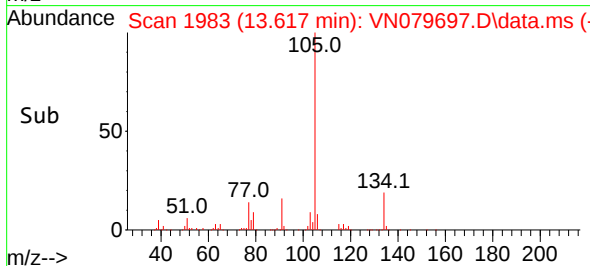
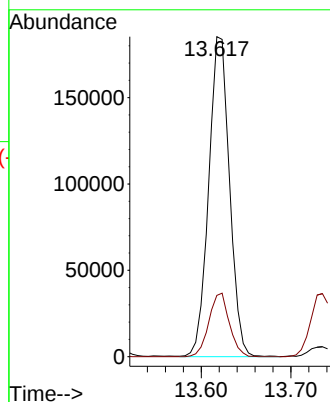
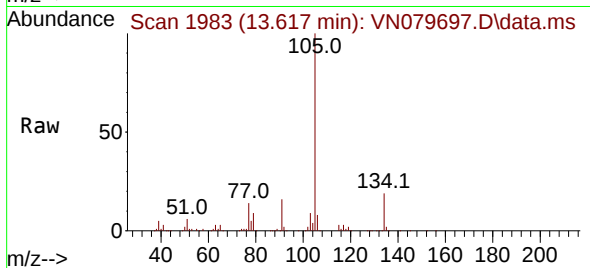
134 19.5 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#86

p-Isopropyltoluene

Concen: 21.260 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

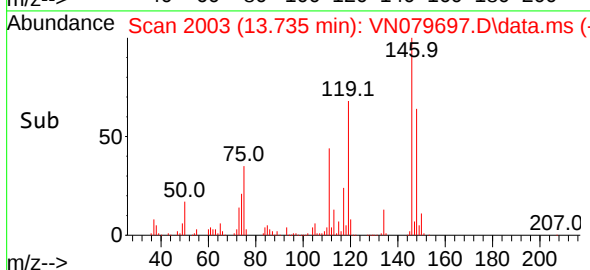
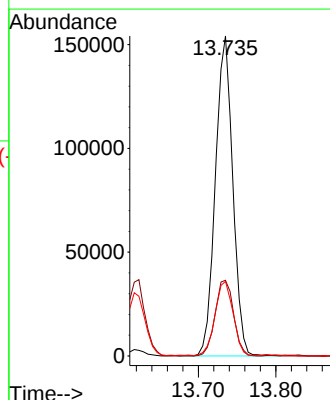
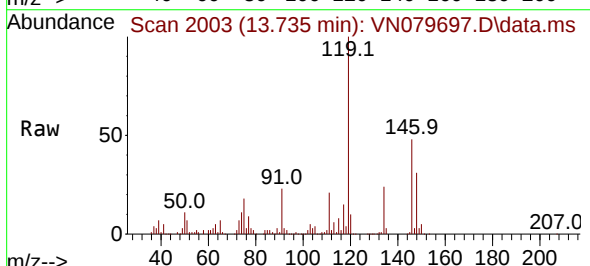
Tgt Ion:119 Resp: 240050

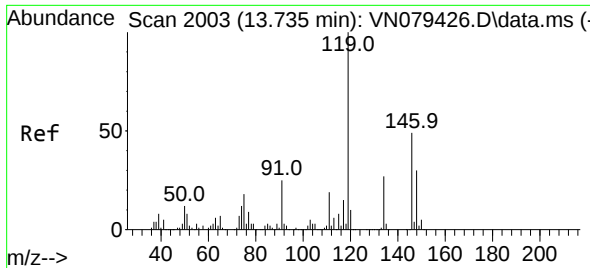
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

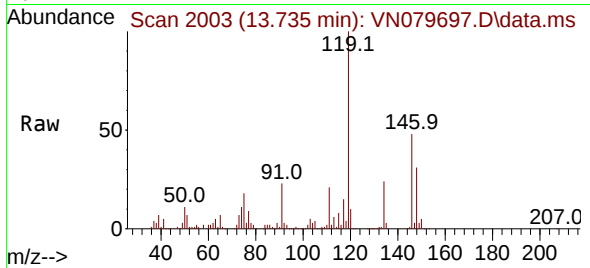
91 24.1 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 19.734 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079697.D
 Acq: 26 Oct 2023 15:43

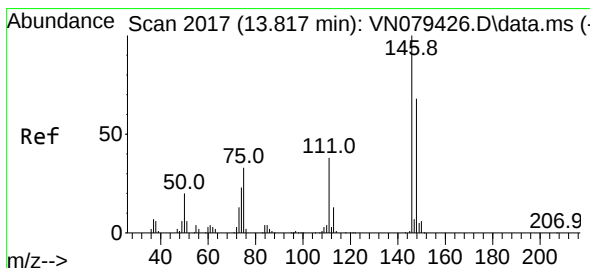
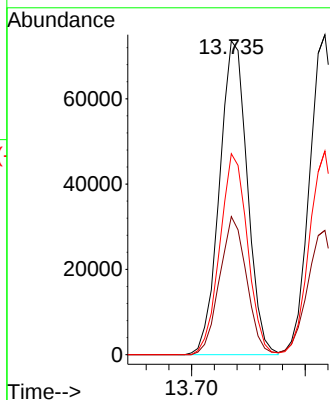
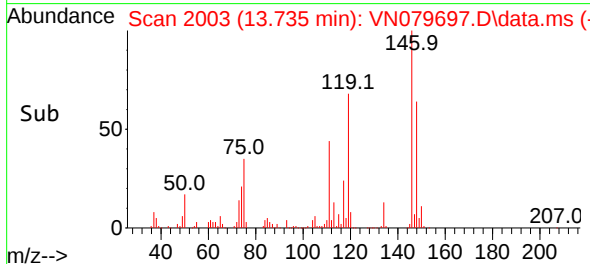
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026MBSD02



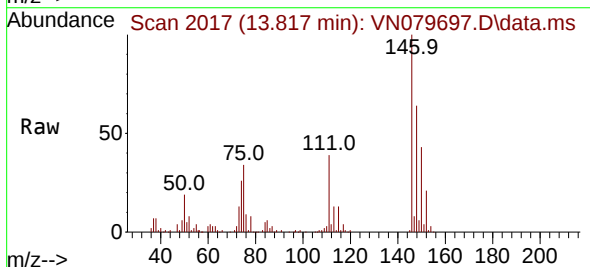
Tgt Ion:146 Resp: 125352
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.1 66.3
 148 63.5 32.0 96.0

Manual Integrations
 APPROVED

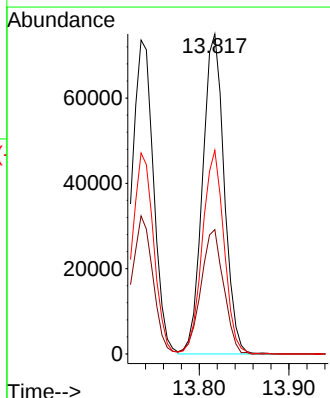
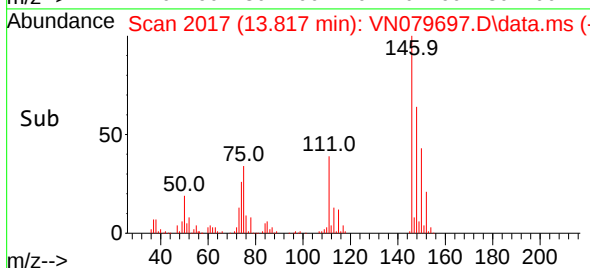
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023

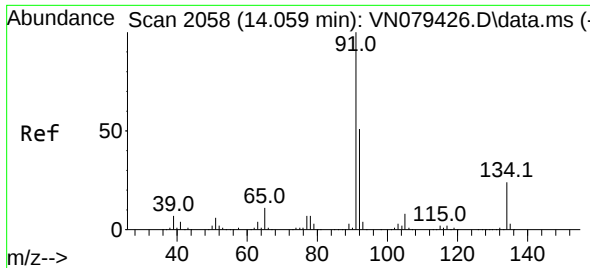


#88
 1,4-Dichlorobenzene
 Concen: 19.140 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN079697.D
 Acq: 26 Oct 2023 15:43



Tgt Ion:146 Resp: 125532
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.6 61.8
 148 63.6 31.6 94.8





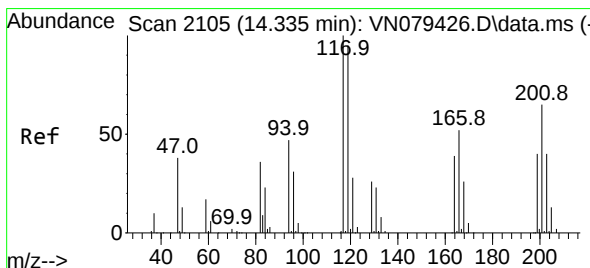
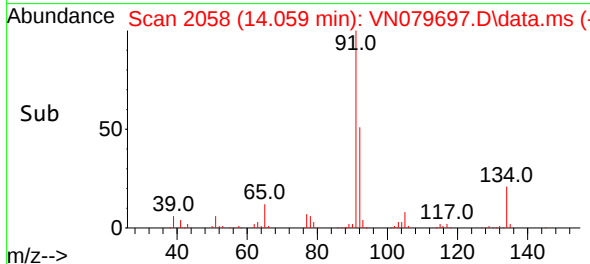
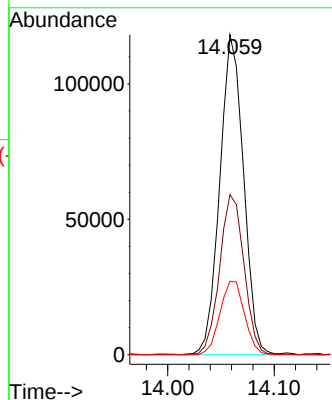
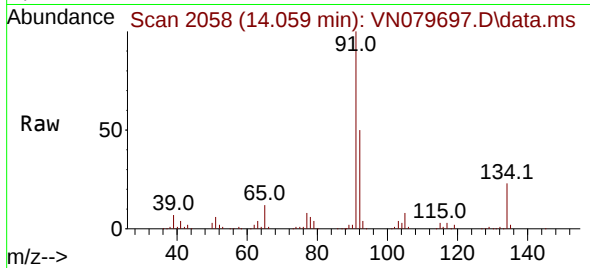
#89
n-Butylbenzene
Concen: 20.273 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02

Tgt Ion: 91 Resp: 18279
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 23.7 12.6 37.6

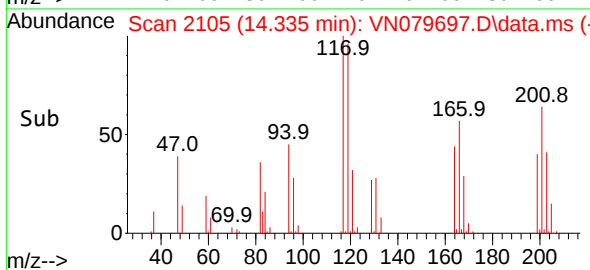
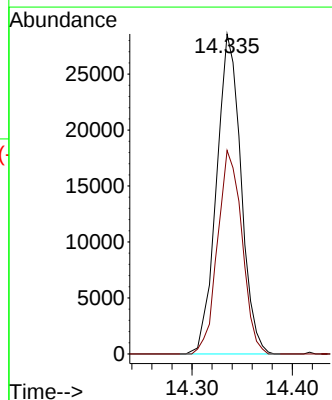
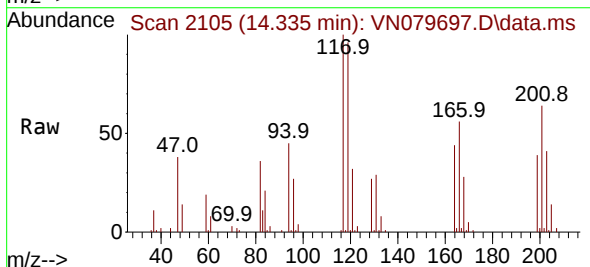
Manual Integrations
APPROVED

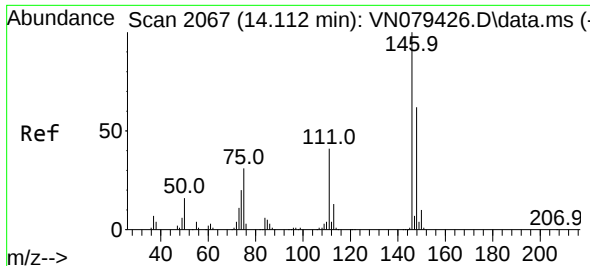
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#90
Hexachloroethane
Concen: 20.519 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

Tgt Ion:117 Resp: 48449
Ion Ratio Lower Upper
117 100
201 63.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.974 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

VN1026MBSD02

Tgt Ion:146 Resp: 12375

Ion Ratio Lower Upper

146 100

111 42.8 22.0 66.0

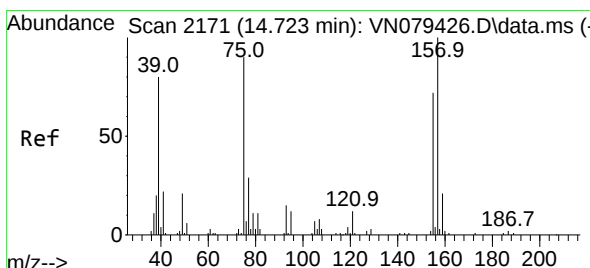
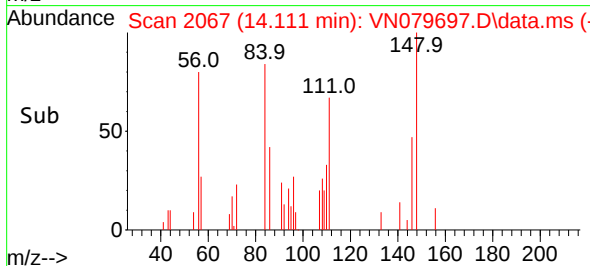
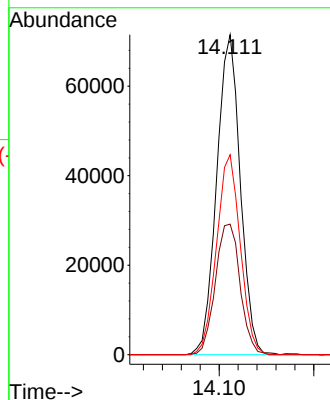
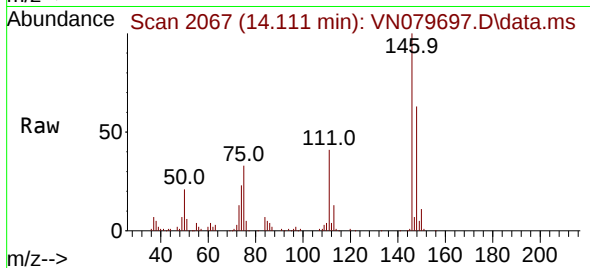
148 62.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.606 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN079697.D

Acq: 26 Oct 2023 15:43

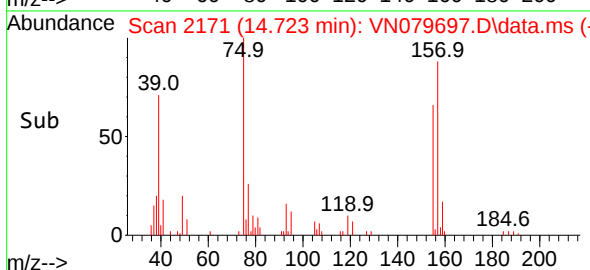
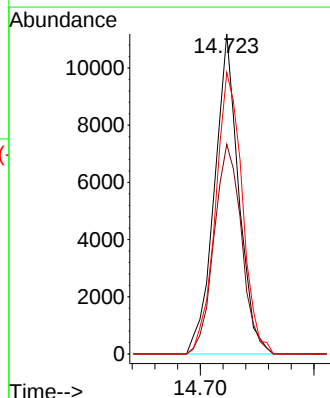
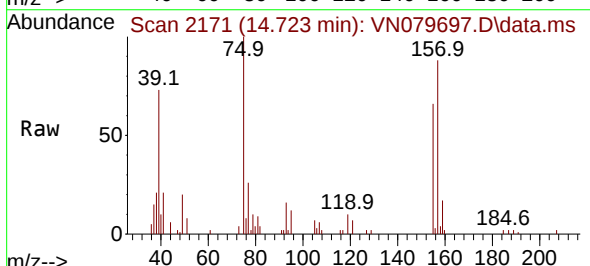
Tgt Ion: 75 Resp: 16628

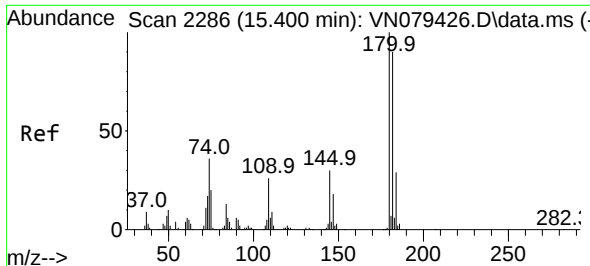
Ion Ratio Lower Upper

75 100

155 73.9 39.1 117.2

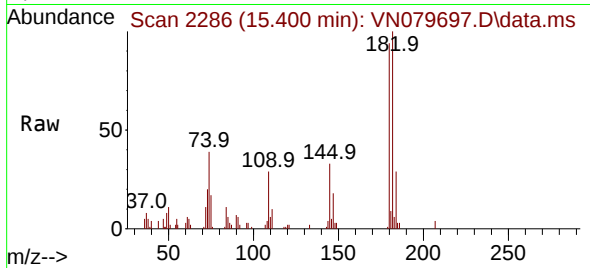
157 96.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 16.857 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

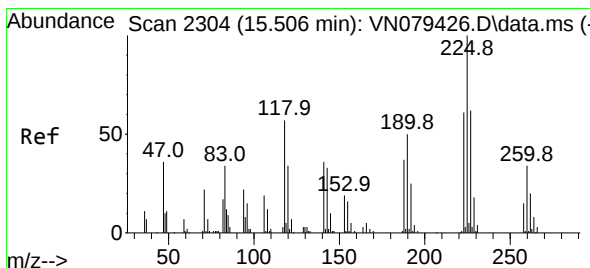
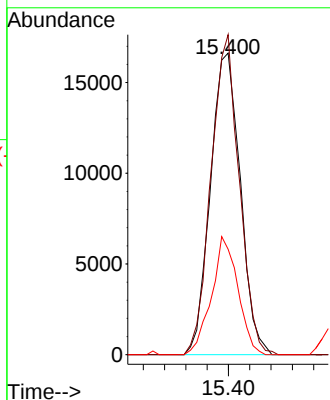
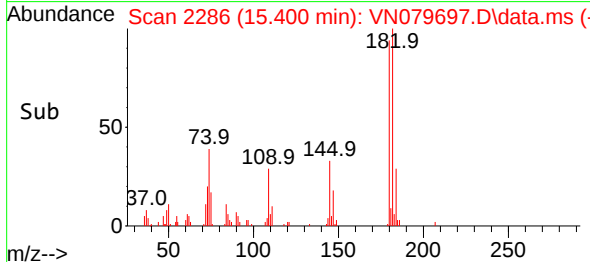
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBS02



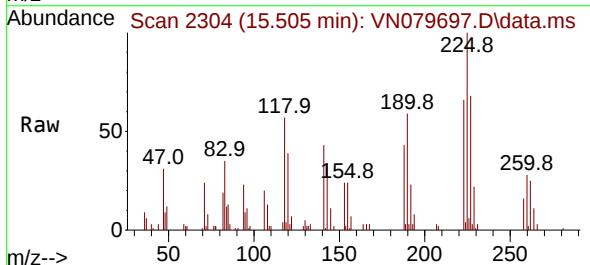
Tgt Ion:180 Resp: 3234
Ion Ratio Lower Upper
180 100
182 99.9 46.1 138.2
145 34.5 16.6 49.8

Manual Integrations
APPROVED

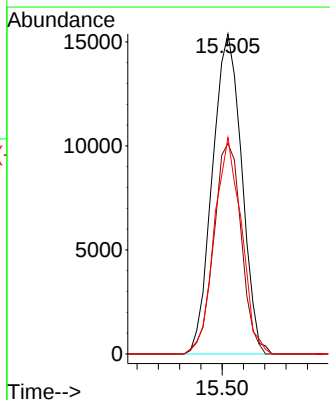
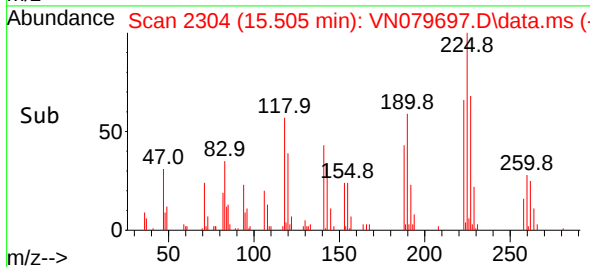
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

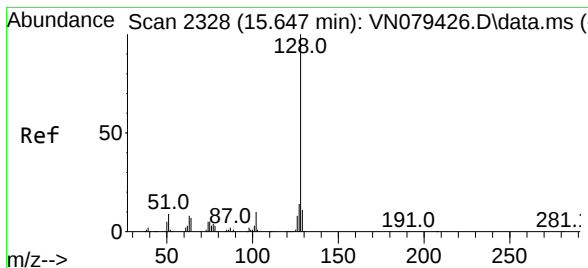


#94
Hexachlorobutadiene
Concen: 19.649 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



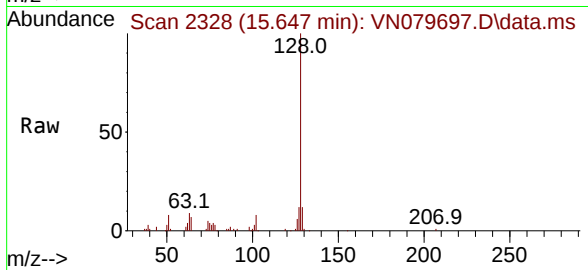
Tgt Ion:225 Resp: 29367
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.8
227 62.7 31.9 95.9





#95
Naphthalene
Concen: 15.136 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43

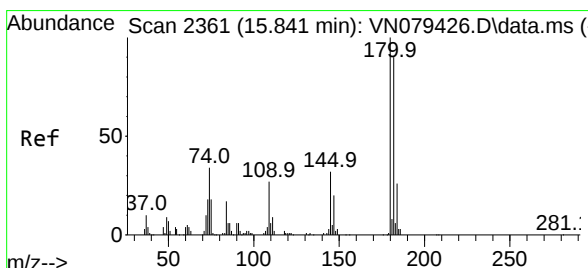
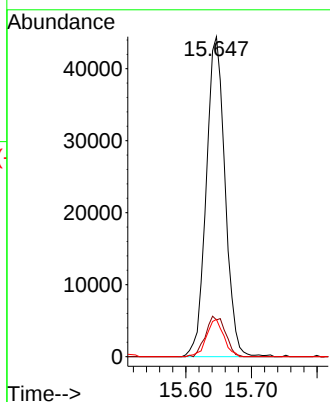
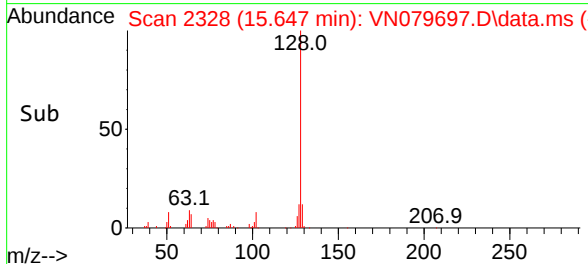
Instrument :
MSVOA_N
ClientSampleId :
VN1026MBSD02



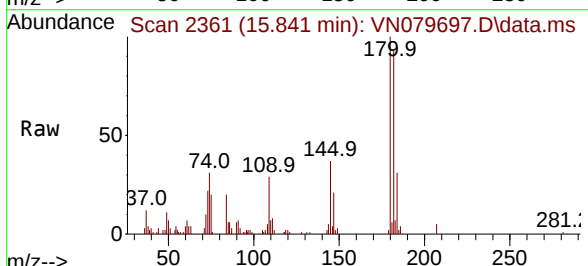
Tgt Ion:128 Resp: 8869
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 16.801 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN079697.D
Acq: 26 Oct 2023 15:43



Tgt Ion:180 Resp: 38474
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 34.4 17.5 52.6

