

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079842.D
 Acq On : 03 Nov 2023 12:30
 Operator : JC\MD
 Sample : VN1103WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023

Quant Time: Nov 04 00:50:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	280016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	474152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	436268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	224319	52.581	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.160%			
35) Dibromofluoromethane	8.165	113	173492	51.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.400%			
50) Toluene-d8	10.571	98	640951	51.882	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.760%			
62) 4-Bromofluorobenzene	12.853	95	215612	52.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69871	20.716	ug/l	99
3) Chloromethane	2.359	50	79983	18.198	ug/l	98
4) Vinyl Chloride	2.512	62	104155	23.591	ug/l	96
5) Bromomethane	2.954	94	61755	23.021	ug/l	93
6) Chloroethane	3.118	64	79832	22.884	ug/l	95
7) Trichlorofluoromethane	3.501	101	119211	21.709	ug/l	98
8) Diethyl Ether	3.959	74	42512	20.401	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	63891	20.071	ug/l	97
10) Methyl Iodide	4.589	142	71449	19.655	ug/l	97
11) Tert butyl alcohol	5.512	59	47789	87.752	ug/l	99
12) 1,1-Dichloroethene	4.342	96	59705	19.809	ug/l	84
13) Acrolein	4.183	56	58061	123.979	ug/l	95
14) Allyl chloride	5.030	41	97025	21.017	ug/l	93
15) Acrylonitrile	5.718	53	177914	104.832	ug/l	99
16) Acetone	4.424	43	164212	109.583	ug/l	91
17) Carbon Disulfide	4.712	76	167457	19.261	ug/l	98
18) Methyl Acetate	5.024	43	149856	20.902	ug/l #	81
19) Methyl tert-butyl Ether	5.795	73	216215	20.836	ug/l	94
20) Methylene Chloride	5.271	84	79054	20.907	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	69231	20.595	ug/l	89
22) Diisopropyl ether	6.671	45	250530	23.418	ug/l #	90
23) Vinyl Acetate	6.606	43	648089	109.825	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	144161	22.170	ug/l	99
25) 2-Butanone	7.483	43	239740	109.252	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	115166	21.416	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	84646	21.051	ug/l	86
28) Bromochloromethane	7.812	49	69864	22.047	ug/l #	73
29) Tetrahydrofuran	7.836	42	154526	108.235	ug/l #	74
30) Chloroform	7.965	83	150717	21.339	ug/l	93
31) Cyclohexane	8.259	56	115560	20.499	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	123390	21.440	ug/l	95
36) 1,1-Dichloropropene	8.371	75	103529	21.606	ug/l	95
37) Ethyl Acetate	7.559	43	97453	22.176	ug/l #	90
38) Carbon Tetrachloride	8.365	117	103468	21.426	ug/l	98
39) Methylcyclohexane	9.600	83	92186	20.443	ug/l #	85
40) Benzene	8.606	78	319126	22.236	ug/l	97

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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)
41) Methacrylonitrile	7.783	41	53972	23.129	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	123100	24.556	ug/l	96
43) Isopropyl Acetate	8.688	43	158018	20.504	ug/l #	92
44) Trichloroethene	9.353	130	79251	22.254	ug/l	98
45) 1,2-Dichloropropane	9.624	63	85965	23.439	ug/l	94
46) Dibromomethane	9.712	93	56486	22.556	ug/l	95
47) Bromodichloromethane	9.888	83	116844	21.877	ug/l	90
48) Methyl methacrylate	9.682	41	76453	22.649	ug/l #	81
49) 1,4-Dioxane	9.694	88	24591	412.282	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	491292	113.234	ug/l	88
52) Toluene	10.635	92	193738	22.771	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	117830	22.505	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	131309	23.009	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	78937	23.067	ug/l	95
56) Ethyl methacrylate	10.877	69	108705	22.270	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	140050	23.218	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	256759	103.781	ug/l	89
59) 2-Hexanone	11.200	43	355955	107.244	ug/l	88
60) Dibromochloromethane	11.365	129	81792	22.329	ug/l	98
61) 1,2-Dibromoethane	11.471	107	76018	22.132	ug/l	99
64) Tetrachloroethene	11.106	164	67454	23.873	ug/l	96
65) Chlorobenzene	11.894	112	201449	21.287	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	77919	22.853	ug/l	96
67) Ethyl Benzene	11.965	91	352085	21.354	ug/l	95
68) m/p-Xylenes	12.076	106	265782	43.273	ug/l	93
69) o-Xylene	12.400	106	127257	21.516	ug/l	93
70) Styrene	12.412	104	210885	22.187	ug/l	97
71) Bromoform	12.582	173	53322	22.024	ug/l #	100
73) Isopropylbenzene	12.700	105	318541	21.136	ug/l	99
74) N-amyl acetate	12.494	43	128982	19.607	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	113212	21.186	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	97982m	21.016	ug/l	
77) Bromobenzene	12.982	156	79077	21.431	ug/l	94
78) n-propylbenzene	13.035	91	378371	21.923	ug/l	98
79) 2-Chlorotoluene	13.129	91	239228	21.698	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	257266	21.940	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35826	20.907	ug/l #	79
82) 4-Chlorotoluene	13.223	91	237078	21.639	ug/l	97
83) tert-Butylbenzene	13.441	119	206200	21.483	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	263812	22.867	ug/l	97
85) sec-Butylbenzene	13.618	105	290345	21.834	ug/l	100
86) p-Isopropyltoluene	13.729	119	231980	21.396	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	143055	20.841	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	144360	20.719	ug/l	99
89) n-Butylbenzene	14.059	91	191582	20.516	ug/l	99
90) Hexachloroethane	14.335	117	45425	21.156	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	140605	21.699	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18117	19.992	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	61446	19.943	ug/l	98
94) Hexachlorobutadiene	15.500	225	30078	21.534	ug/l	97
95) Naphthalene	15.641	128	172602	16.519	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	60325	19.974	ug/l	99

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MSVOA_N
ClientSampleId :
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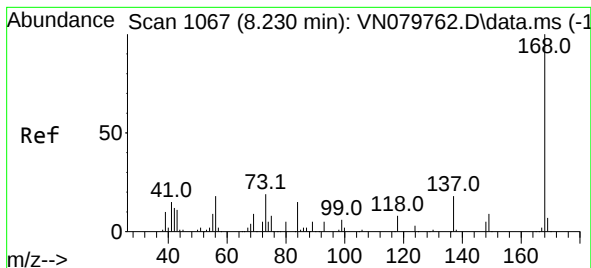
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

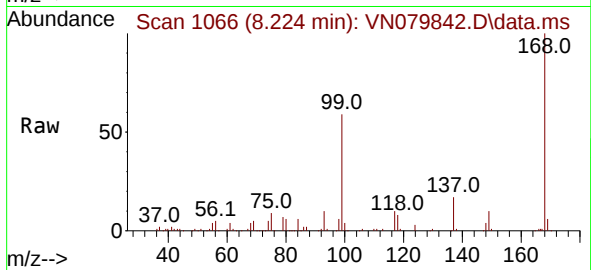
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN079842.D
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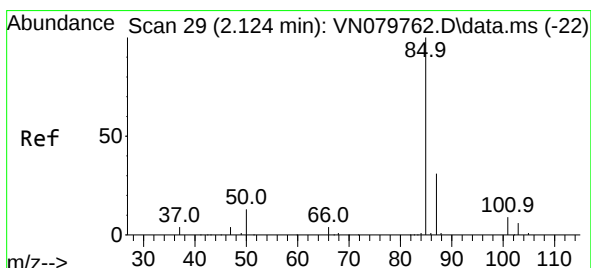
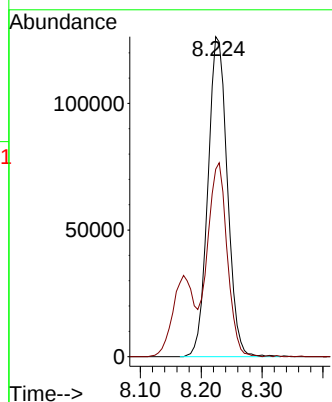
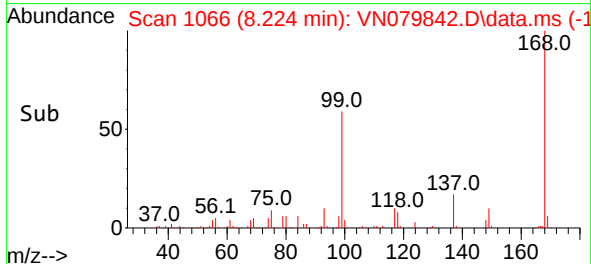
Instrument :
MSVOA_N
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VN1103WBSD01



Tgt Ion:168 Resp: 280010
Ion Ratio Lower Upper
168 100
99 58.4 53.0 79.6

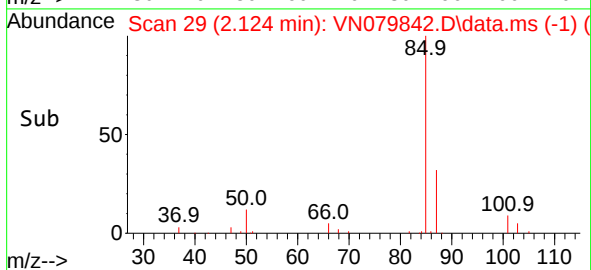
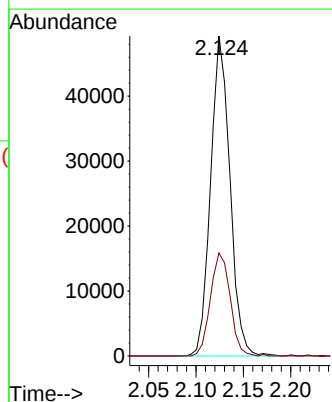
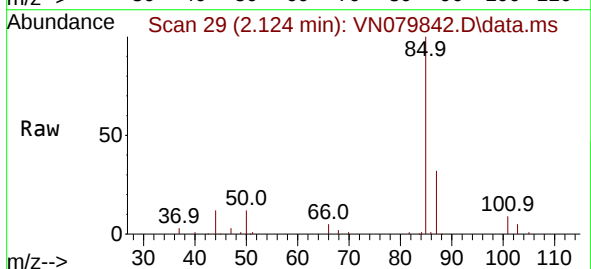
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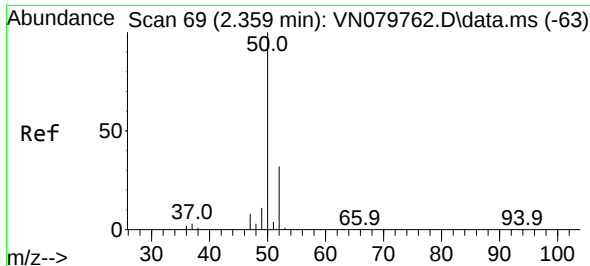
Reviewed By :John Carlone 11/04/2023
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#2
Dichlorodifluoromethane
Concen: 20.716 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

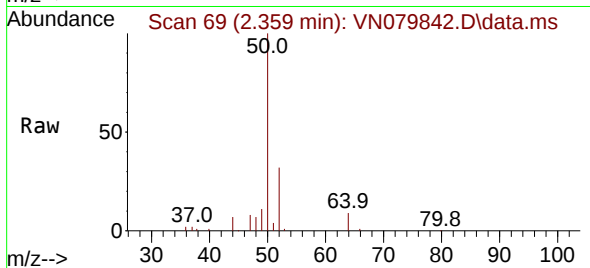
Tgt Ion: 85 Resp: 69871
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





#3
Chloromethane
Concen: 18.198 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

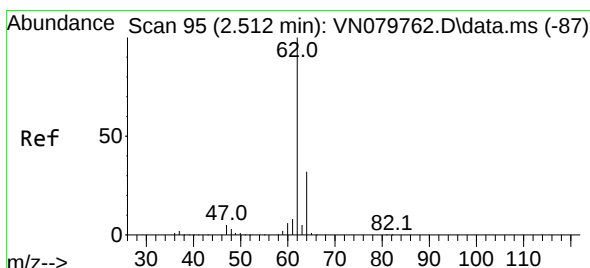
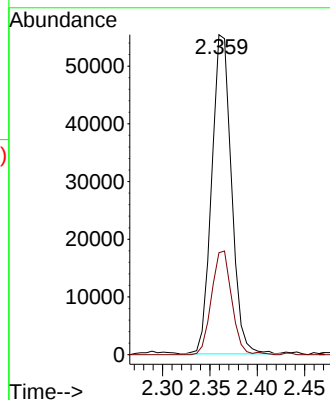
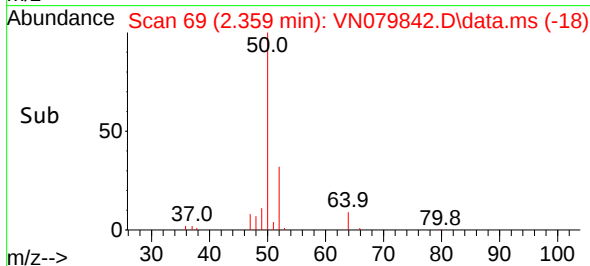
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Tgt Ion: 50 Resp: 7998
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

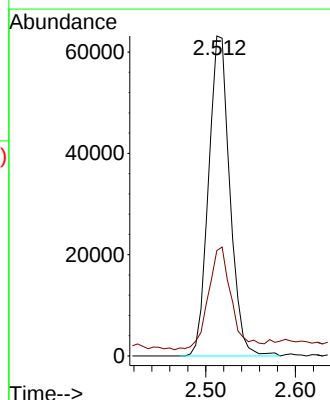
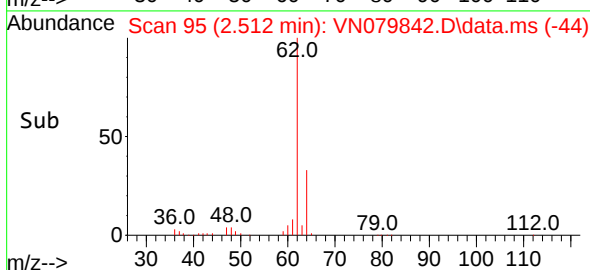
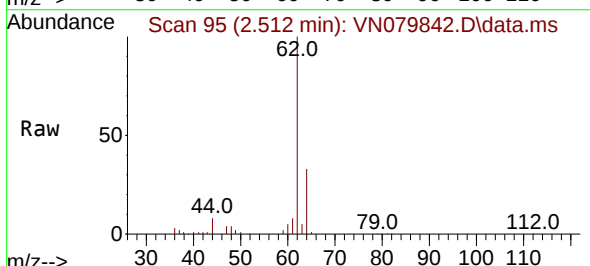
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#4
Vinyl Chloride
Concen: 23.591 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

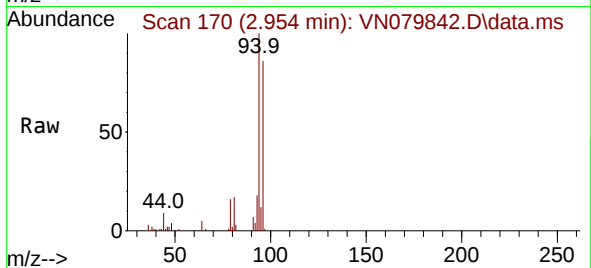
Tgt Ion: 62 Resp: 104155
Ion Ratio Lower Upper
62 100
64 30.4 26.2 39.2





#5
Bromomethane
Concen: 23.021 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

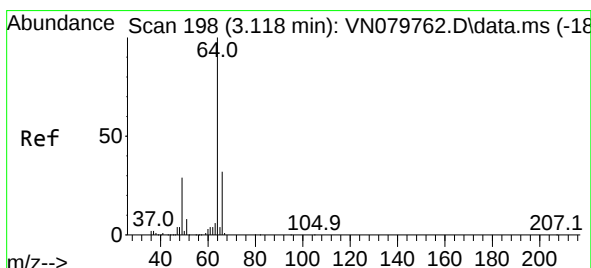
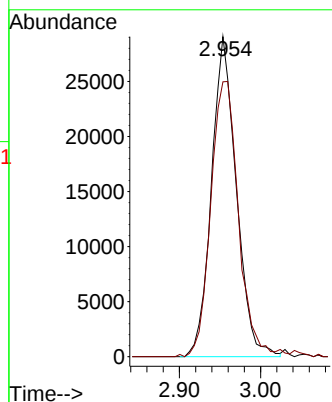
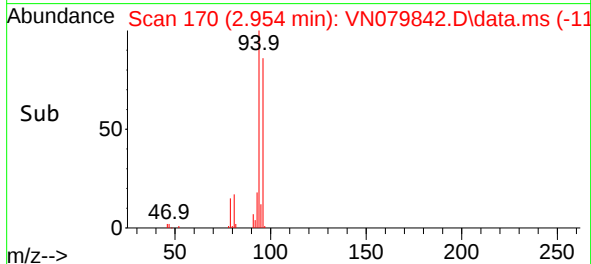
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 6175
Ion Ratio Lower Upper
94 100
96 85.2 73.1 109.7

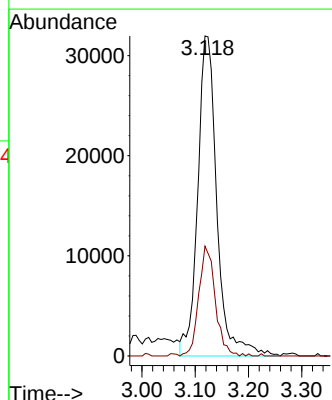
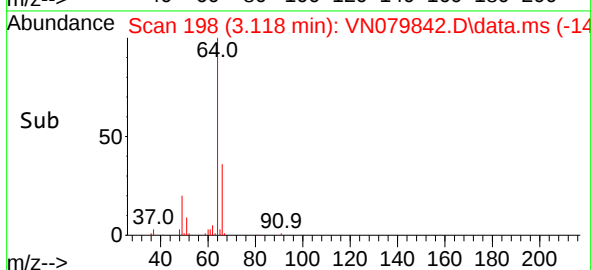
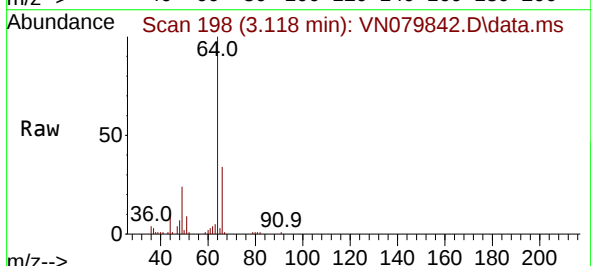
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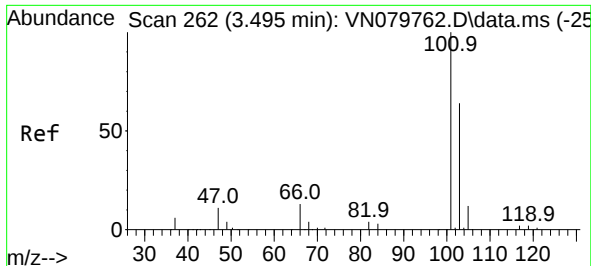
Reviewed By :John Carlone 11/04/2023
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#6
Chloroethane
Concen: 22.884 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

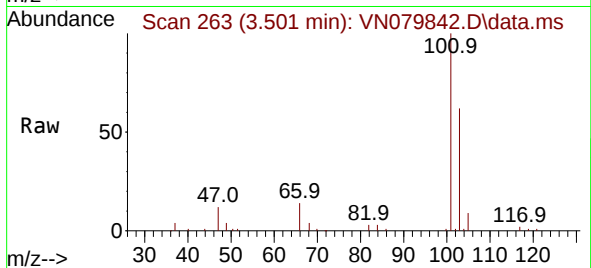
Tgt Ion: 64 Resp: 79832
Ion Ratio Lower Upper
64 100
66 34.3 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 21.709 ug/l
 RT: 3.501 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VN079842.D
 Acq: 03 Nov 2023 12:30

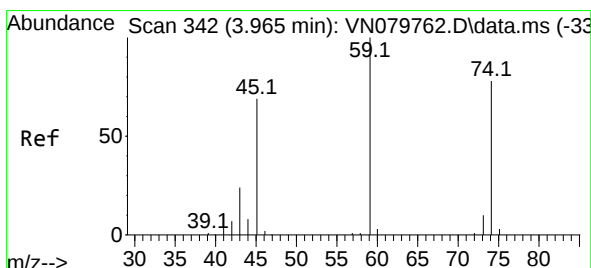
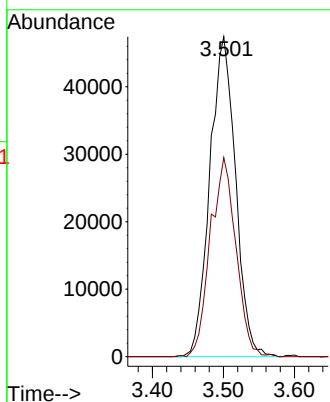
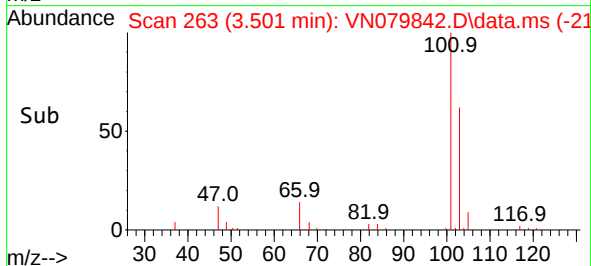
Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 11921
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.7 76.1

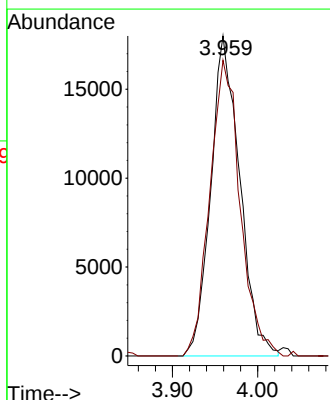
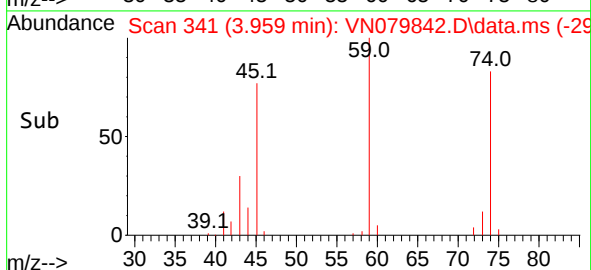
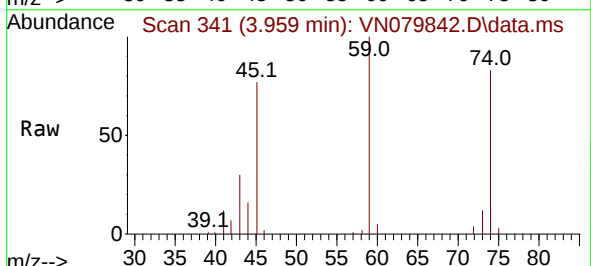
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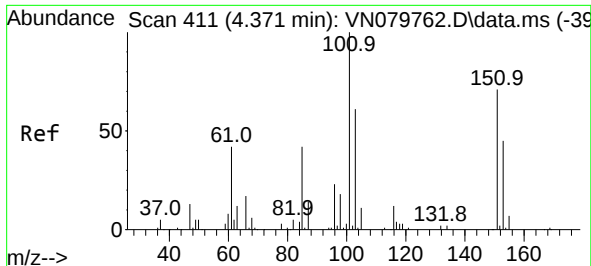
Reviewed By :John Carlone 11/04/2023
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#8
 Diethyl Ether
 Concen: 20.401 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079842.D
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Tgt Ion: 74 Resp: 42512
 Ion Ratio Lower Upper
 74 100
 45 97.0 34.4 103.3





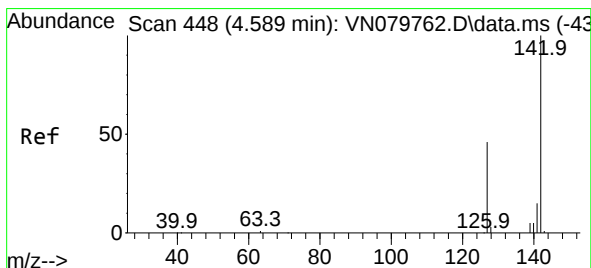
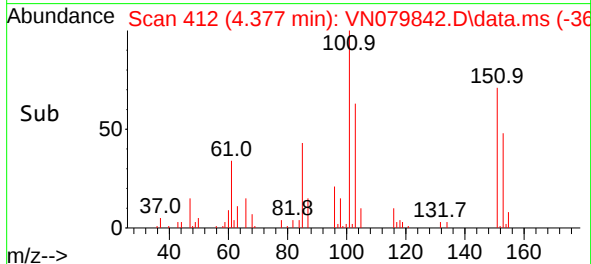
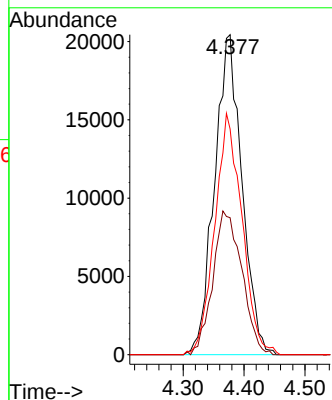
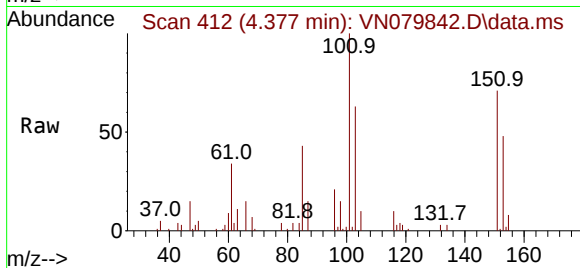
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.071 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079842.D
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VN1103WBSD01

Tgt Ion:101 Resp: 6389
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 75.0 57.6 86.4

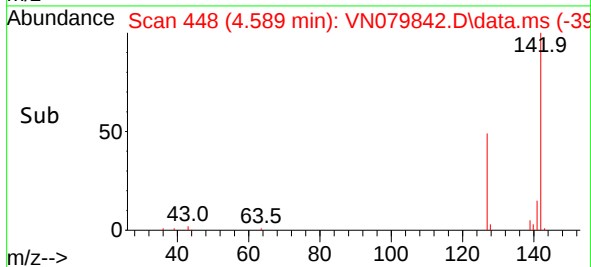
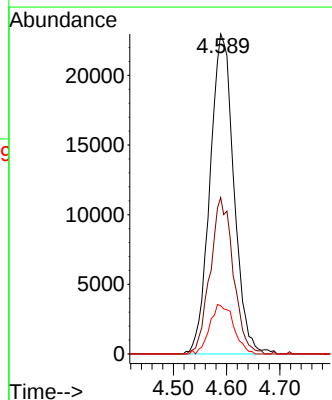
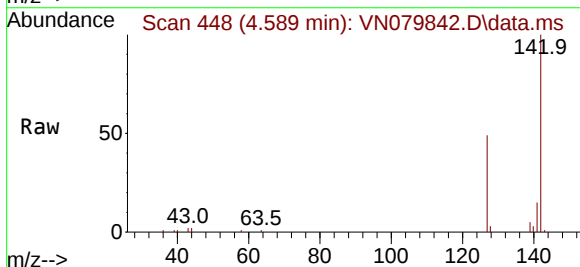
Manual Integrations
APPROVED

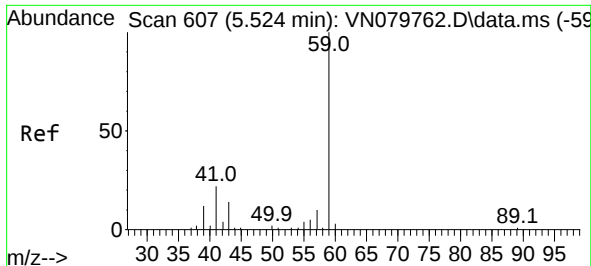
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 19.655 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

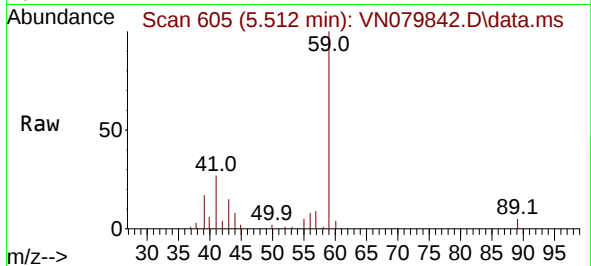
Tgt Ion:142 Resp: 71449
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 15.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 87.752 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

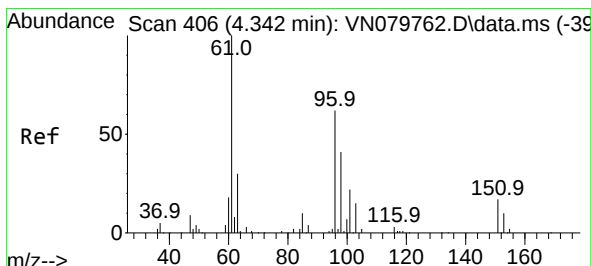
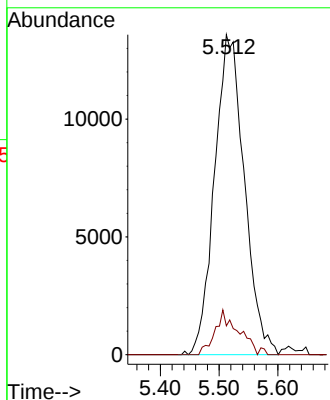
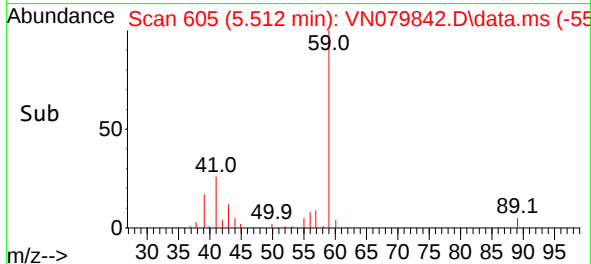
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



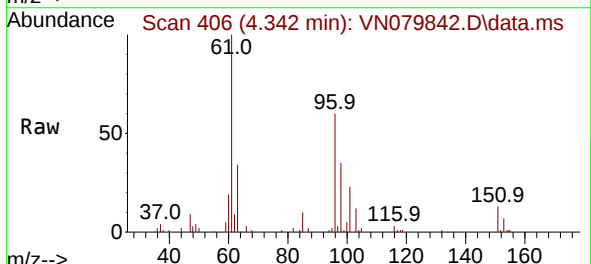
Tgt Ion: 59 Resp: 47789
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
APPROVED

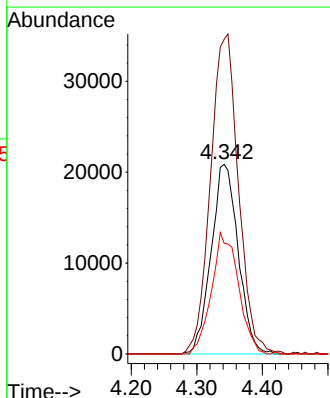
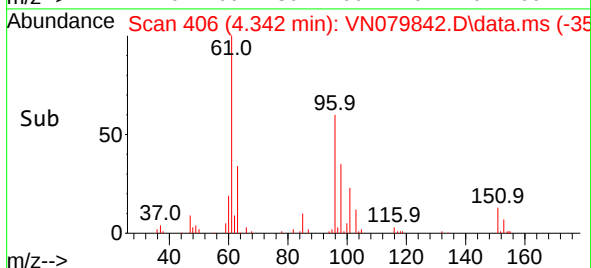
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

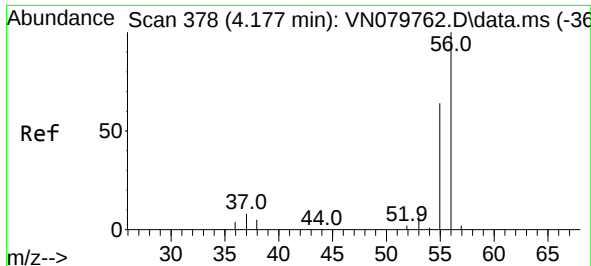


#12
1,1-Dichloroethene
Concen: 19.809 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion: 96 Resp: 59705
Ion Ratio Lower Upper
96 100
61 165.9 112.7 169.1
98 58.4 51.2 76.8





#13

Acrolein

Concen: 123.979 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion: 56 Resp: 5806

Ion Ratio Lower Upper

56 100

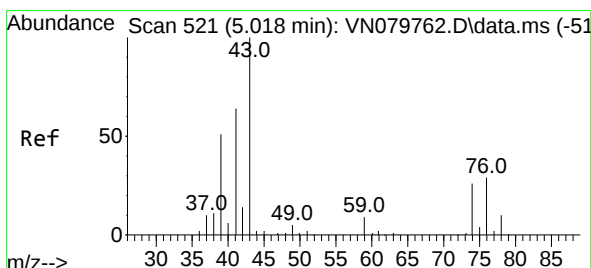
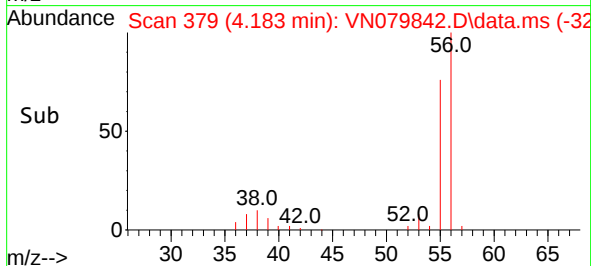
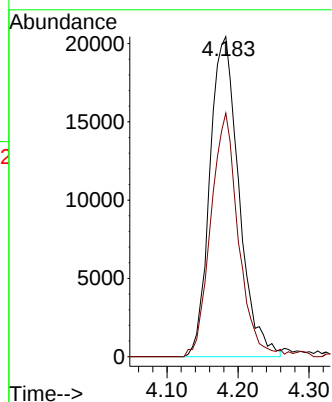
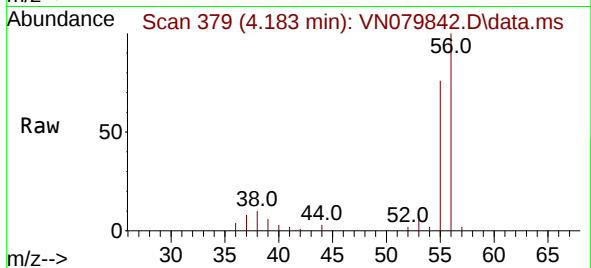
55 72.4 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#14

Allyl chloride

Concen: 21.017 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

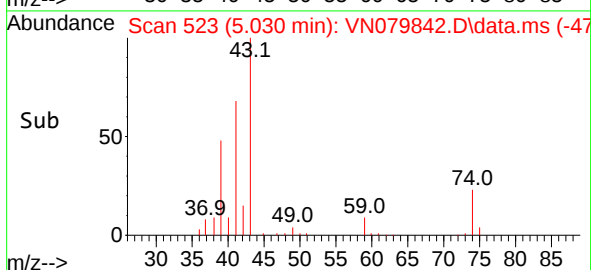
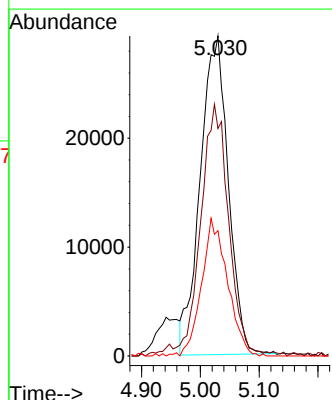
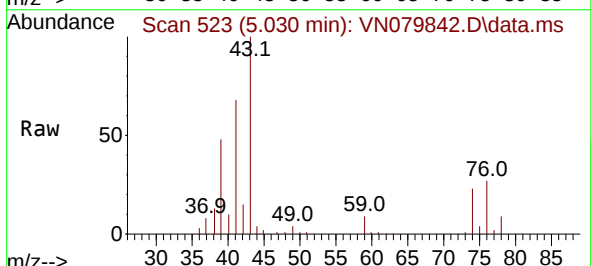
Tgt Ion: 41 Resp: 97025

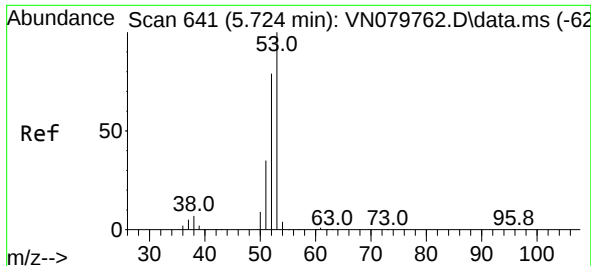
Ion Ratio Lower Upper

41 100

39 76.1 58.8 88.2

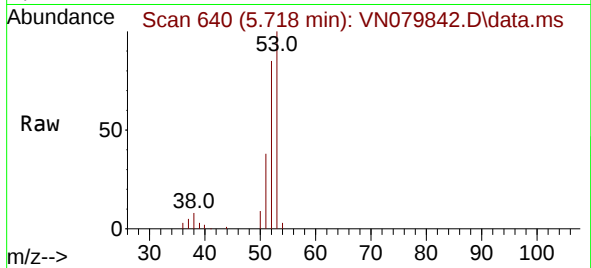
76 40.0 39.1 58.7





#15
Acrylonitrile
Concen: 104.832 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

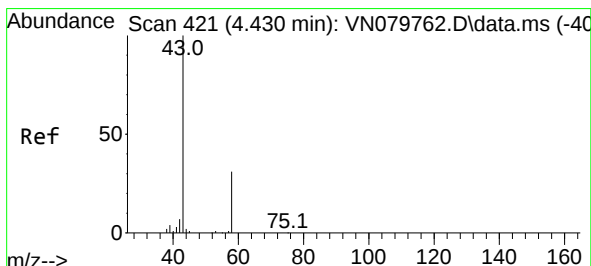
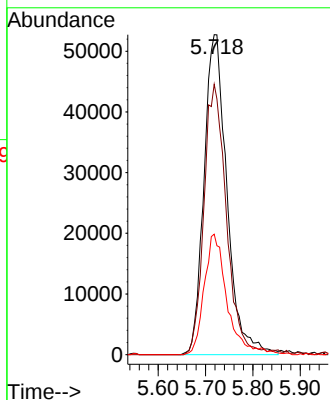
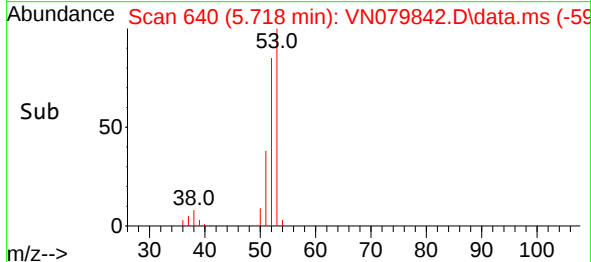
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



Tgt Ion: 53 Resp: 177914
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 37.5 28.9 43.3

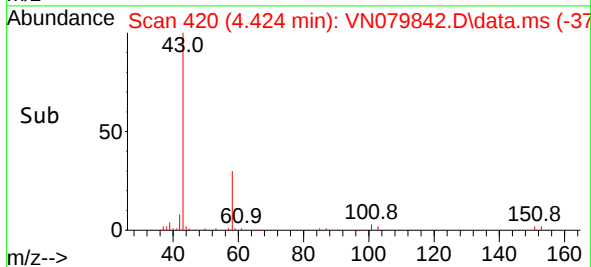
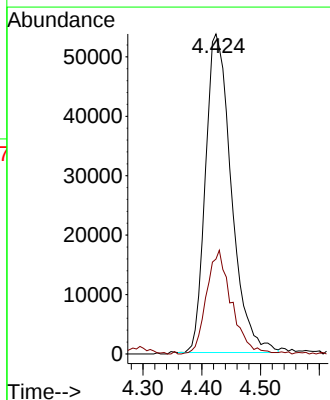
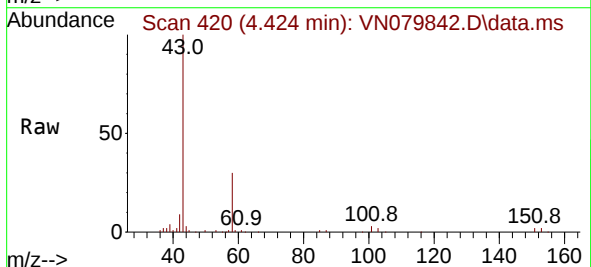
Manual Integrations
APPROVED

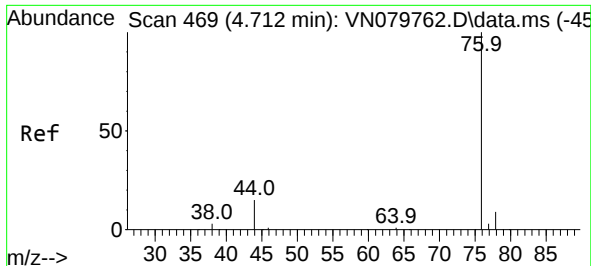
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 109.583 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

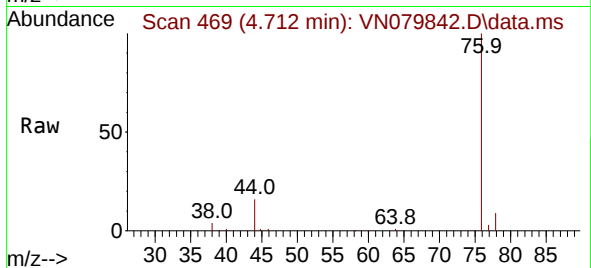
Tgt Ion: 43 Resp: 164212
Ion Ratio Lower Upper
43 100
58 29.8 28.0 42.0





#17
Carbon Disulfide
Concen: 19.261 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

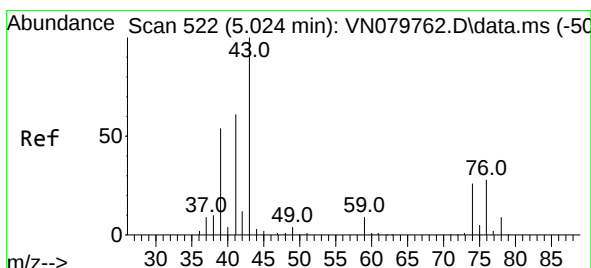
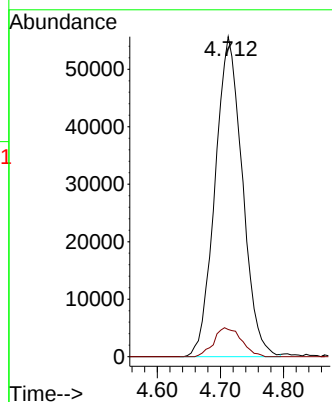
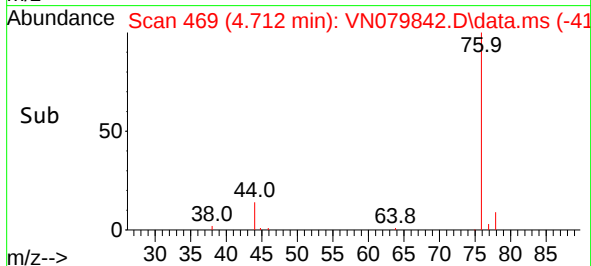
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



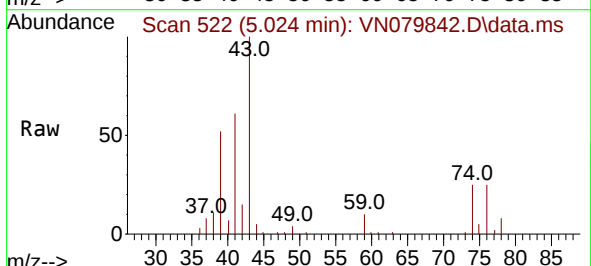
Tgt Ion: 76 Resp: 16745
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

Manual Integrations
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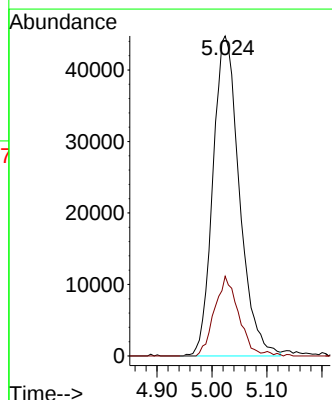
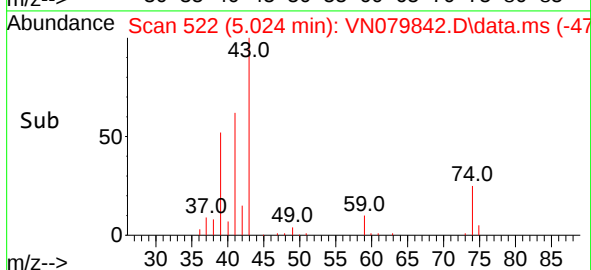
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

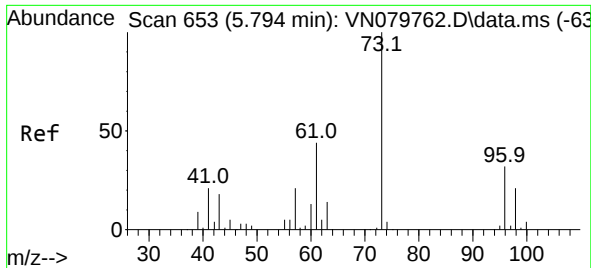


#18
Methyl Acetate
Concen: 20.902 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion: 43 Resp: 149856
Ion Ratio Lower Upper
43 100
74 22.3 26.2 39.4#





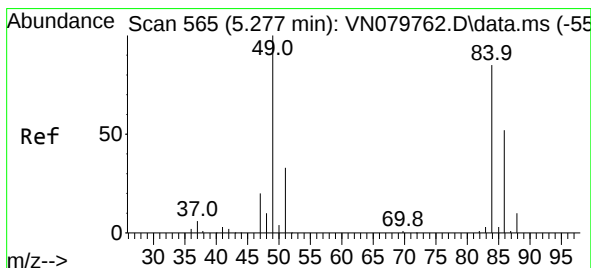
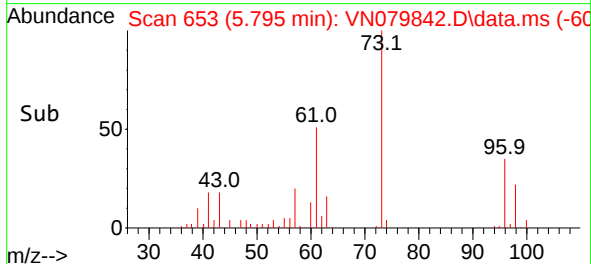
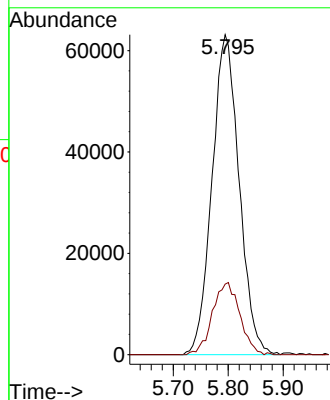
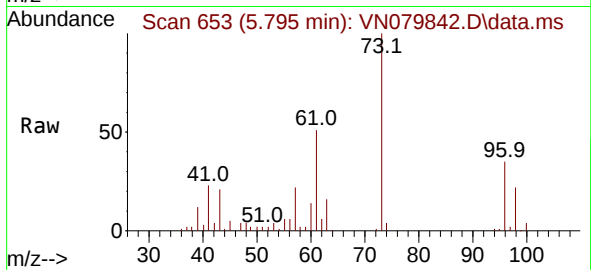
#19
Methyl tert-butyl Ether
Concen: 20.836 ug/l
RT: 5.795 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion: 73 Resp: 216215
Ion Ratio Lower Upper
73 100
57 22.0 15.6 23.4

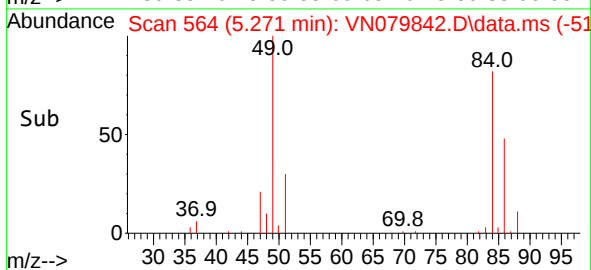
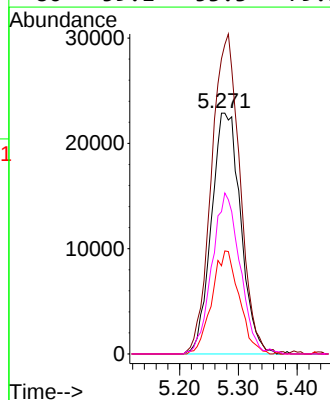
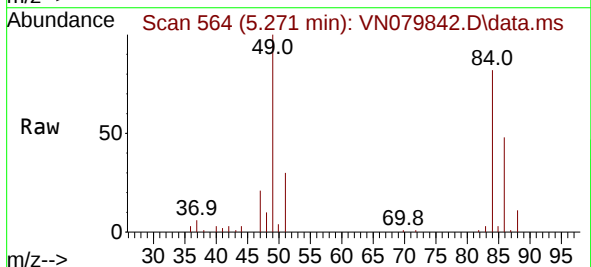
Manual Integrations
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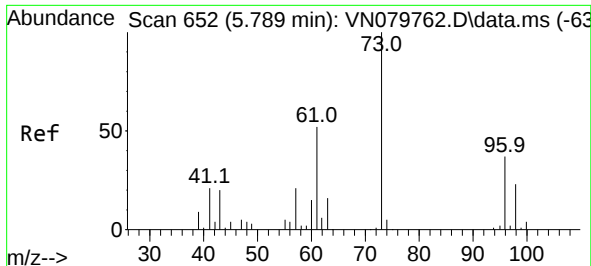
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 20.907 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Tgt Ion: 84 Resp: 79054
Ion Ratio Lower Upper
84 100
49 122.6 79.7 119.5#
51 36.6 25.2 37.8
86 59.1 53.3 79.9





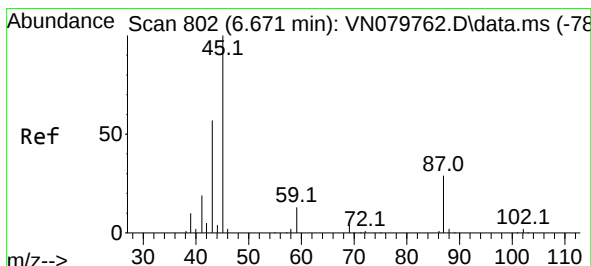
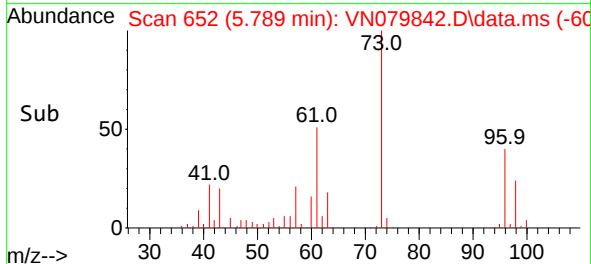
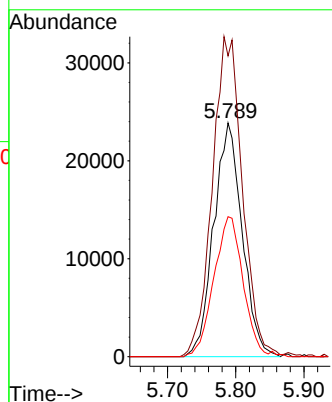
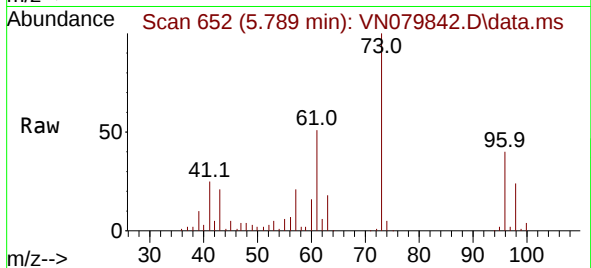
#21
trans-1,2-Dichloroethene
Concen: 20.595 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion: 96 Resp: 6923
Ion Ratio Lower Upper
96 100
61 128.7 90.1 135.1
98 59.9 46.4 69.6

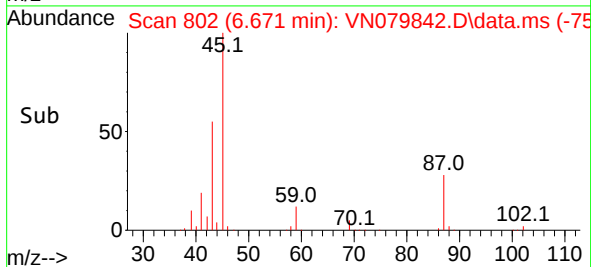
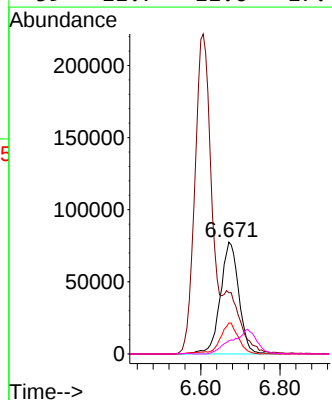
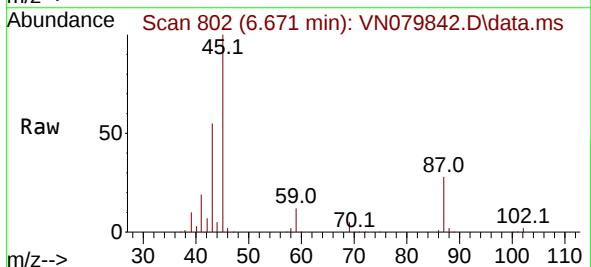
Manual Integrations
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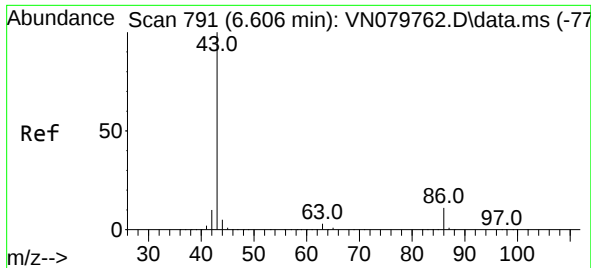
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 23.418 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Tgt Ion: 45 Resp: 250530
Ion Ratio Lower Upper
45 100
43 53.8 45.5 68.3
87 27.6 31.8 47.8#
59 11.7 11.6 17.4





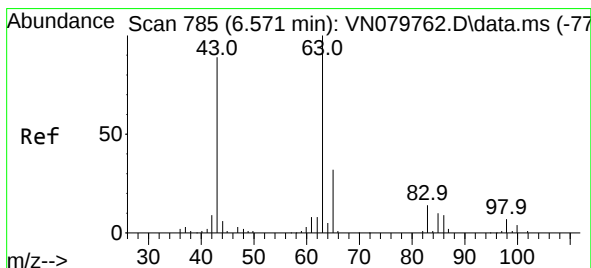
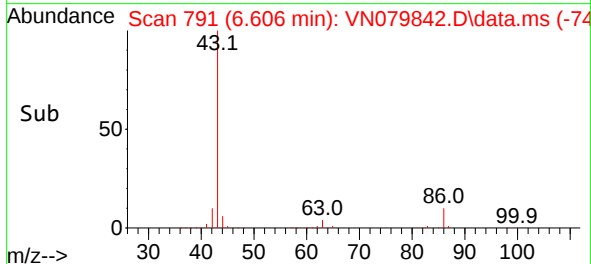
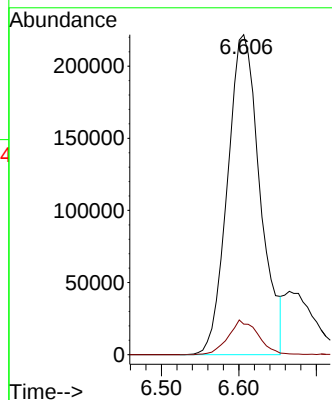
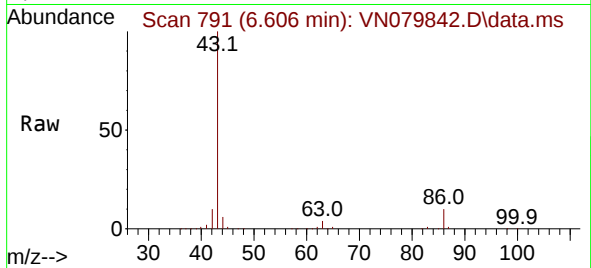
#23
 Vinyl Acetate
 Concen: 109.825 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079842.D
 Acq: 03 Nov 2023 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBSD01

Tgt Ion: 43 Resp: 648089
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6

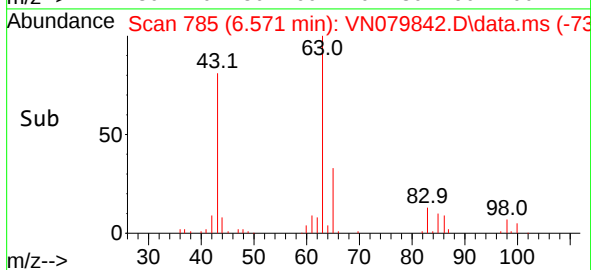
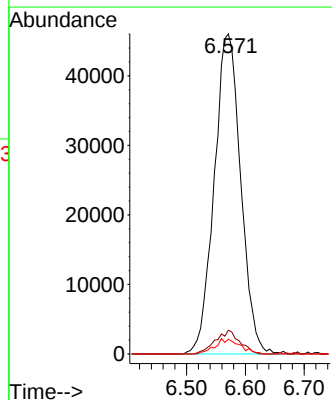
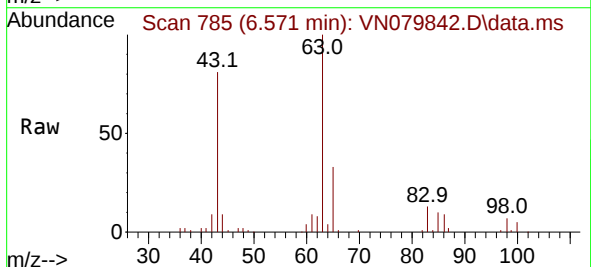
Manual Integrations
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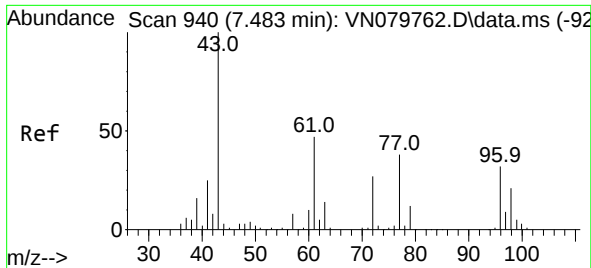
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 22.170 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079842.D
 Acq: 03 Nov 2023 12:30

Tgt Ion: 63 Resp: 144161
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.6 2.5 7.4





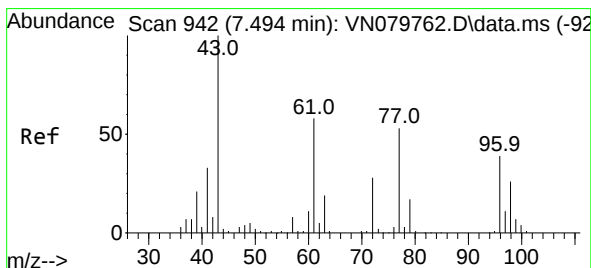
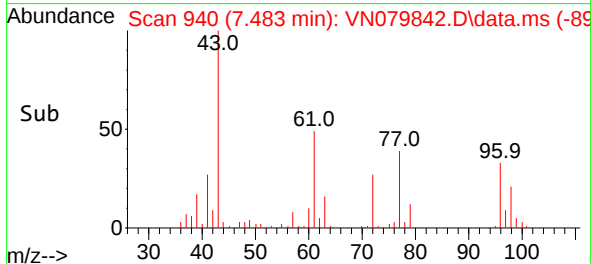
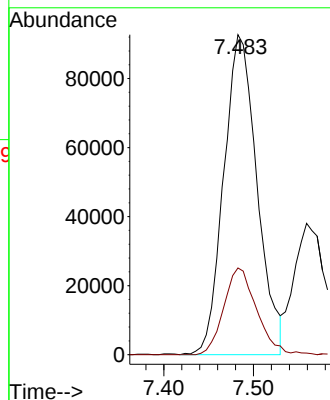
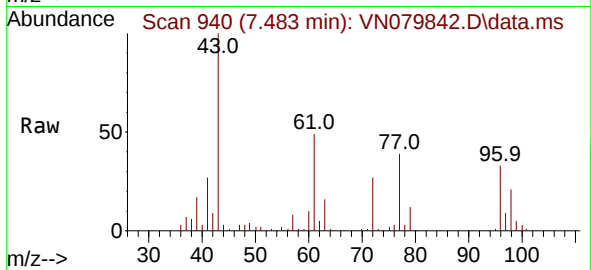
#25
2-Butanone
Concen: 109.252 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion: 43 Resp: 239740
Ion Ratio Lower Upper
43 100
72 27.1 30.2 45.2

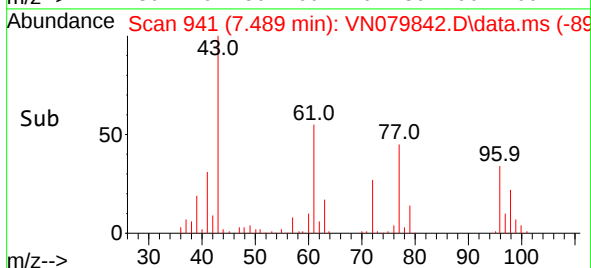
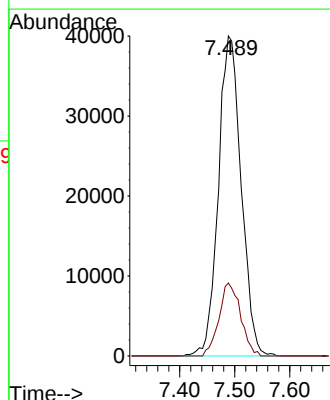
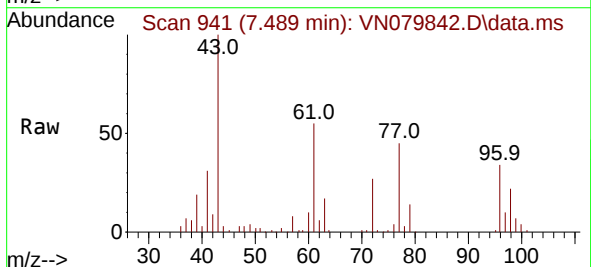
Manual Integrations
APPROVED

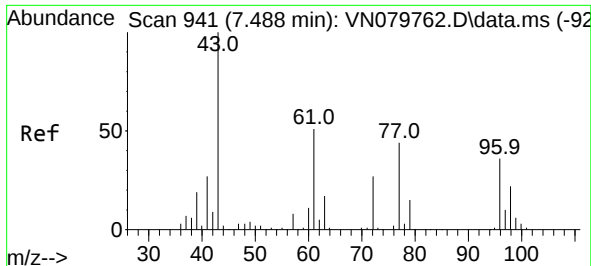
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#26
2,2-Dichloropropane
Concen: 21.416 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

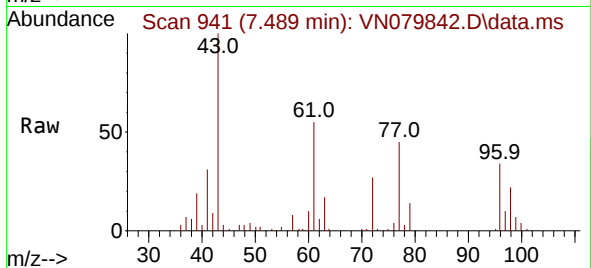
Tgt Ion: 77 Resp: 115166
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.051 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079842.D
 Acq: 03 Nov 2023 12:30

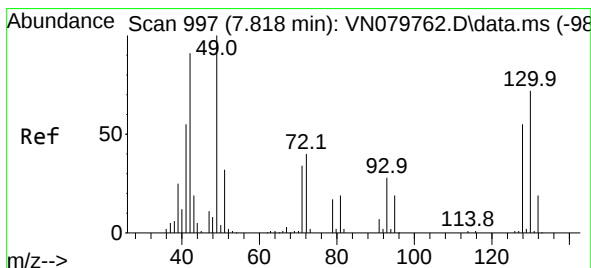
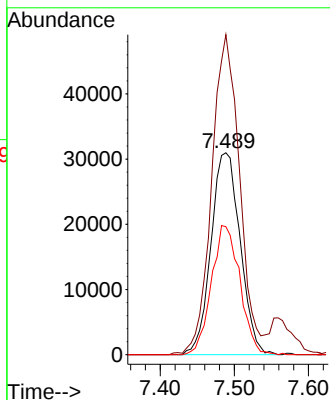
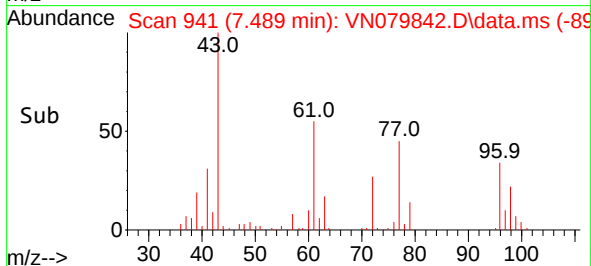
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBSD01



Tgt Ion: 96 Resp: 84640
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 255.2
 98 62.4 0.0 128.8

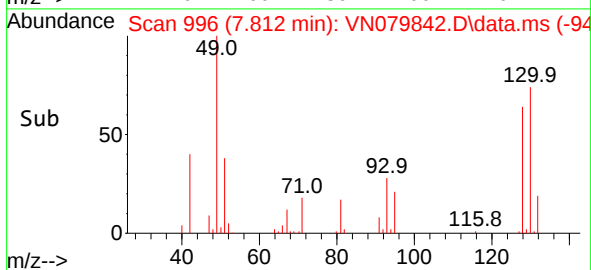
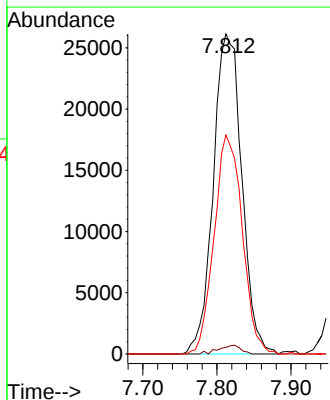
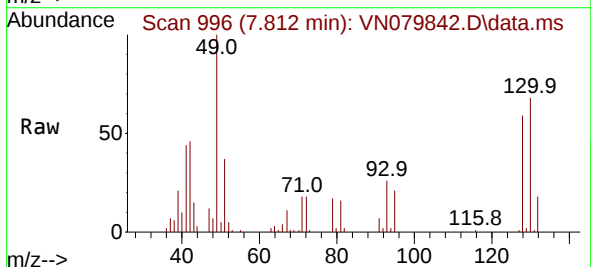
Manual Integrations
 APPROVED

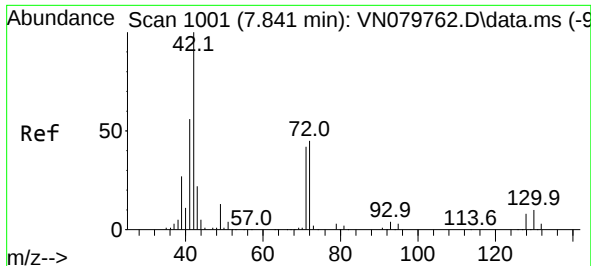
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 22.047 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079842.D
 Acq: 03 Nov 2023 12:30

Tgt Ion: 49 Resp: 69864
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 67.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 108.235 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN079842.D

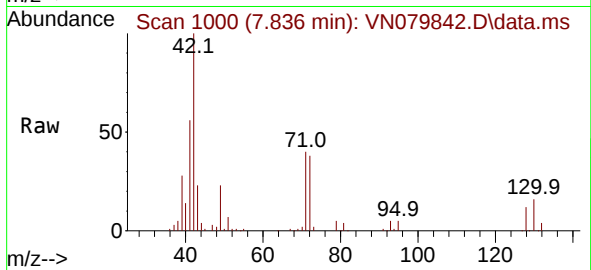
Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01



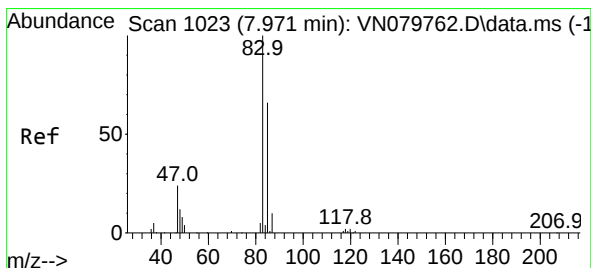
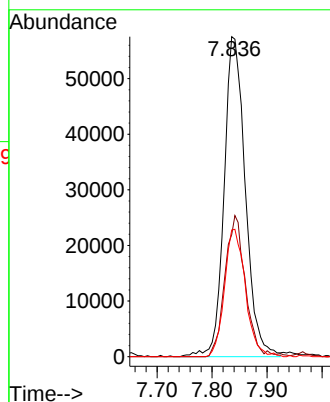
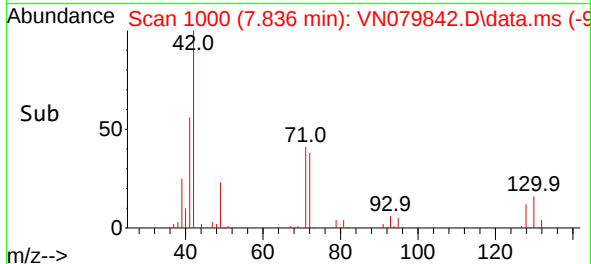
Tgt Ion:	42	Resp:	154520
Ion Ratio	100	Lower	Upper
42	100		
72	42.5	49.8	74.6
71	39.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 21.339 ug/l

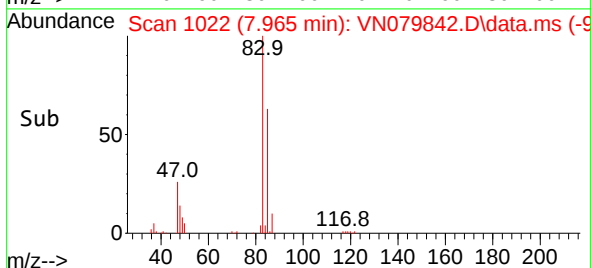
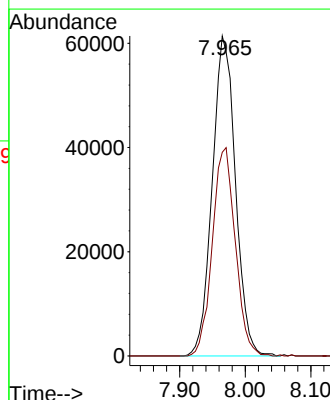
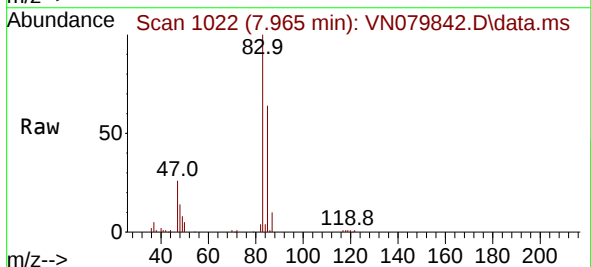
RT: 7.965 min Scan# 1022

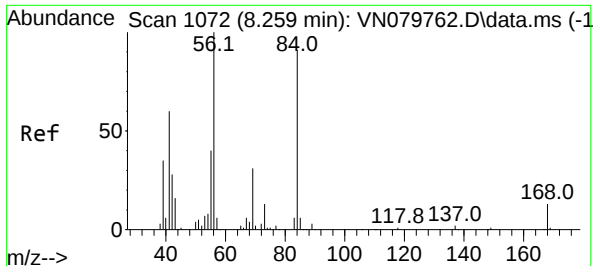
Delta R.T. -0.006 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

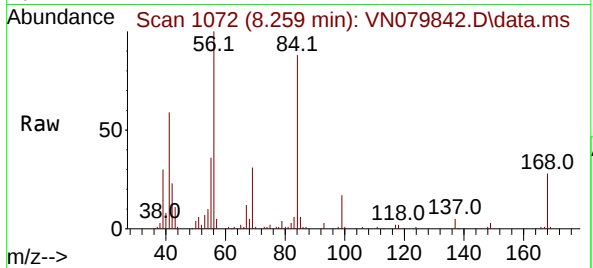
Tgt Ion:	83	Resp:	150717
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	55.4	83.0





#31
Cyclohexane
Concen: 20.499 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

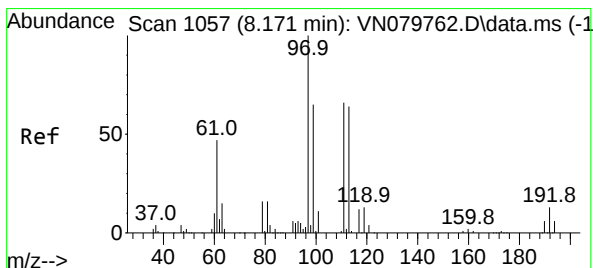
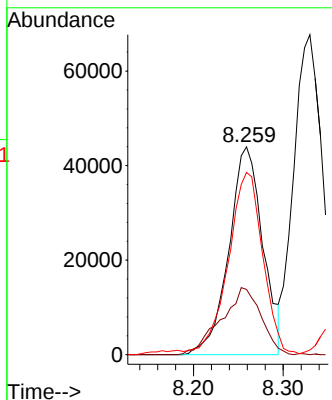
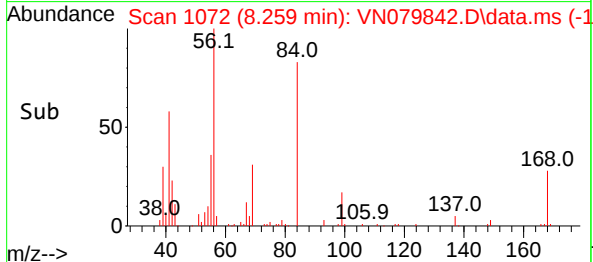
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



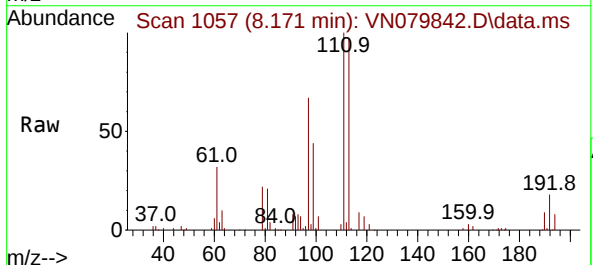
Tgt Ion: 56 Resp: 115560
Ion Ratio Lower Upper
56 100
69 31.4 26.8 40.2
84 85.6 81.8 122.6

Manual Integrations
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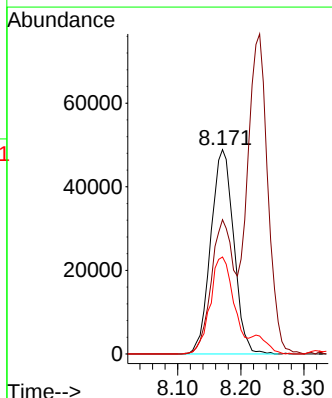
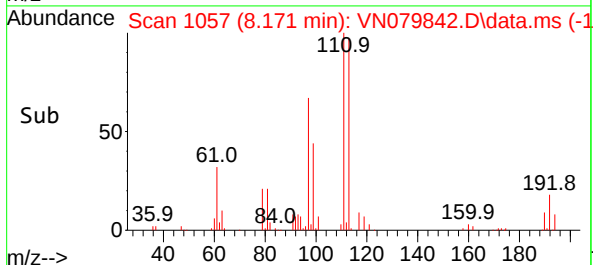
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

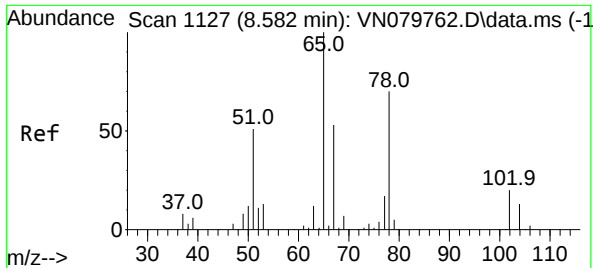


#32
1,1,1-Trichloroethane
Concen: 21.440 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion: 97 Resp: 123390
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 49.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.581 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion: 65 Resp: 224319

Ion Ratio Lower Upper

65 100

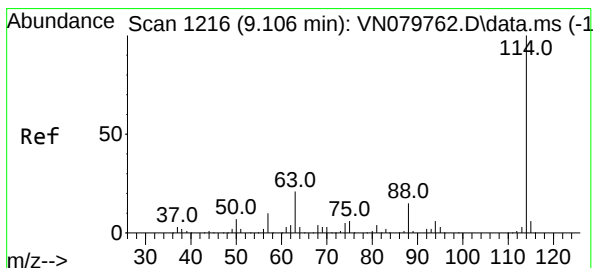
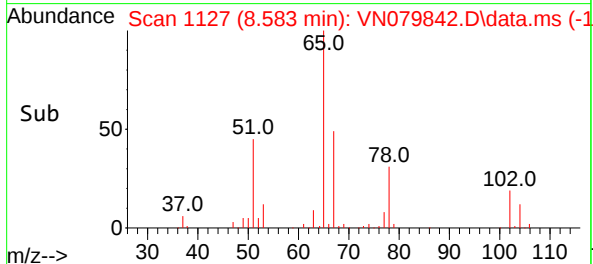
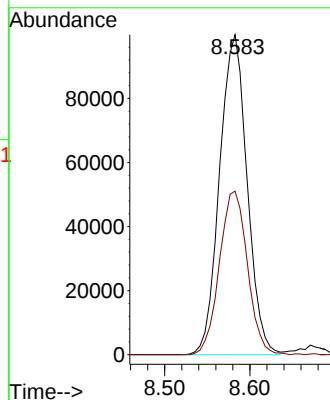
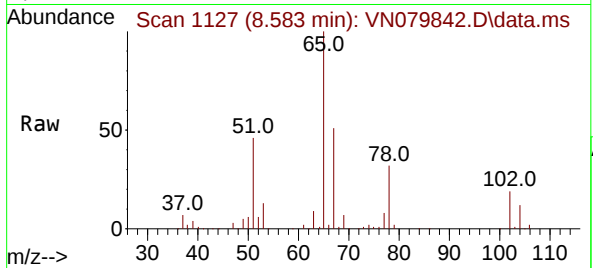
67 52.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

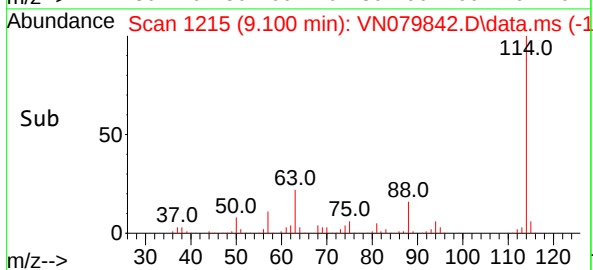
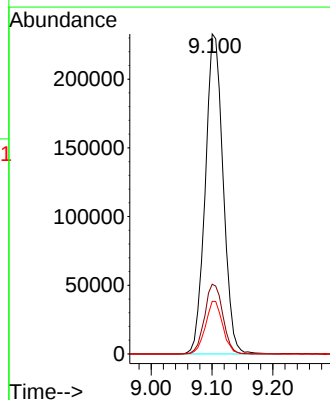
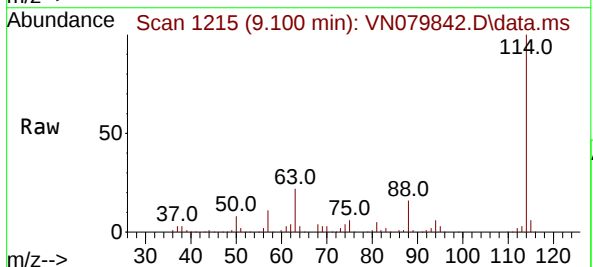
Tgt Ion:114 Resp: 474152

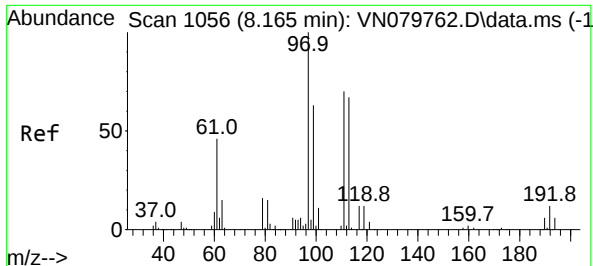
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.698 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion:113 Resp: 173492

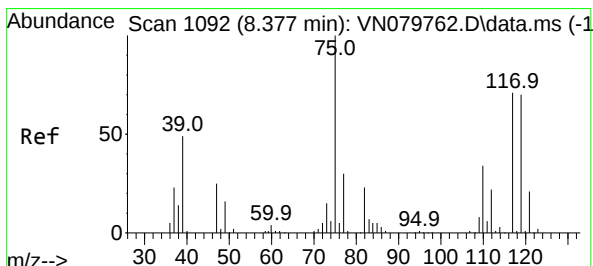
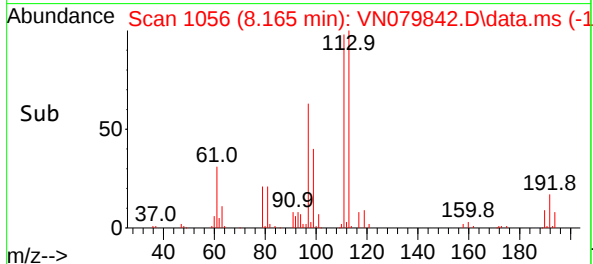
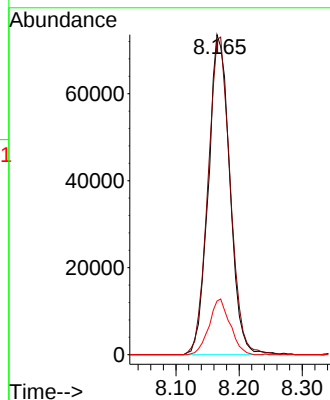
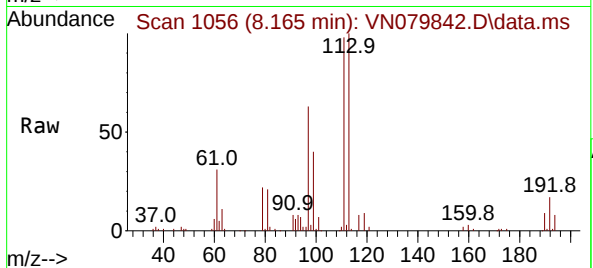
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	17.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#36

1,1-Dichloropropene

Concen: 21.606 ug/l

RT: 8.371 min Scan# 1091

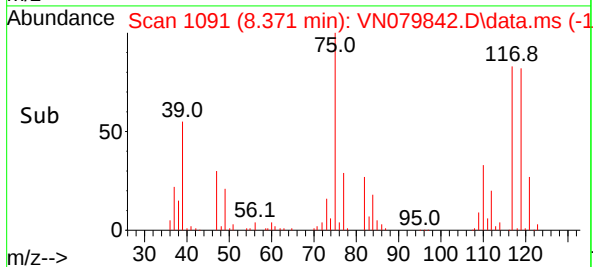
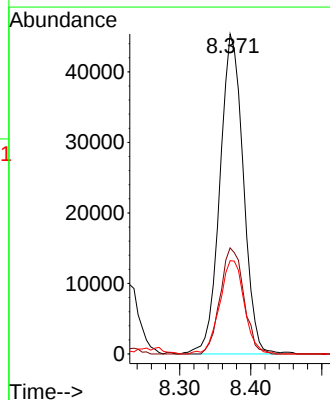
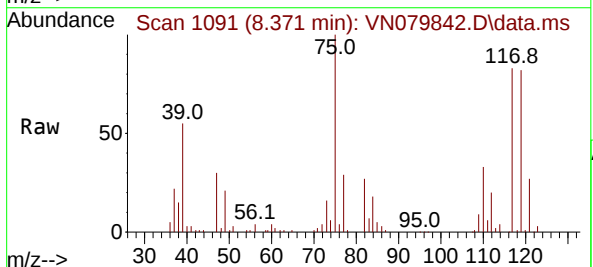
Delta R.T. -0.006 min

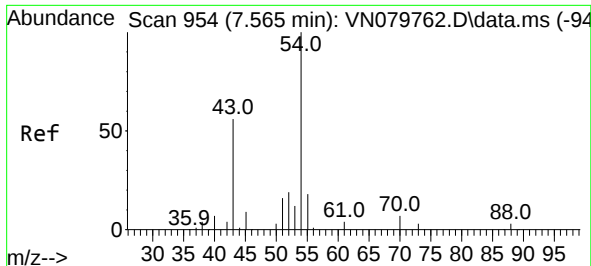
Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Tgt Ion: 75 Resp: 103529

Ion	Ratio	Lower	Upper
75	100		
110	33.5	19.1	57.3
77	30.7	25.0	37.4





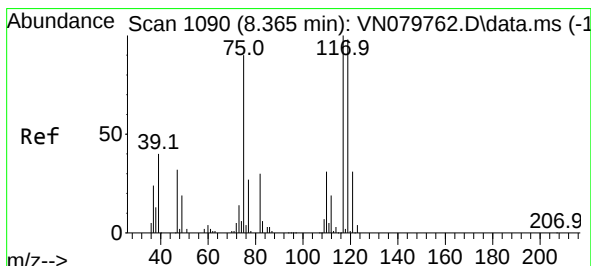
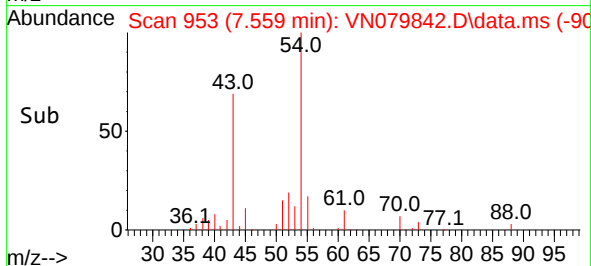
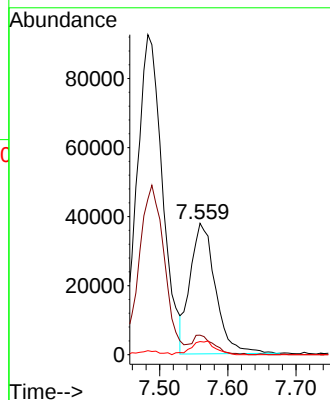
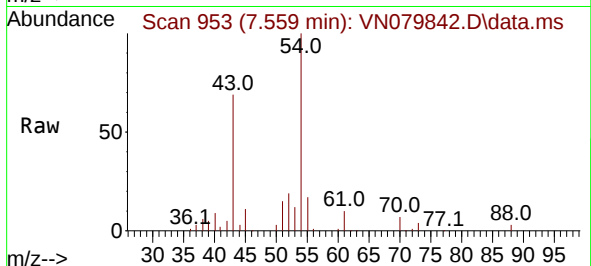
#37
Ethyl Acetate
Concen: 22.176 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion: 43 Resp: 9745
Ion Ratio Lower Upper
43 100
61 12.4 13.2 19.8
70 9.8 11.3 16.9

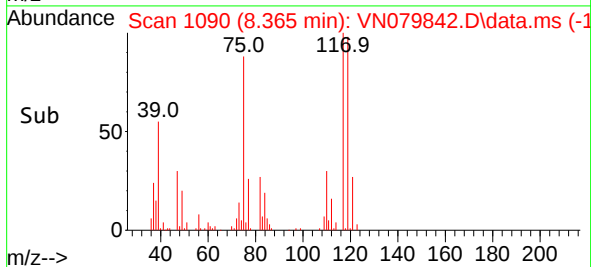
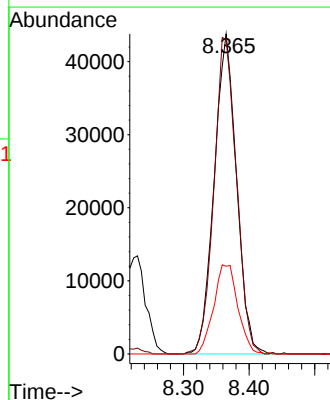
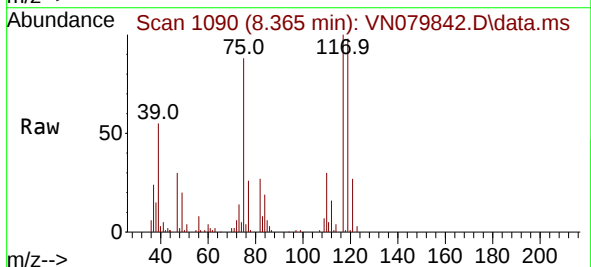
Manual Integrations
APPROVED

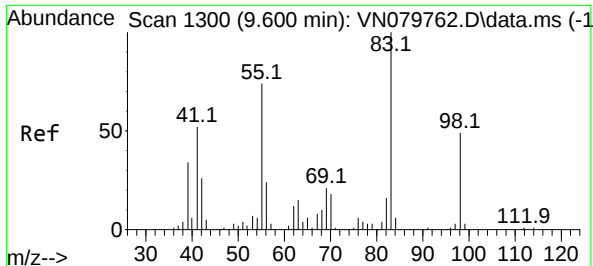
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 21.426 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Tgt Ion:117 Resp: 103468
Ion Ratio Lower Upper
117 100
119 98.4 77.3 115.9
121 27.4 23.3 34.9





#39

Methylcyclohexane

Concen: 20.443 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion: 83 Resp: 92180

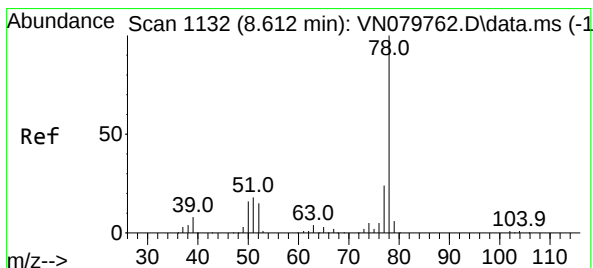
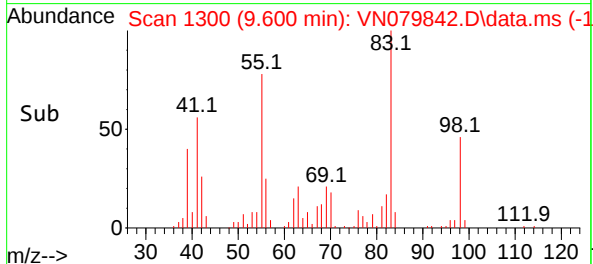
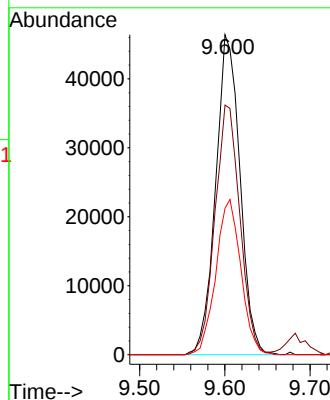
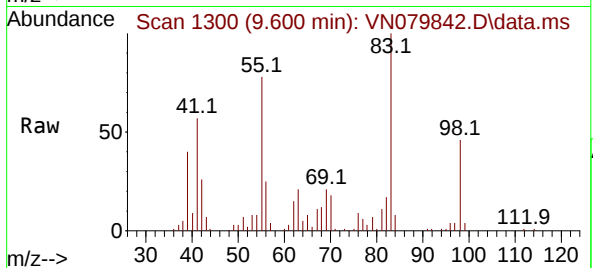
Ion	Ratio	Lower	Upper
83	100		
55	78.0	49.1	73.7
98	45.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 22.236 ug/l

RT: 8.606 min Scan# 1131

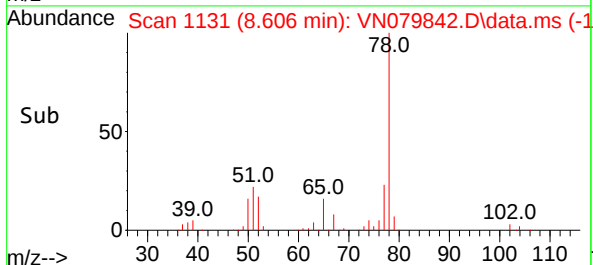
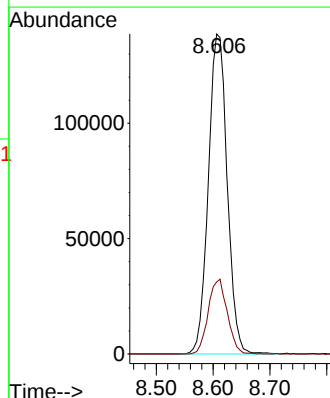
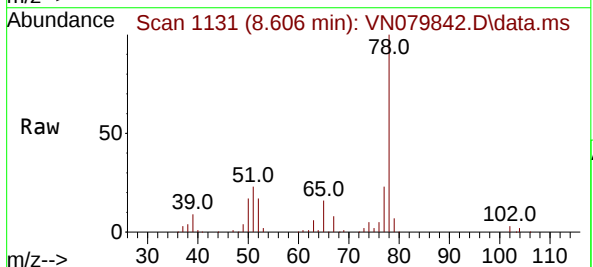
Delta R.T. -0.006 min

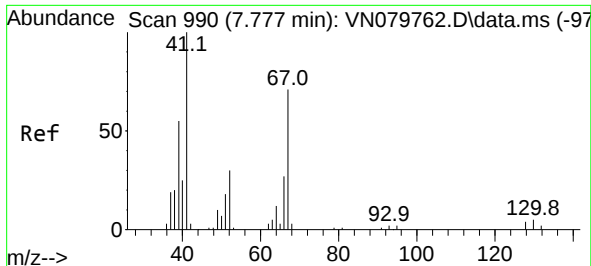
Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Tgt Ion: 78 Resp: 319126

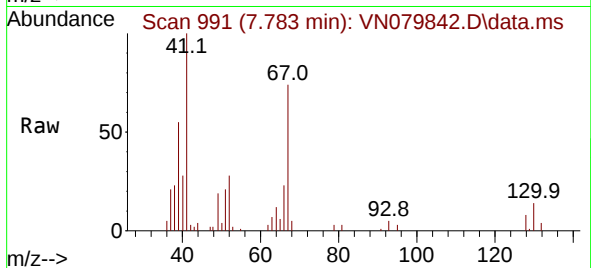
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.6





#41
Methacrylonitrile
Concen: 23.129 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

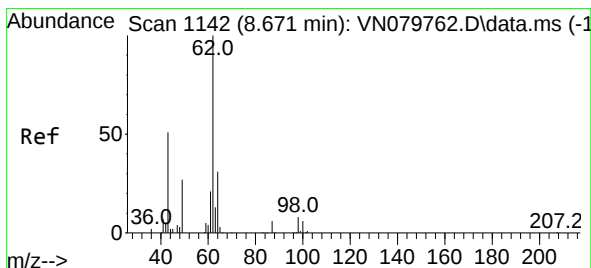
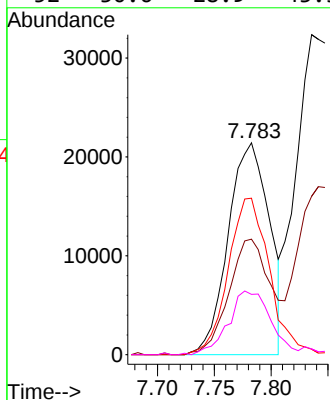
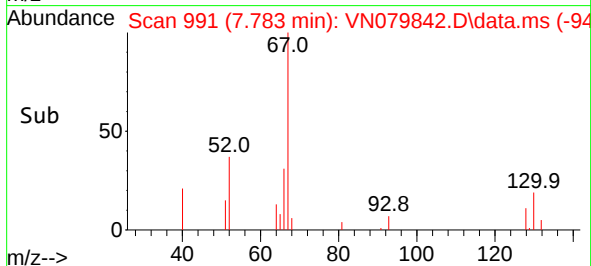
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



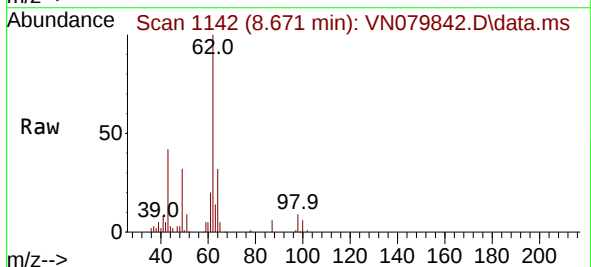
Tgt Ion: 41 Resp: 53972
Ion Ratio Lower Upper
41 100
39 57.3 42.6 64.0
67 73.9 77.5 116.3
52 30.6 28.9 43.3

Manual Integrations
APPROVED

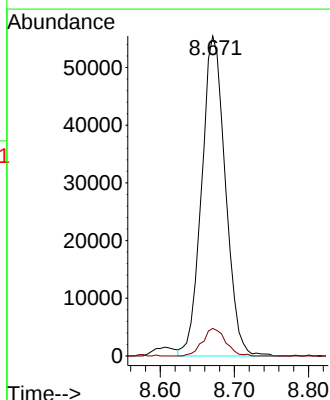
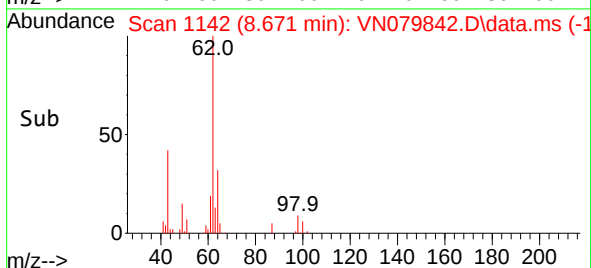
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

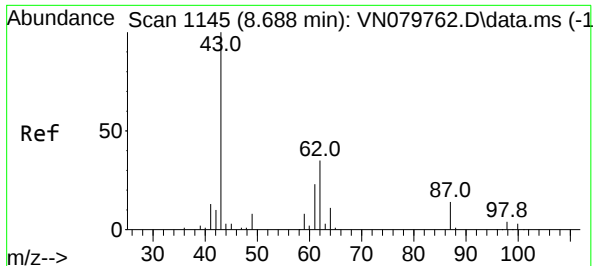


#42
1,2-Dichloroethane
Concen: 24.556 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion: 62 Resp: 123100
Ion Ratio Lower Upper
62 100
98 8.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 20.504 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion: 43 Resp: 158018

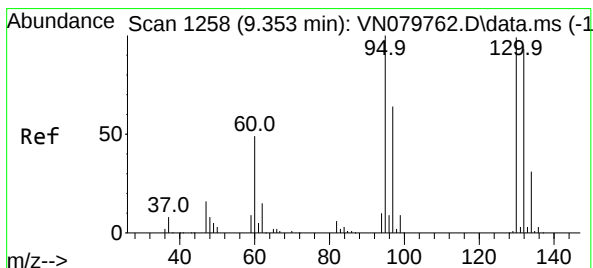
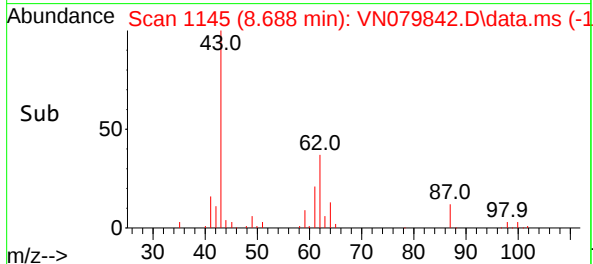
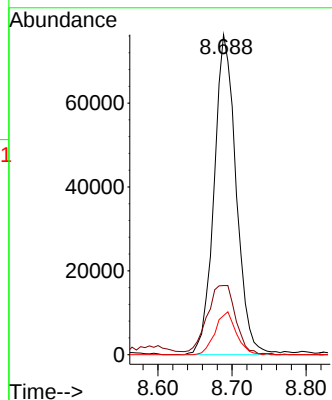
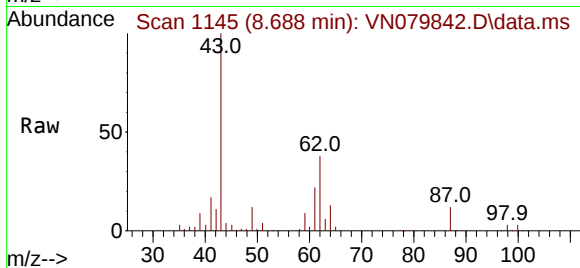
Ion	Ratio	Lower	Upper
43	100		
61	28.2	24.7	37.1
87	12.8	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#44

Trichloroethene

Concen: 22.254 ug/l

RT: 9.353 min Scan# 1258

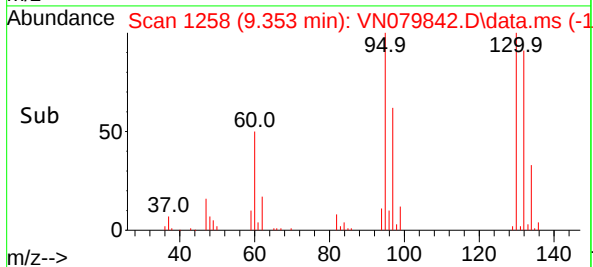
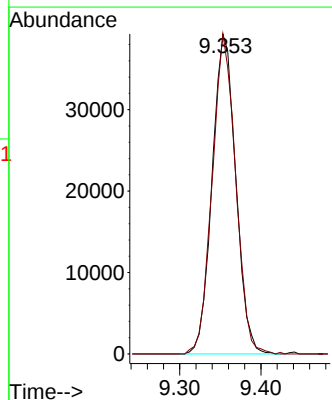
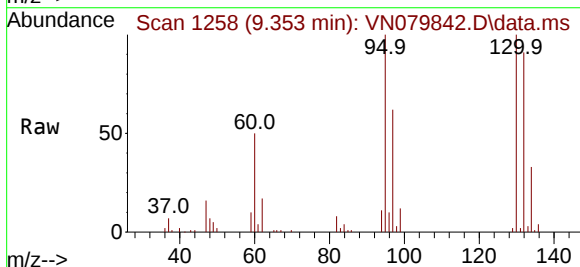
Delta R.T. 0.000 min

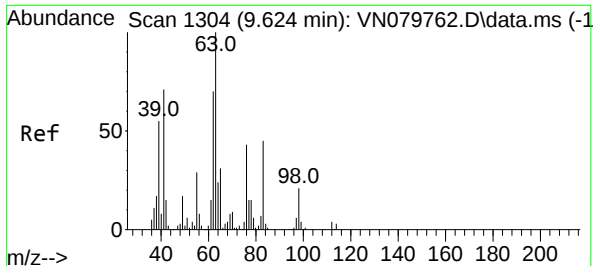
Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Tgt Ion:130 Resp: 79251

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	204.6





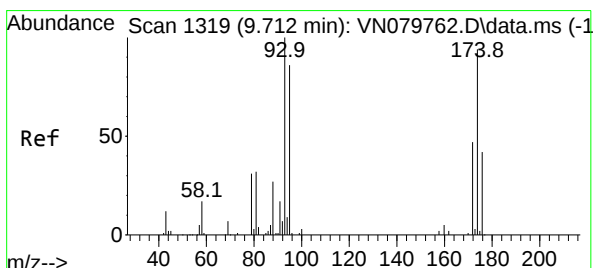
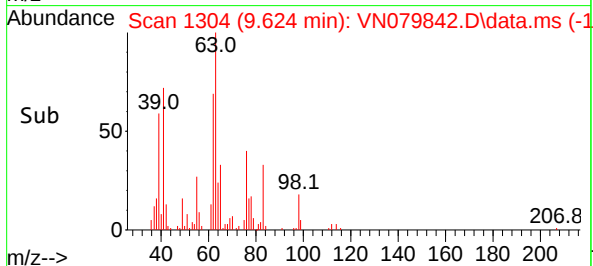
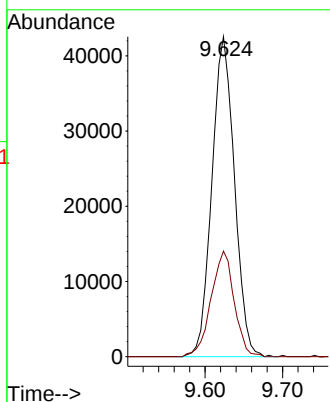
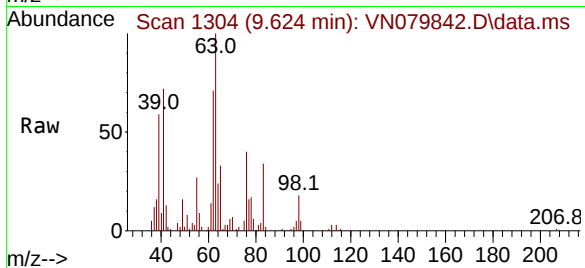
#45
1,2-Dichloropropane
Concen: 23.439 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion: 63 Resp: 8596
Ion Ratio Lower Upper
63 100
65 33.0 23.9 35.9

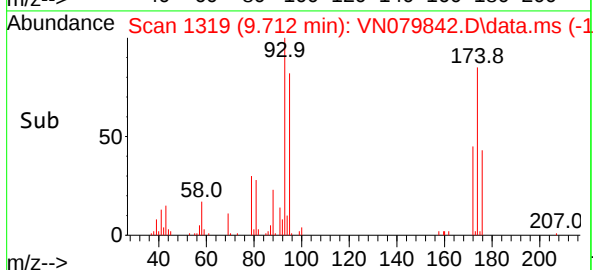
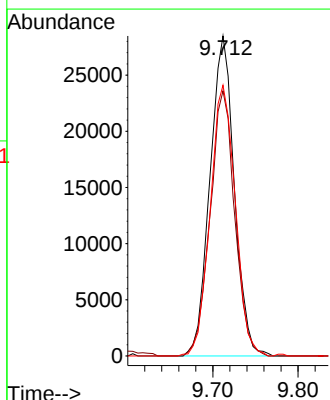
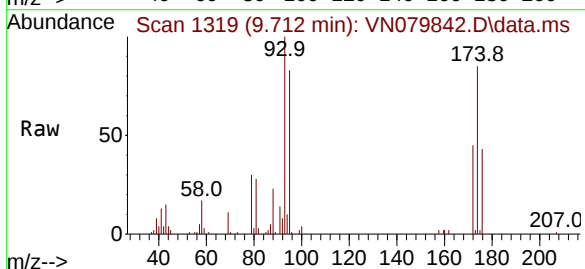
Manual Integrations
APPROVED

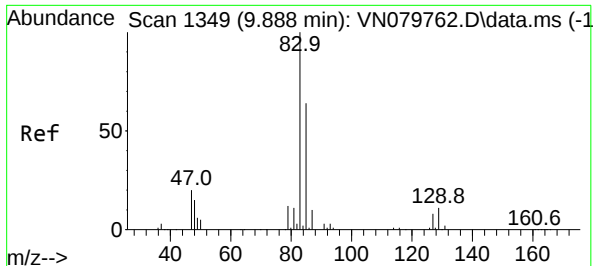
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#46
Dibromomethane
Concen: 22.556 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Tgt Ion: 93 Resp: 56486
Ion Ratio Lower Upper
93 100
95 83.6 63.8 95.8
174 87.2 65.6 98.4





#47

Bromodichloromethane

Concen: 21.877 ug/l

RT: 9.888 min Scan# 11684

Delta R.T. 0.000 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion: 83 Resp: 11684

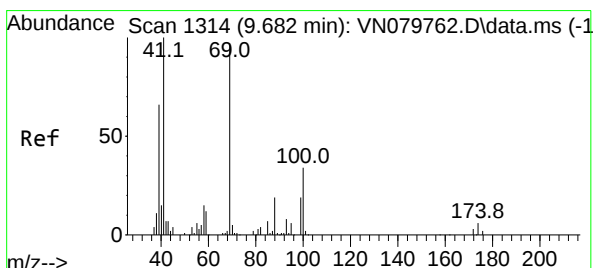
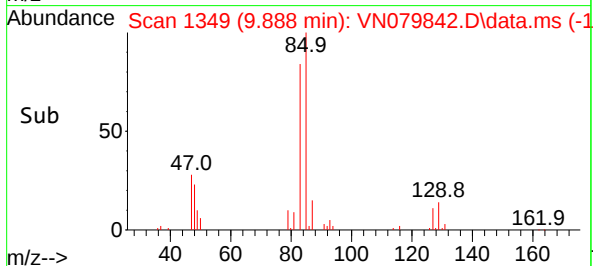
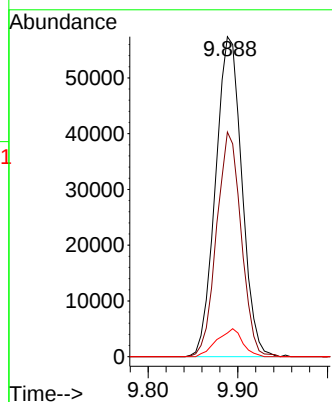
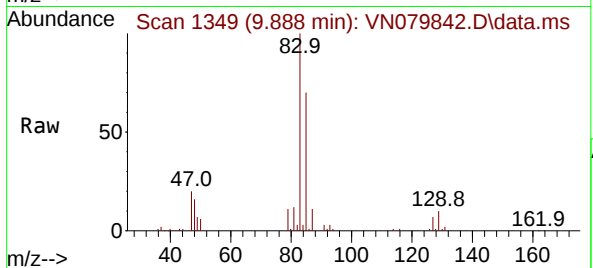
Ion	Ratio	Lower	Upper
83	100		
85	70.2	49.6	74.4
127	7.4	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#48

Methyl methacrylate

Concen: 22.649 ug/l

RT: 9.682 min Scan# 1314

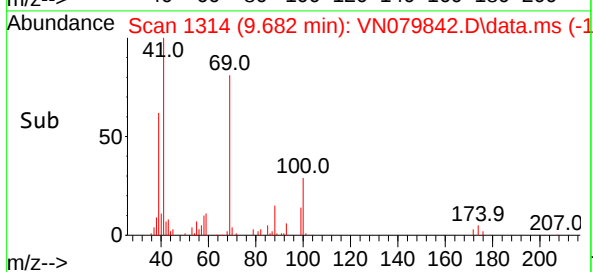
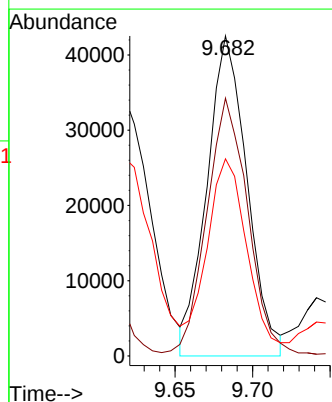
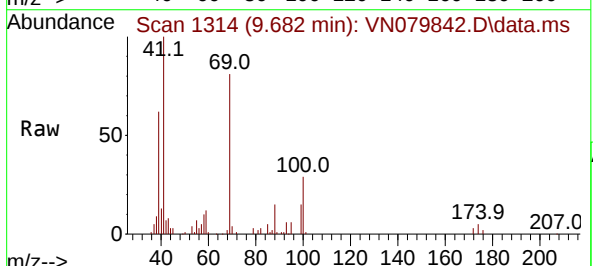
Delta R.T. 0.000 min

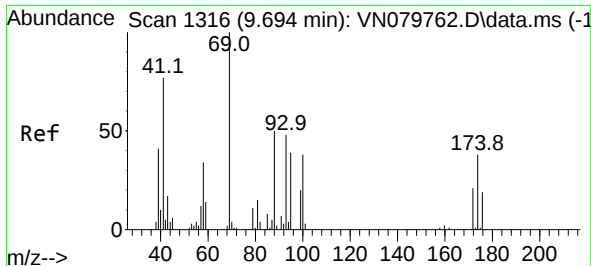
Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Tgt Ion: 41 Resp: 76453

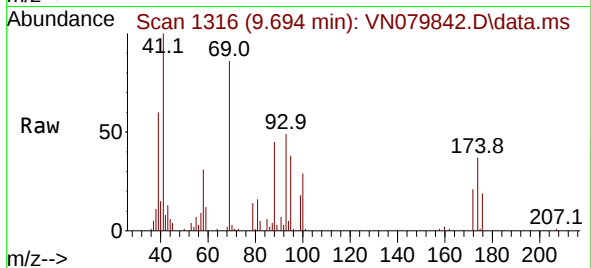
Ion	Ratio	Lower	Upper
41	100		
69	84.1	90.4	135.6
39	62.9	54.6	81.8





#49
1,4-Dioxane
Concen: 412.282 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

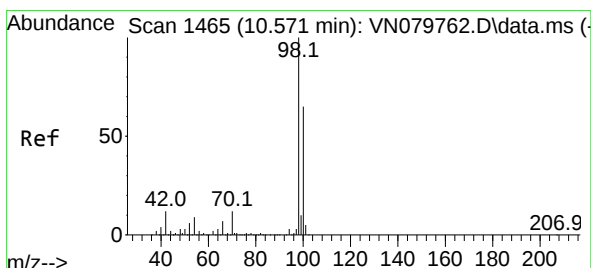
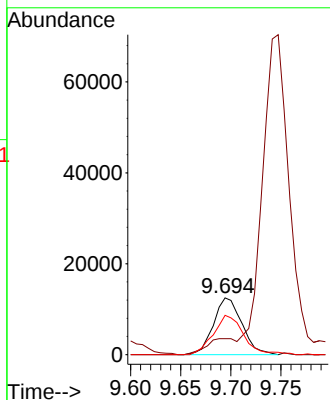
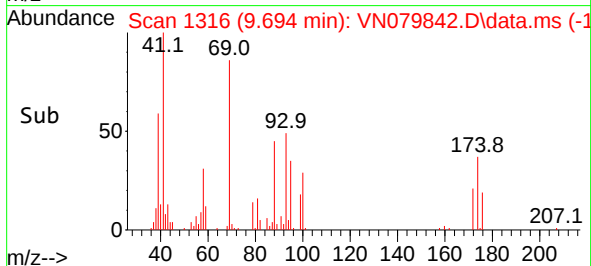
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



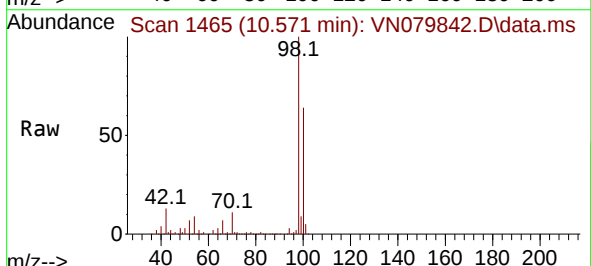
Tgt Ion: 88 Resp: 2459
Ion Ratio Lower Upper
88 100
43 30.0 17.0 25.6
58 74.1 47.0 70.4

Manual Integrations
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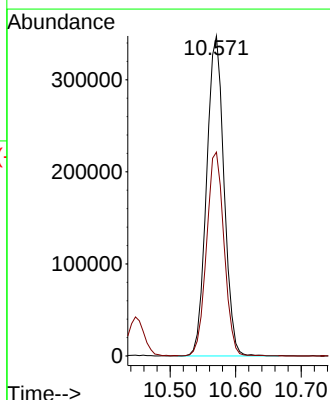
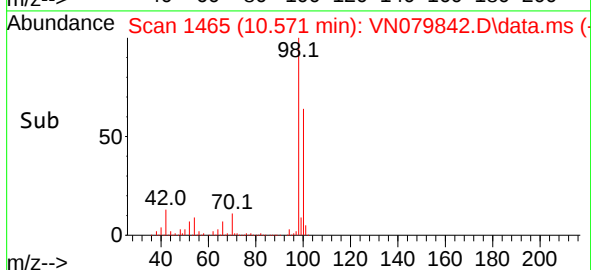
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

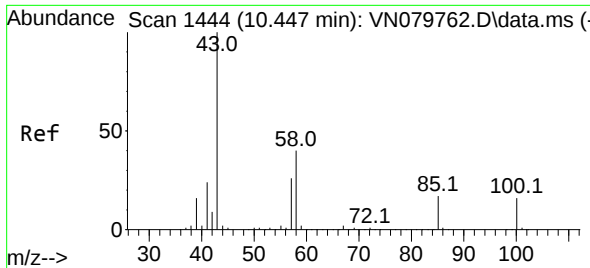


#50
Toluene-d8
Concen: 51.882 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion: 98 Resp: 640951
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





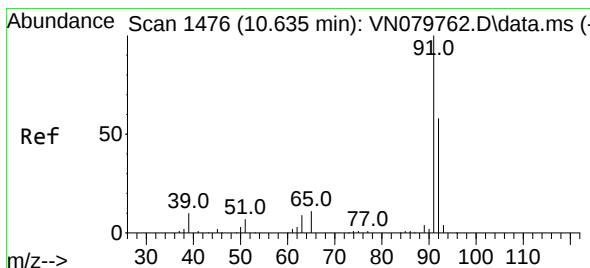
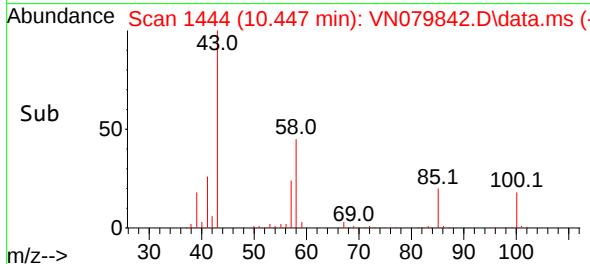
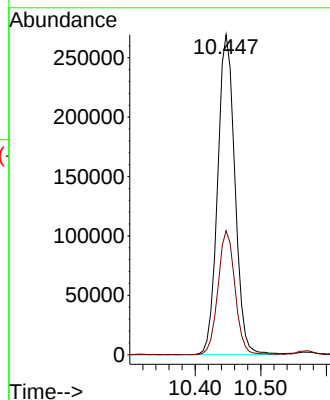
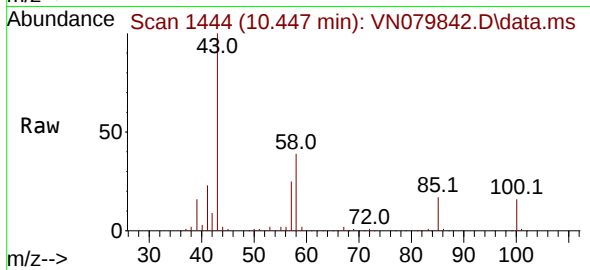
#51
4-Methyl-2-Pentanone
Concen: 113.234 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion: 43 Resp: 491292
Ion Ratio Lower Upper
43 100
58 38.1 36.6 54.8

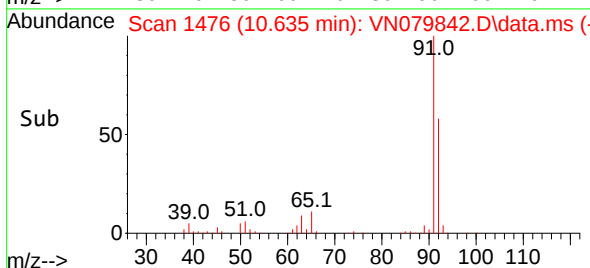
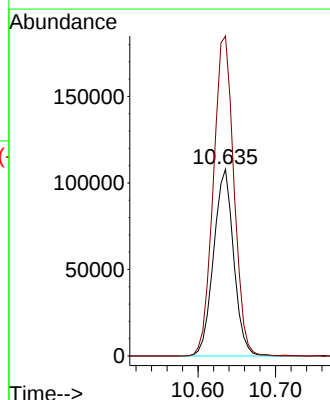
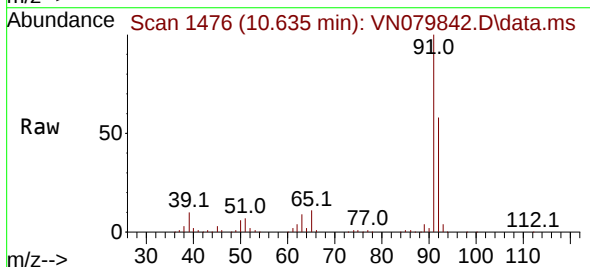
Manual Integrations
APPROVED

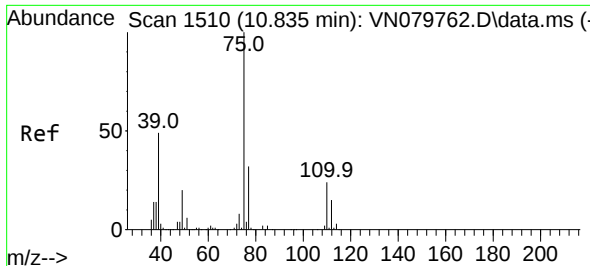
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 22.771 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

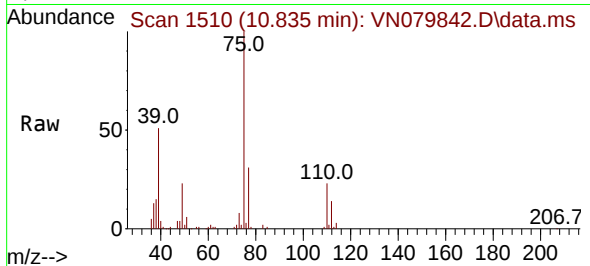
Tgt Ion: 92 Resp: 193738
Ion Ratio Lower Upper
92 100
91 176.1 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 22.505 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

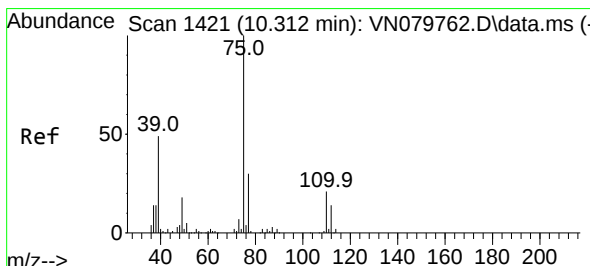
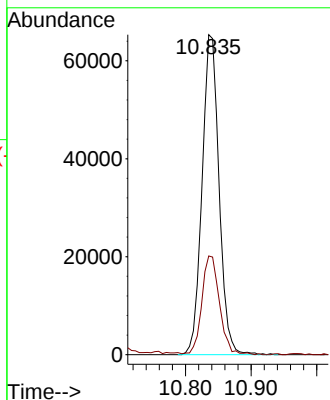
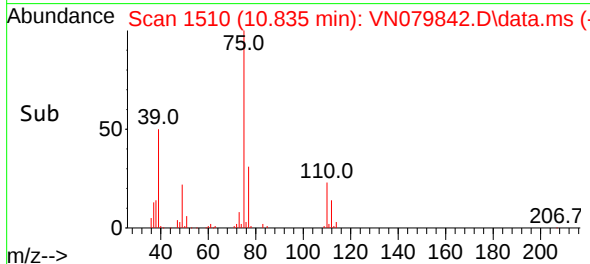
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



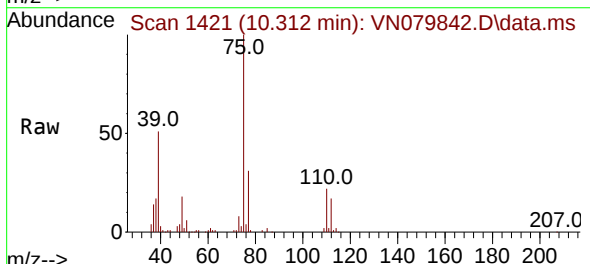
Tgt Ion: 75 Resp: 117830
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

Manual Integrations
APPROVED

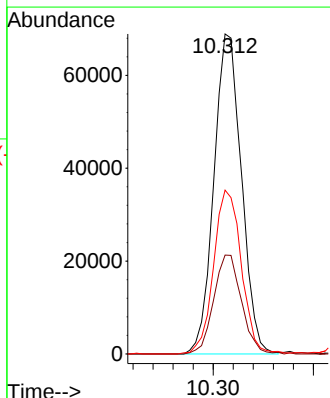
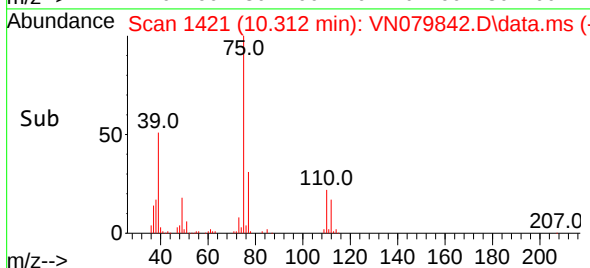
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

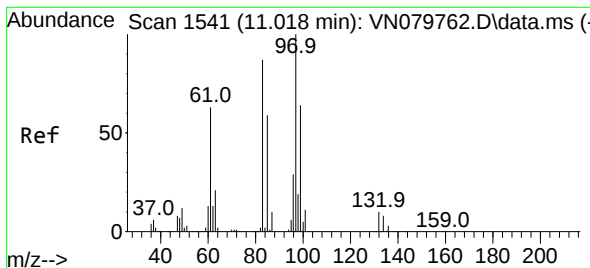


#54
cis-1,3-Dichloropropene
Concen: 23.009 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



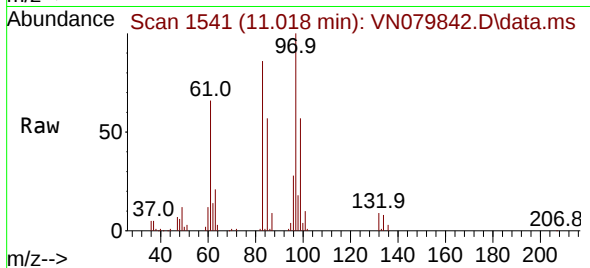
Tgt Ion: 75 Resp: 131309
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 51.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 23.067 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

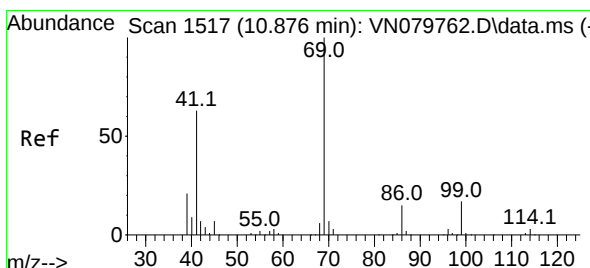
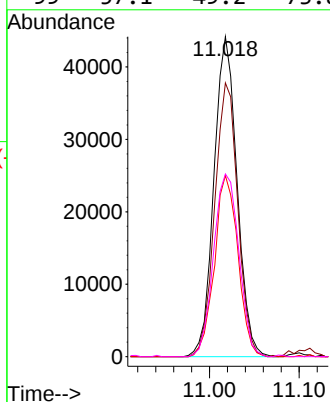
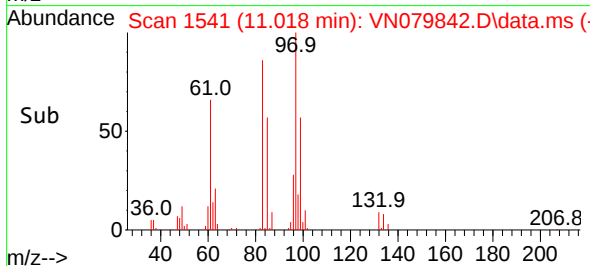
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



Tgt Ion:	97	Resp:	7893
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.1	97.7
85	56.6	43.4	65.2
99	57.1	49.2	73.8

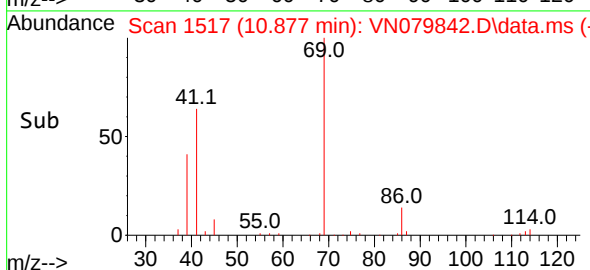
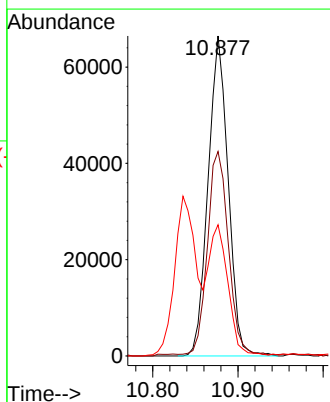
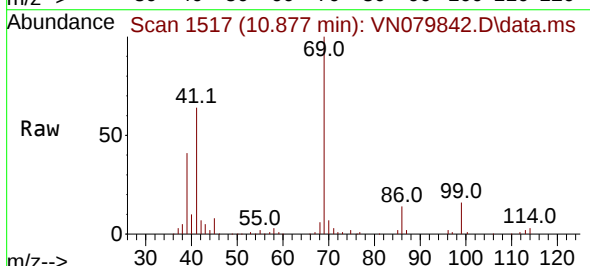
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 22.270 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Tgt Ion:	69	Resp:	108705
Ion	Ratio	Lower	Upper
69	100		
41	68.2	39.6	59.4#
39	39.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 23.218 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion: 76 Resp: 140050

Ion Ratio Lower Upper

76 100

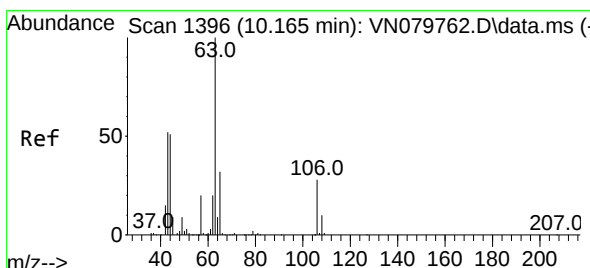
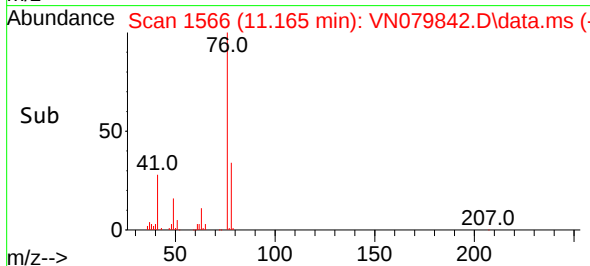
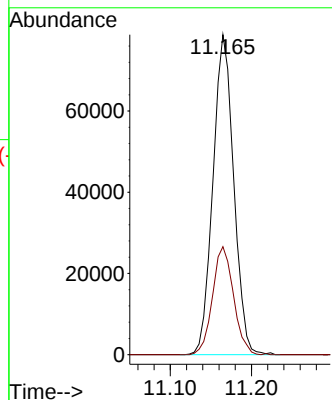
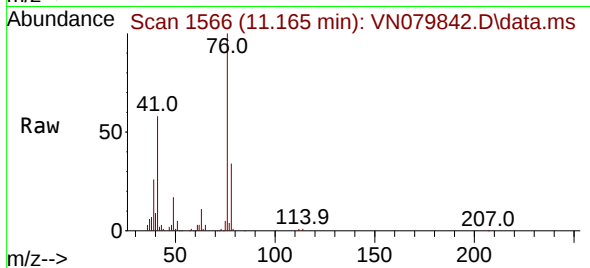
78 34.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.781 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079842.D

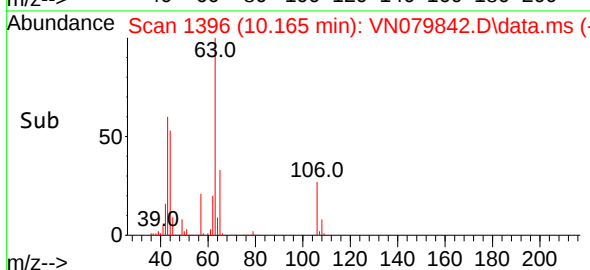
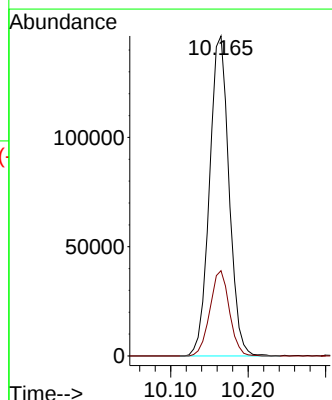
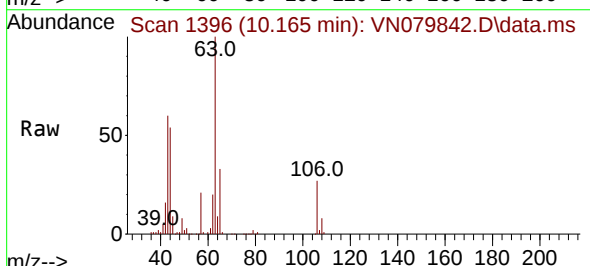
Acq: 03 Nov 2023 12:30

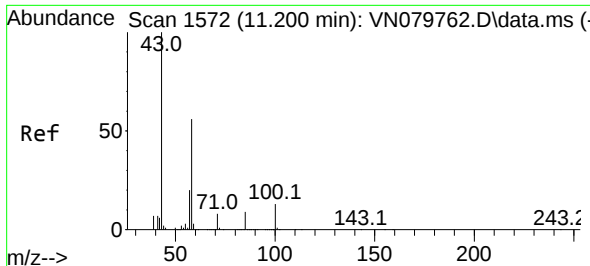
Tgt Ion: 63 Resp: 256759

Ion Ratio Lower Upper

63 100

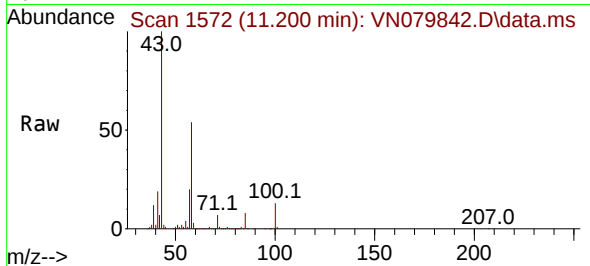
106 26.6 26.2 39.4





#59
2-Hexanone
Concen: 107.244 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

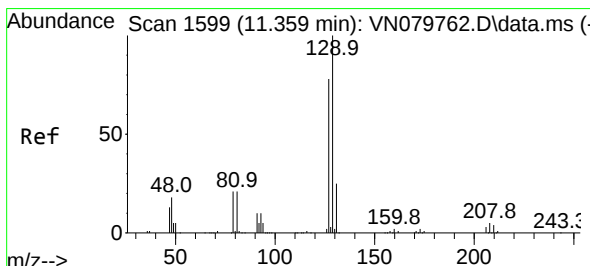
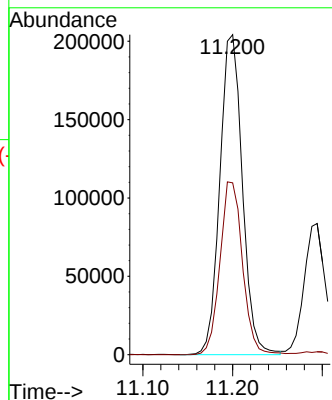
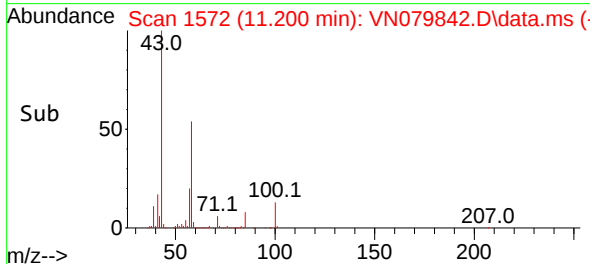
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



Tgt Ion: 43 Resp: 35595
Ion Ratio Lower Upper
43 100
58 54.0 31.7 95.1

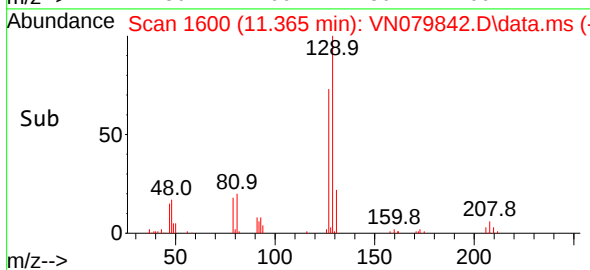
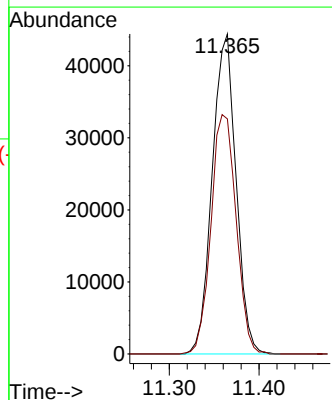
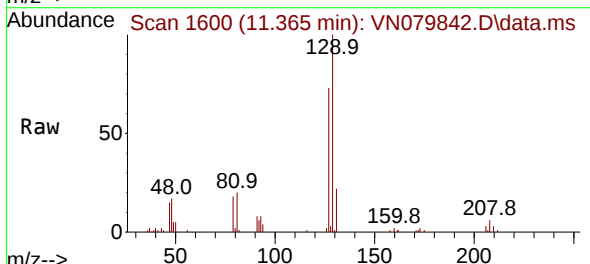
Manual Integrations
APPROVED

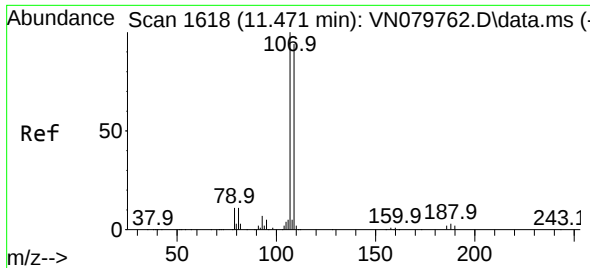
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 22.329 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

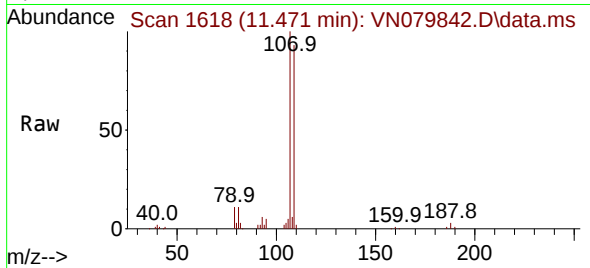
Tgt Ion:129 Resp: 81792
Ion Ratio Lower Upper
129 100
127 79.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.132 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

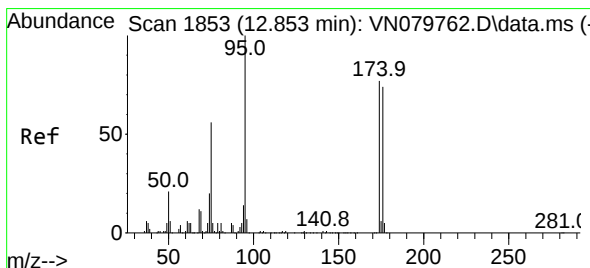
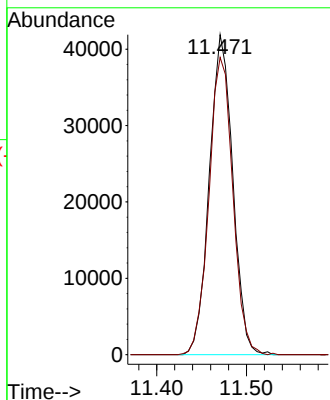
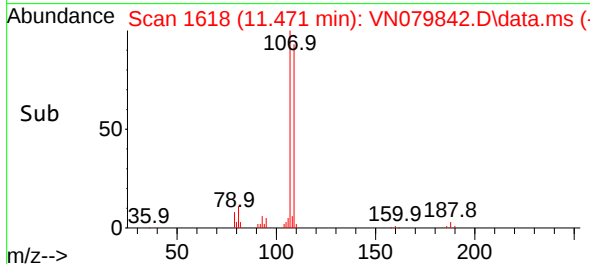
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



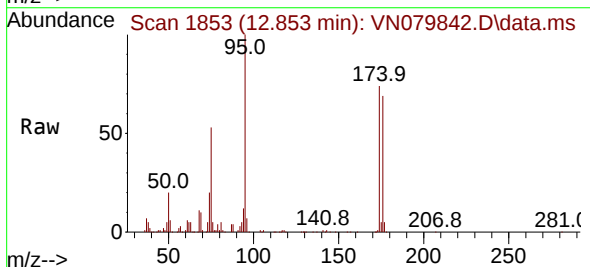
Tgt Ion:107 Resp: 76018
Ion Ratio Lower Upper
107 100
109 94.8 76.6 114.8

Manual Integrations
APPROVED

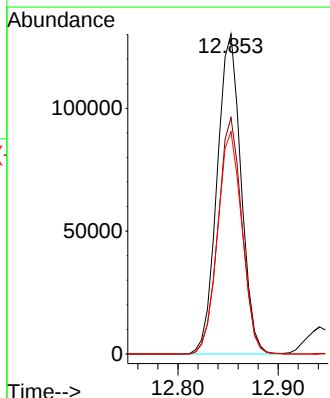
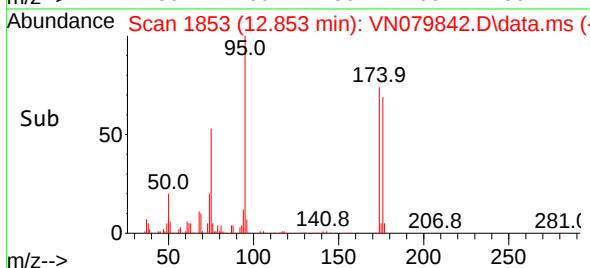
Reviewed By :John Carbone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

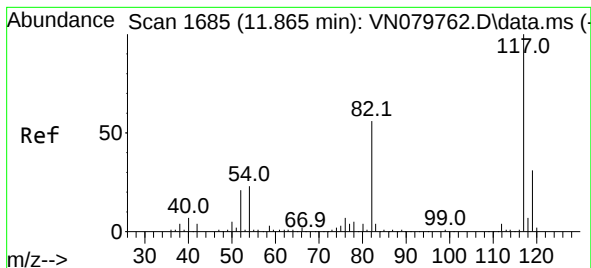


#62
4-Bromofluorobenzene
Concen: 52.624 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



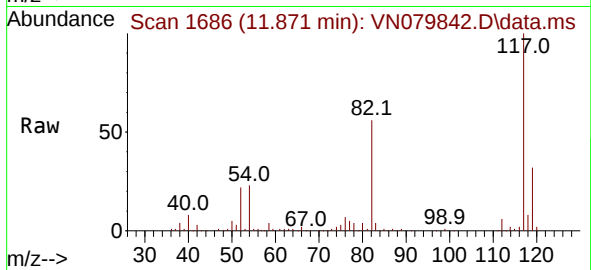
Tgt Ion: 95 Resp: 215612
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 71.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

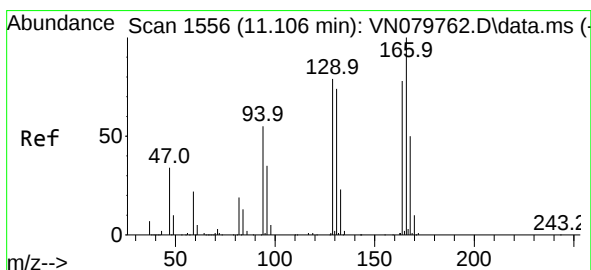
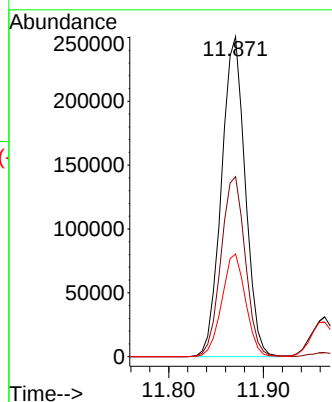
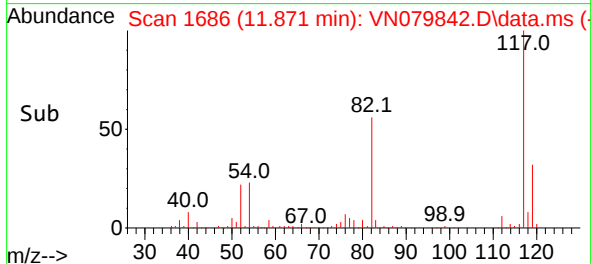
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



Tgt Ion:117 Resp: 436268
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.1 25.6 38.4

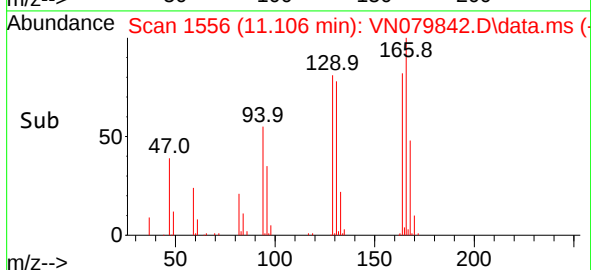
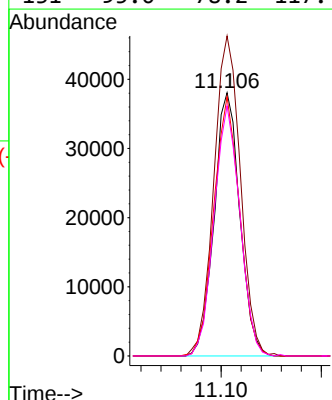
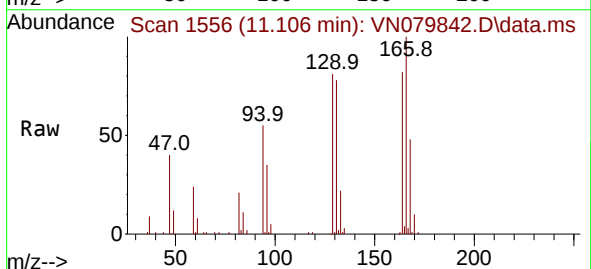
Manual Integrations
APPROVED

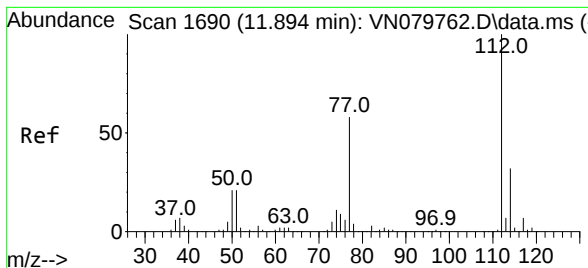
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 23.873 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

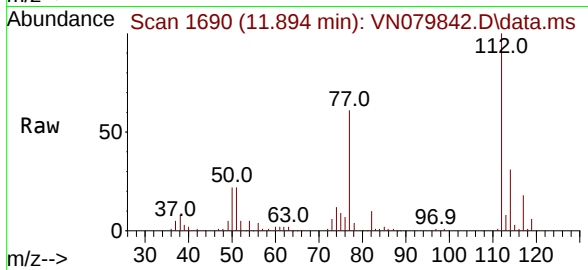
Tgt Ion:164 Resp: 67454
Ion Ratio Lower Upper
164 100
166 121.6 101.4 152.0
129 98.5 82.4 123.6
131 95.0 78.2 117.4





#65
Chlorobenzene
Concen: 21.287 ug/l
RT: 11.894 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

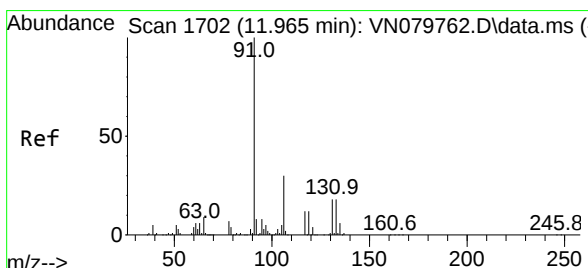
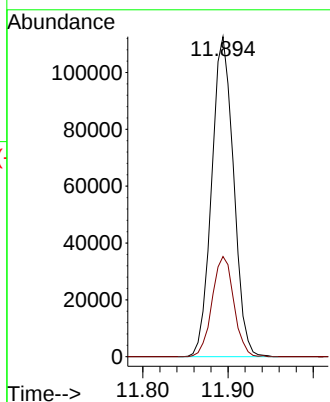
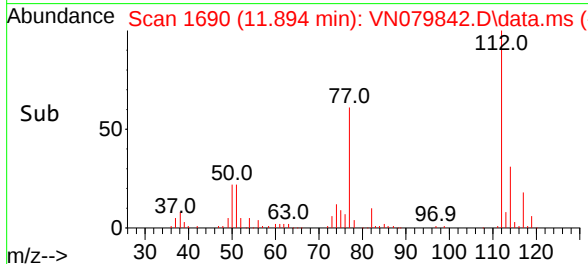
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



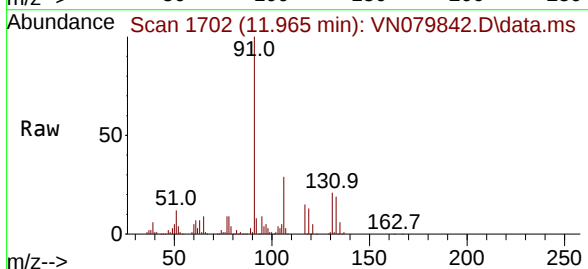
Tgt Ion:112 Resp: 201449
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

Manual Integrations
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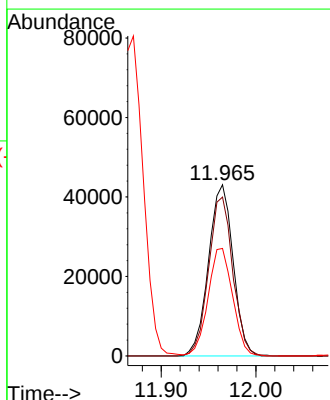
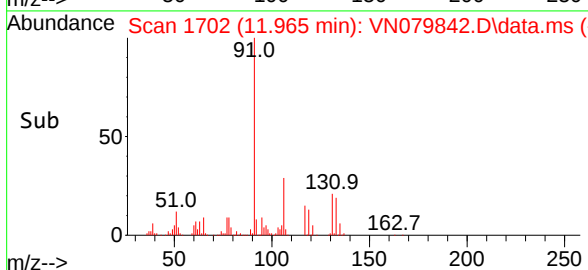
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

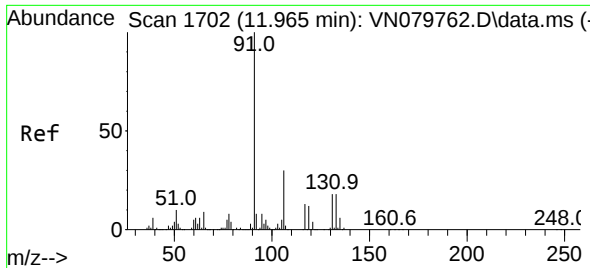


#66
1,1,1,2-Tetrachloroethane
Concen: 22.853 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



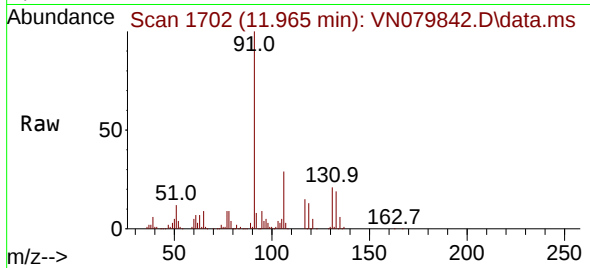
Tgt Ion:131 Resp: 77919
Ion Ratio Lower Upper
131 100
133 91.4 46.4 139.1
119 62.7 34.1 102.2





#67
Ethyl Benzene
Concen: 21.354 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

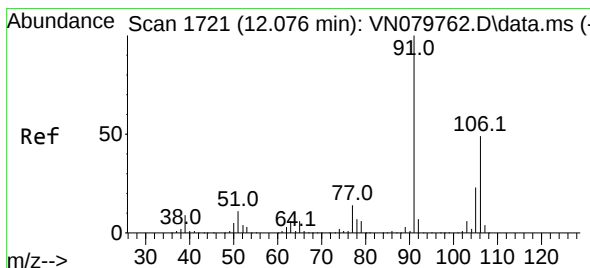
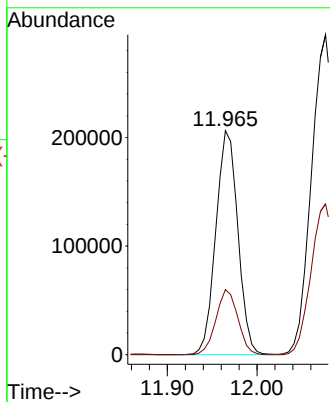
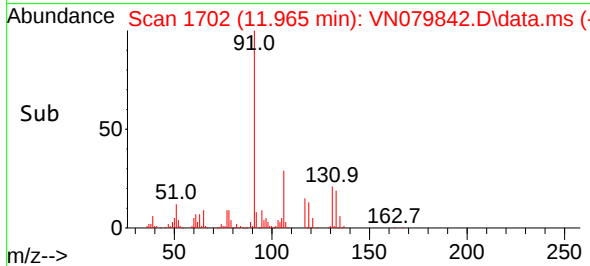
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



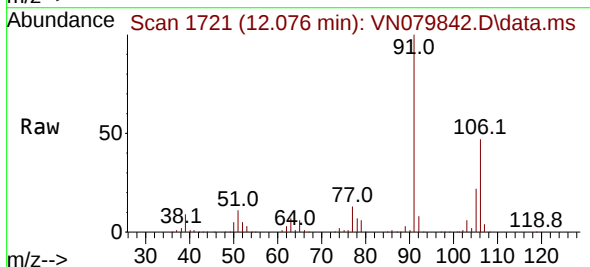
Tgt Ion: 91 Resp: 352085
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

Manual Integrations
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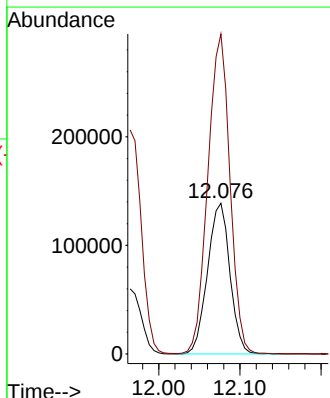
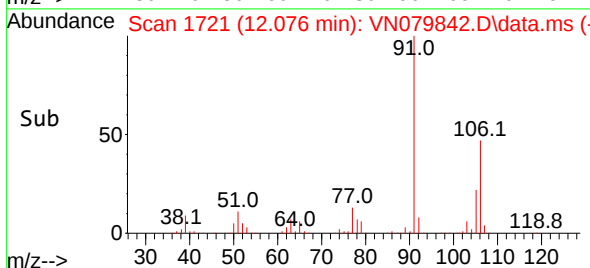
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

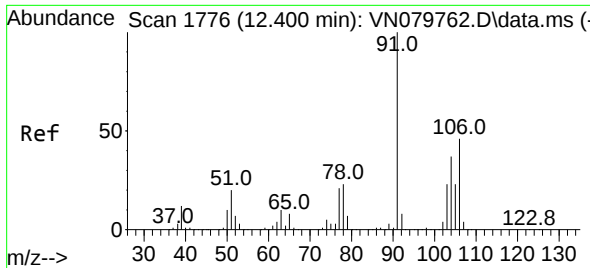


#68
m/p-Xylenes
Concen: 43.273 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion:106 Resp: 265782
Ion Ratio Lower Upper
106 100
91 209.4 159.6 239.4





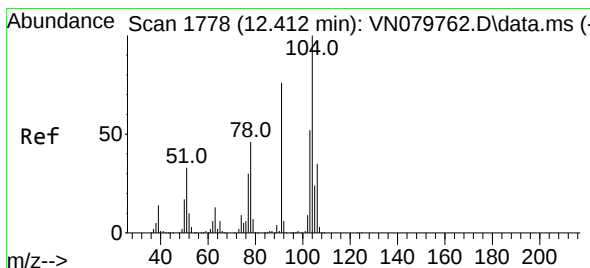
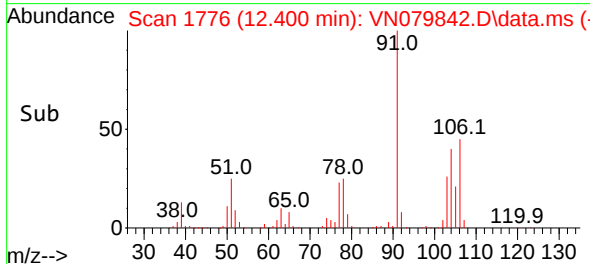
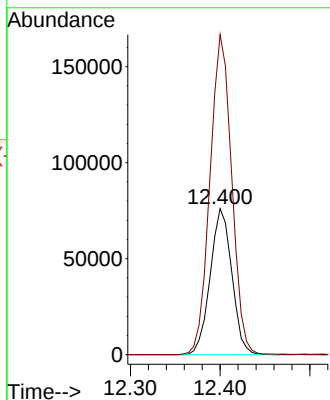
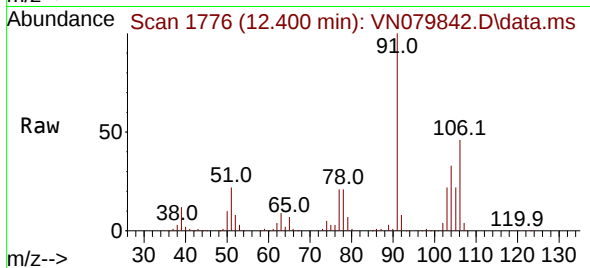
#69
o-Xylene
Concen: 21.516 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion:106 Resp: 12725
Ion Ratio Lower Upper
106 100
91 220.7 105.2 315.5

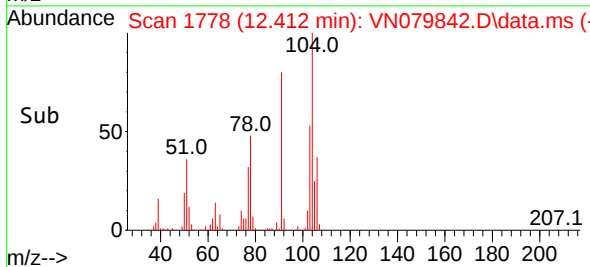
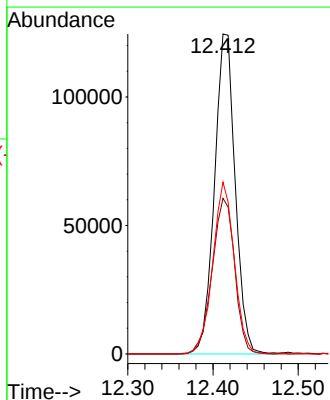
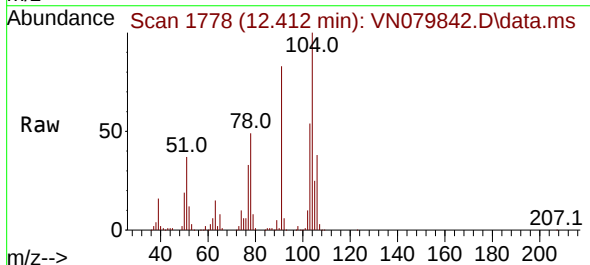
Manual Integrations
APPROVED

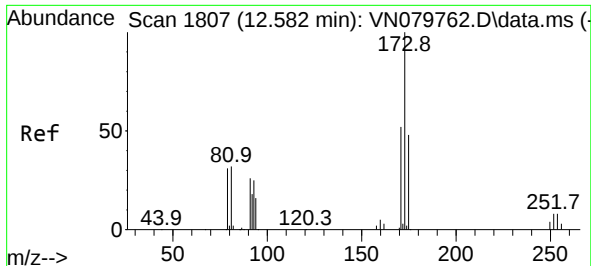
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 22.187 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

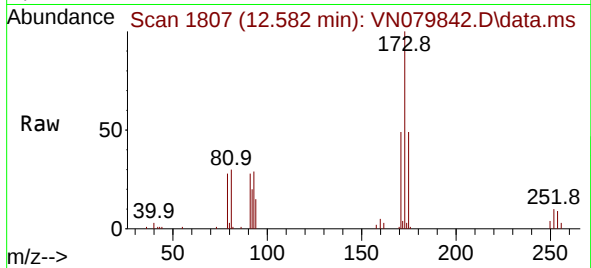
Tgt Ion:104 Resp: 210885
Ion Ratio Lower Upper
104 100
78 52.6 39.5 59.3
103 55.4 43.2 64.8





#71
Bromoform
Concen: 22.024 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

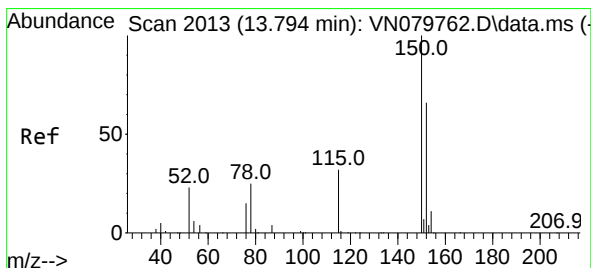
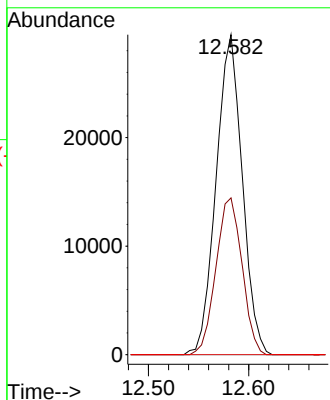
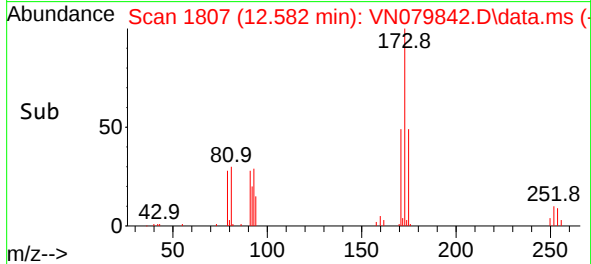
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



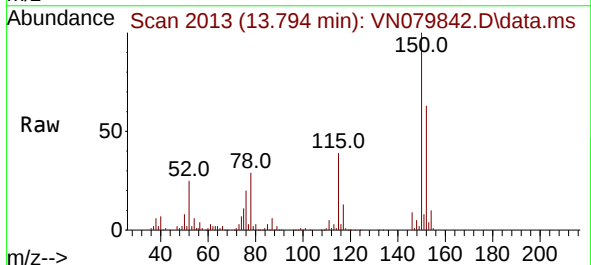
Tgt Ion:173 Resp: 5332
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

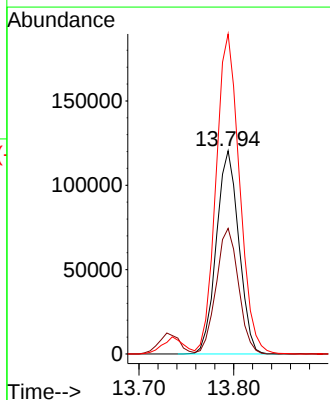
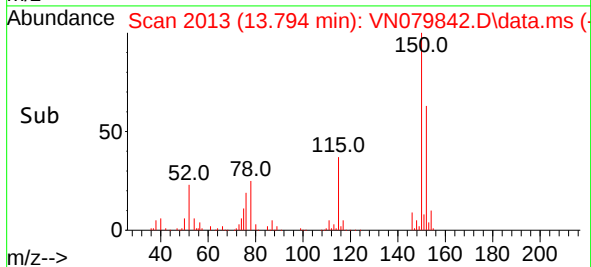
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

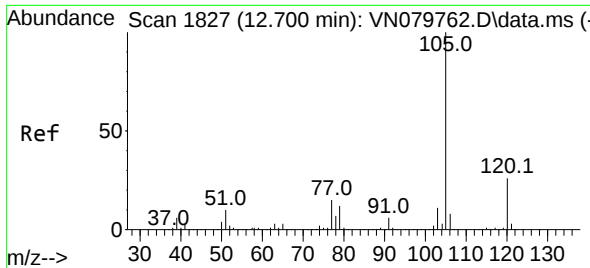


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion:152 Resp: 198585
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 164.9 0.0 355.8





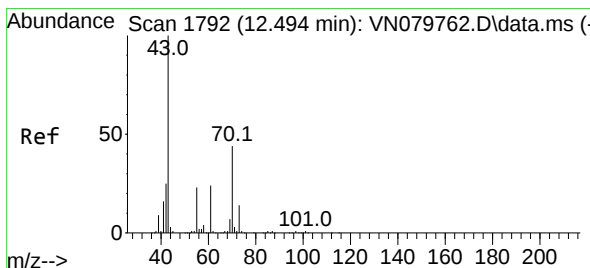
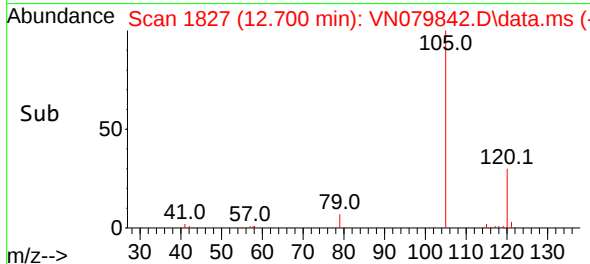
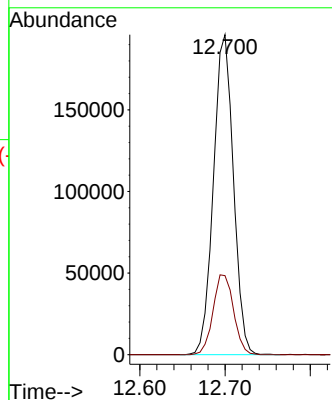
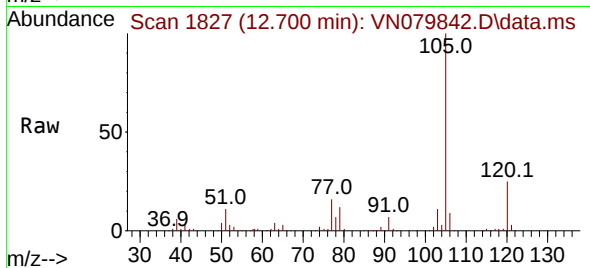
#73
Isopropylbenzene
Concen: 21.136 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion:105 Resp: 31854
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

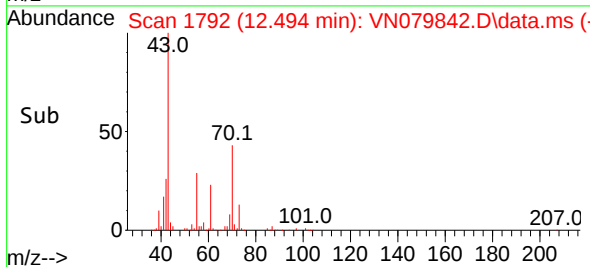
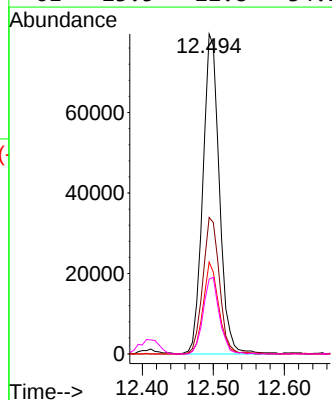
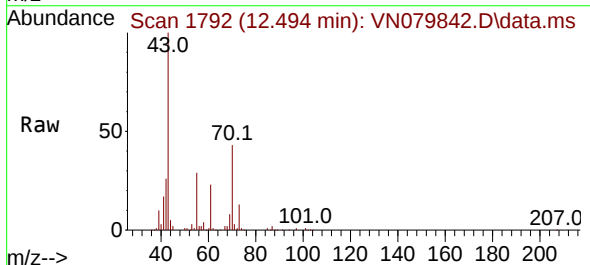
Manual Integrations
APPROVED

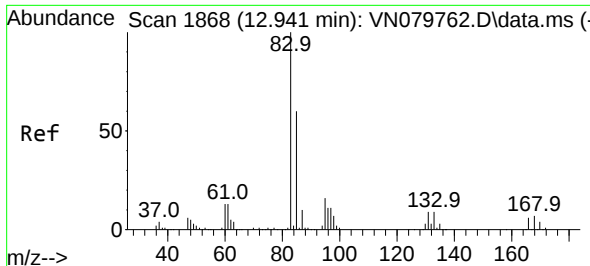
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 19.607 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

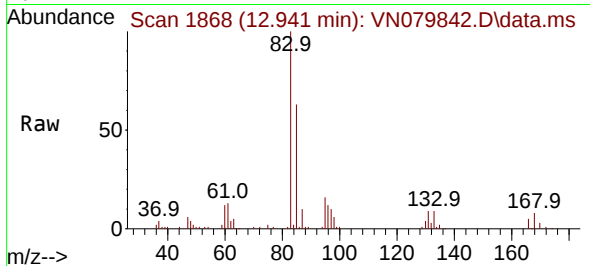
Tgt Ion: 43 Resp: 128982
Ion Ratio Lower Upper
43 100
70 42.7 43.4 65.2#
55 27.3 21.4 32.0
61 23.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.186 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

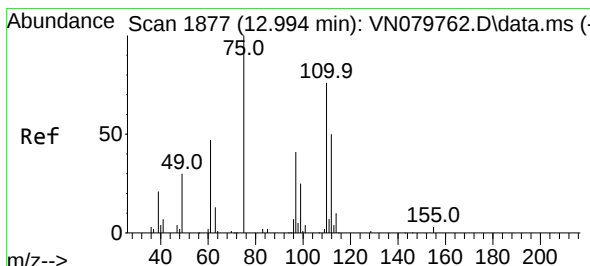
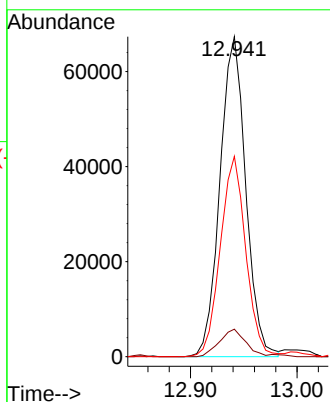
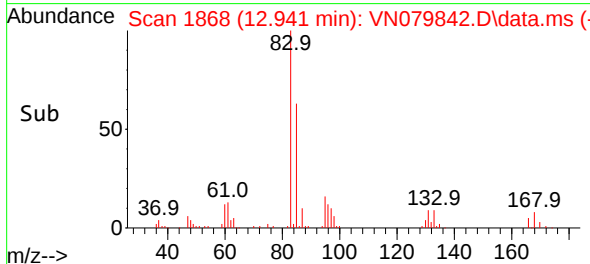
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



Tgt Ion: 83 Resp: 11321
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 61.9 31.9 95.7

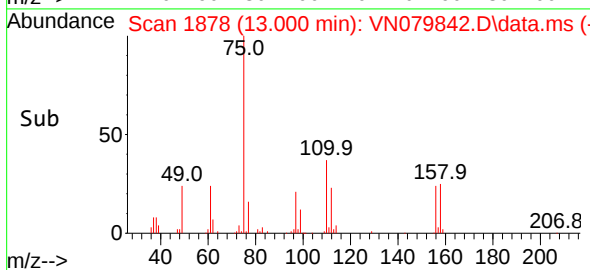
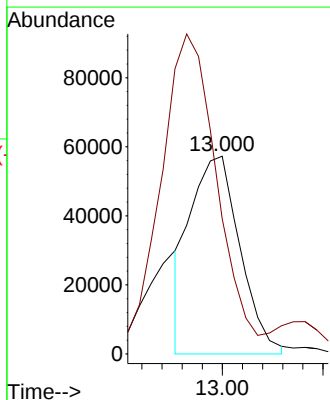
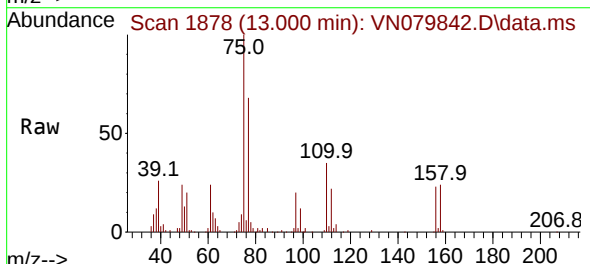
Manual Integrations
APPROVED

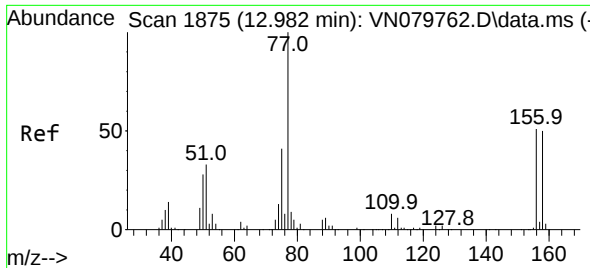
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 21.016 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Tgt Ion: 75 Resp: 97982
Ion Ratio Lower Upper
75 100
77 184.6 84.5 253.5





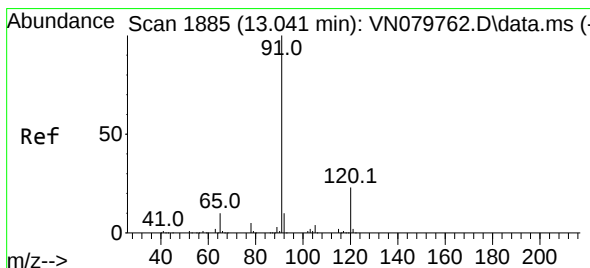
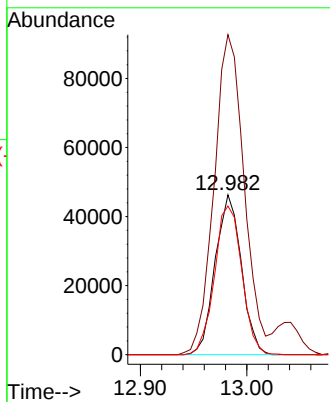
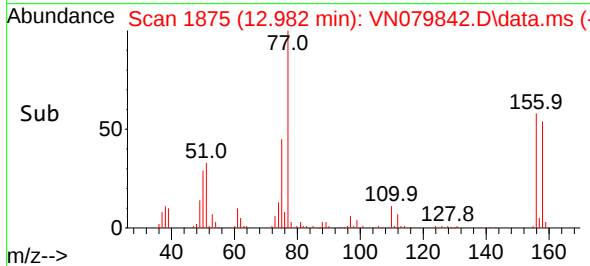
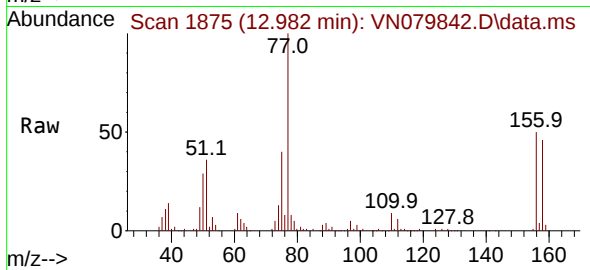
#77
Bromobenzene
Concen: 21.431 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion:156 Resp: 7907
Ion Ratio Lower Upper
156 100
77 228.7 107.7 323.3
158 97.1 48.4 145.3

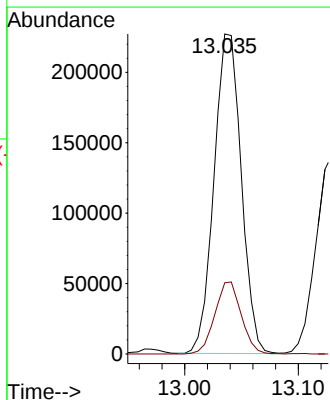
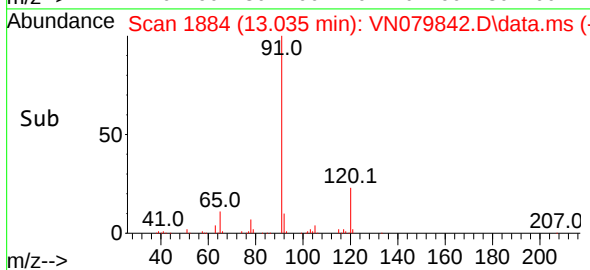
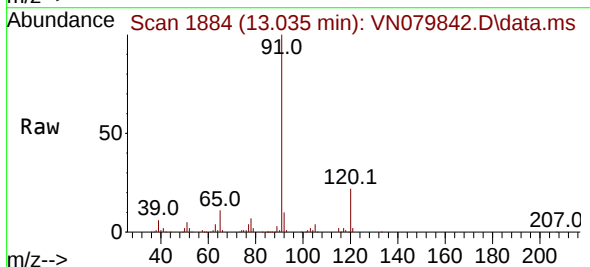
Manual Integrations
APPROVED

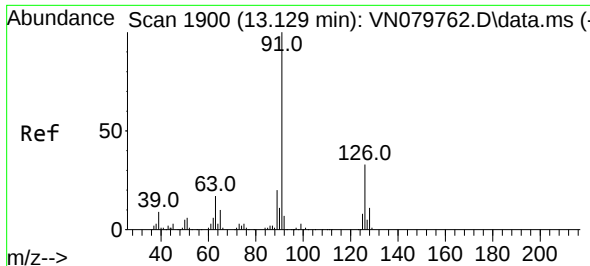
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#78
n-propylbenzene
Concen: 21.923 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Tgt Ion: 91 Resp: 378371
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





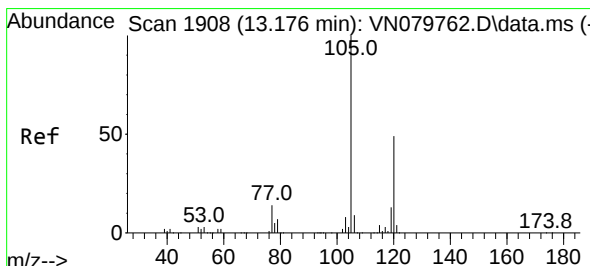
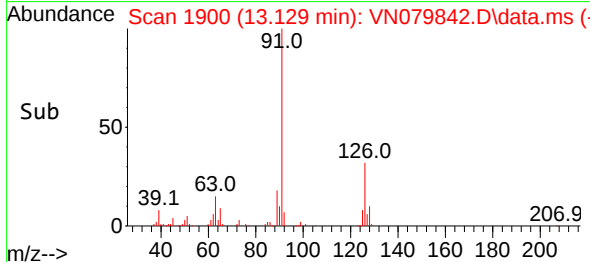
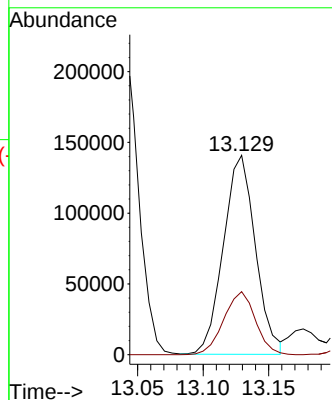
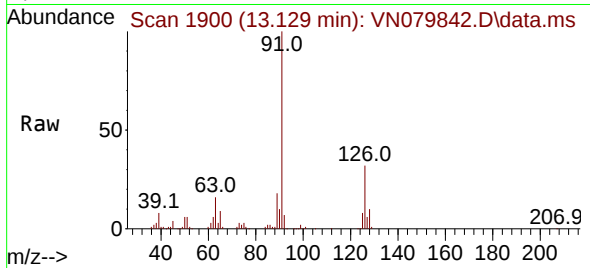
#79
2-Chlorotoluene
Concen: 21.698 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01

Tgt Ion: 91 Resp: 239228
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

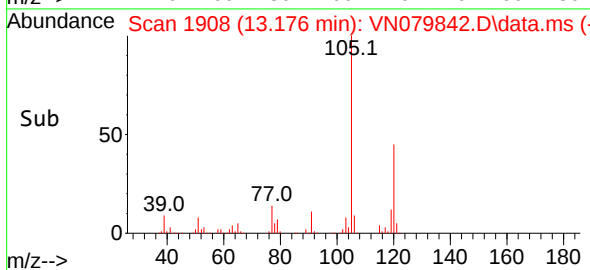
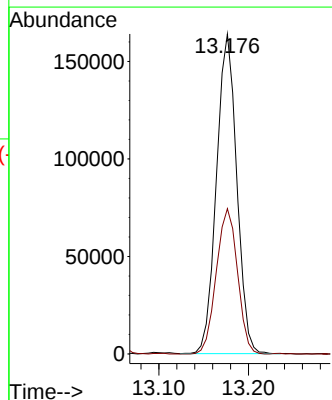
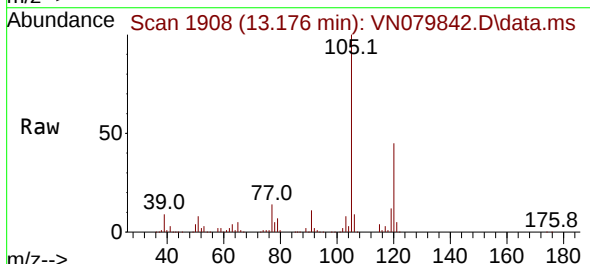
Manual Integrations
APPROVED

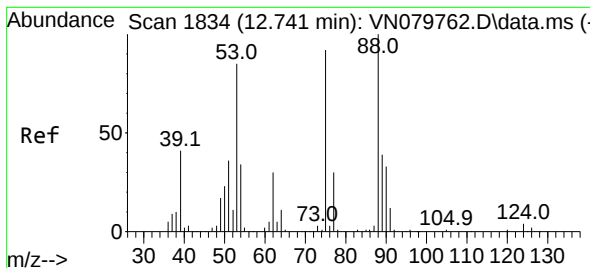
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.940 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

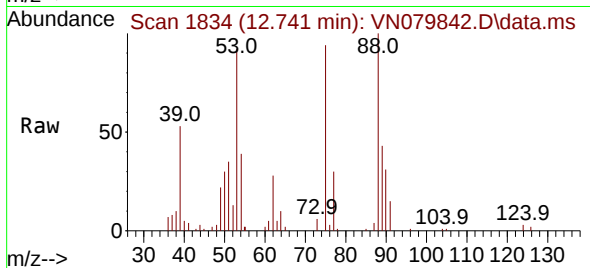
Tgt Ion:105 Resp: 257266
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.907 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

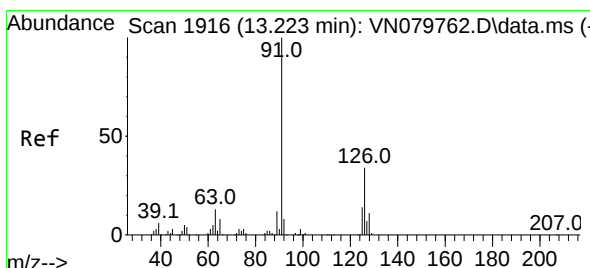
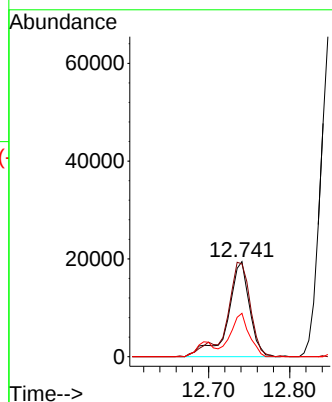
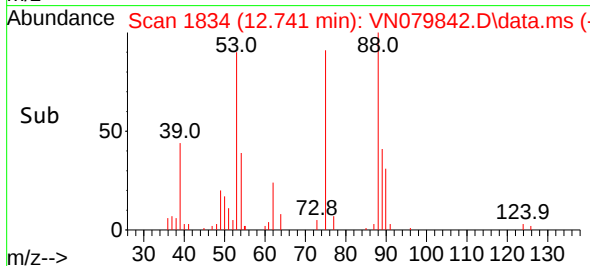
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



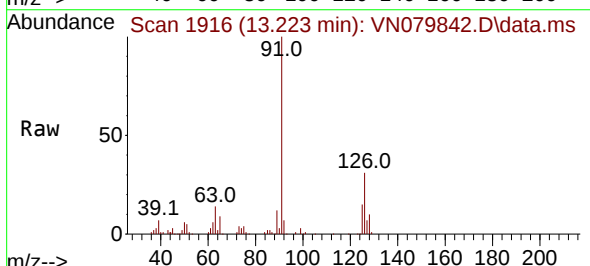
Tgt Ion: 75 Resp: 35820
Ion Ratio Lower Upper
75 100
53 107.1 67.4 101.2
89 39.2 38.8 58.2

Manual Integrations
APPROVED

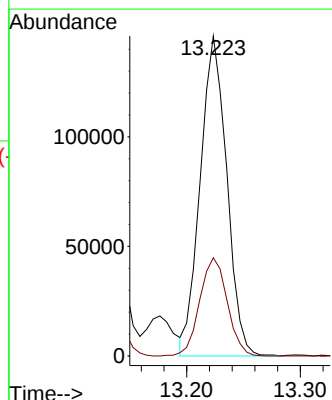
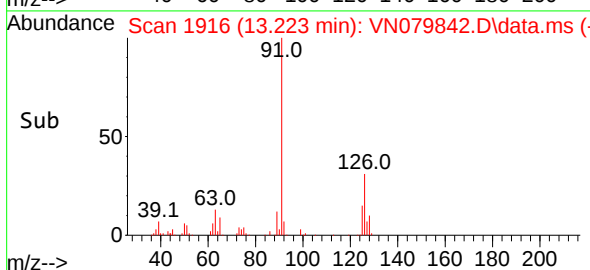
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

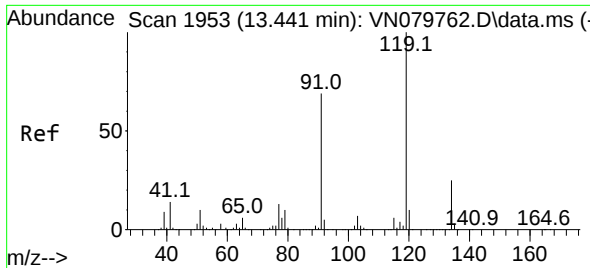


#82
4-Chlorotoluene
Concen: 21.639 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



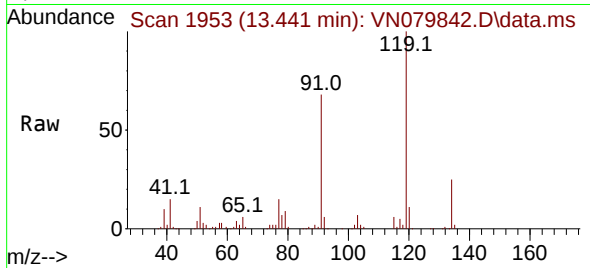
Tgt Ion: 91 Resp: 237078
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 21.483 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

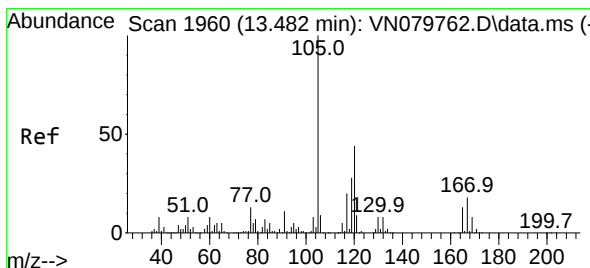
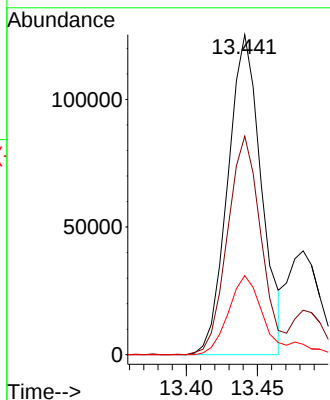
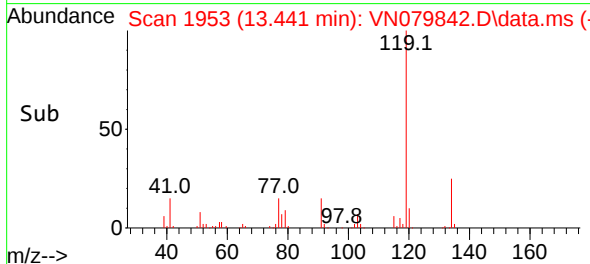
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



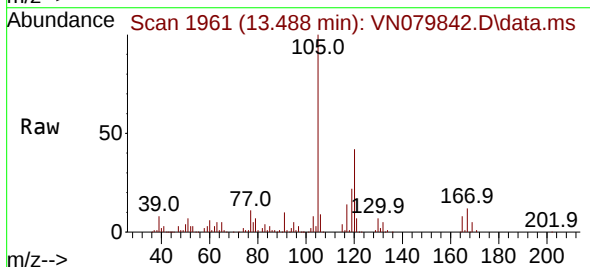
Tgt Ion:119 Resp: 206200
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 27.3 13.2 39.6

Manual Integrations
APPROVED

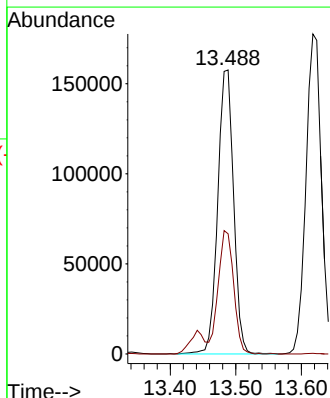
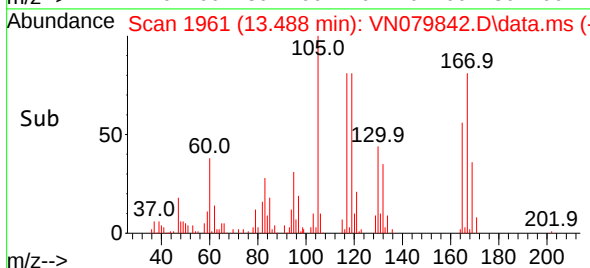
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

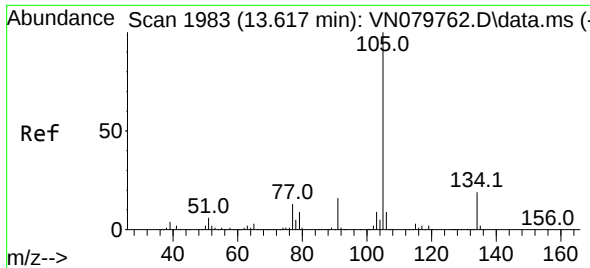


#84
1,2,4-Trimethylbenzene
Concen: 22.867 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



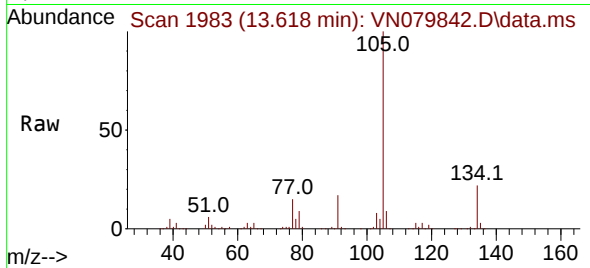
Tgt Ion:105 Resp: 263812
Ion Ratio Lower Upper
105 100
120 42.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 21.834 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079842.D
 Acq: 03 Nov 2023 12:30

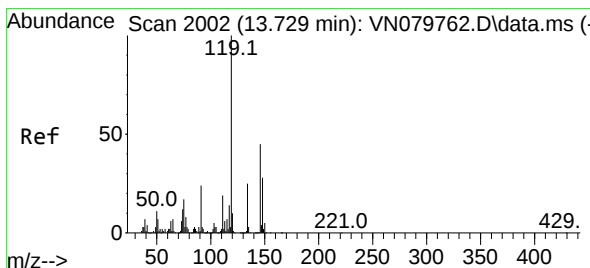
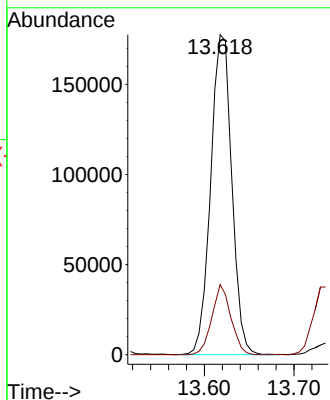
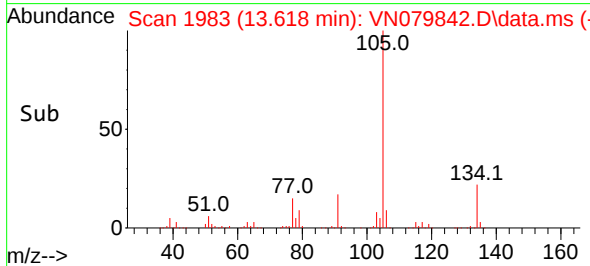
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1103WBSD01



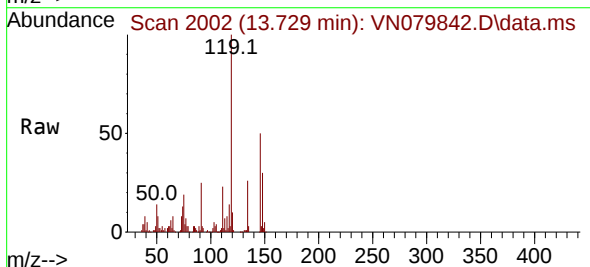
Tgt Ion:105 Resp: 290349
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

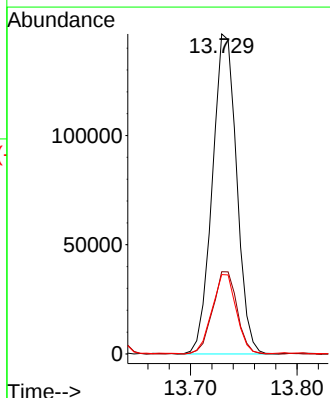
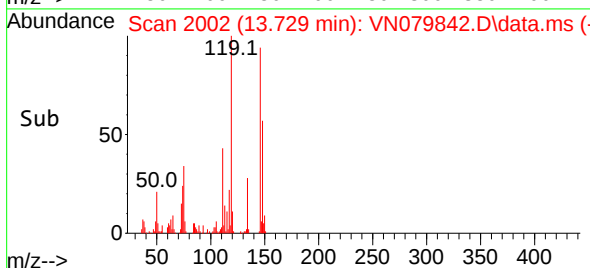
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#86
 p-Isopropyltoluene
 Concen: 21.396 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079842.D
 Acq: 03 Nov 2023 12:30



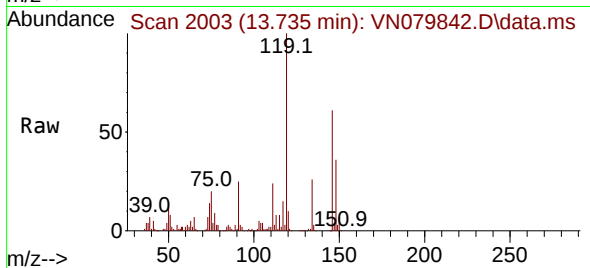
Tgt Ion:119 Resp: 231980
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 25.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.841 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

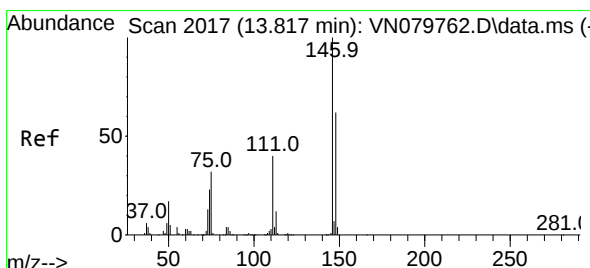
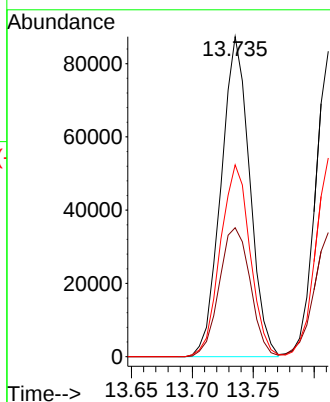
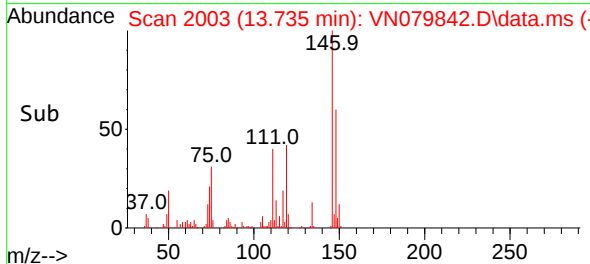
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



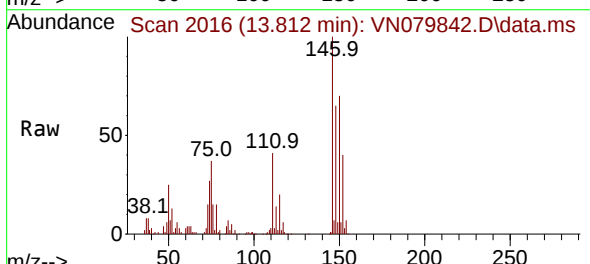
Tgt Ion:146 Resp: 14305
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.3
148 62.4 32.0 96.0

Manual Integrations
APPROVED

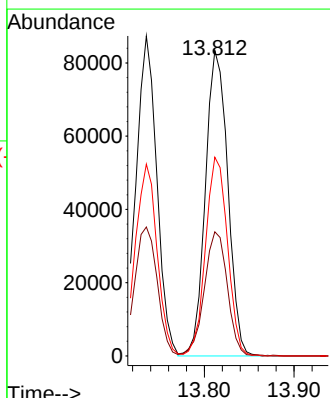
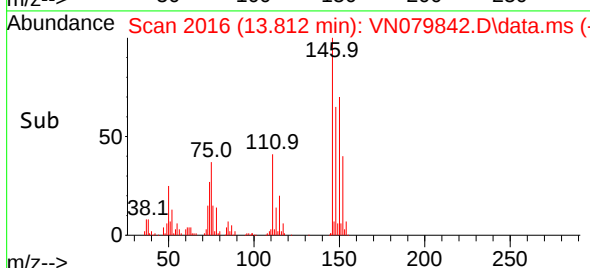
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

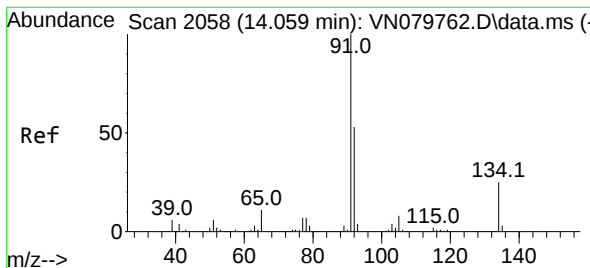


#88
1,4-Dichlorobenzene
Concen: 20.719 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion:146 Resp: 144360
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.8
148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 20.516 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion: 91 Resp: 19158

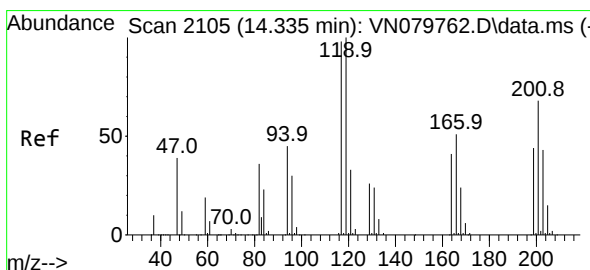
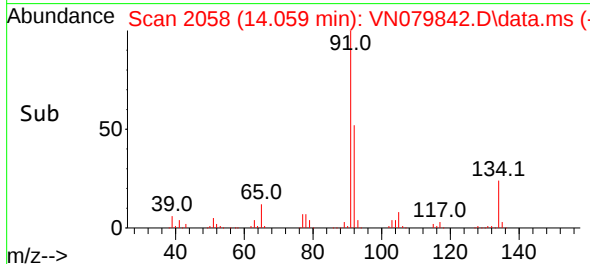
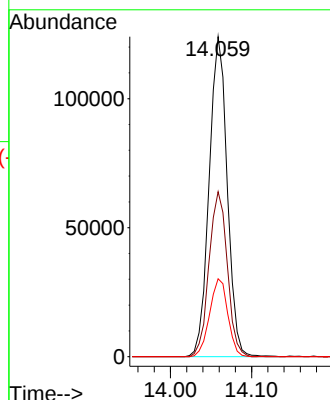
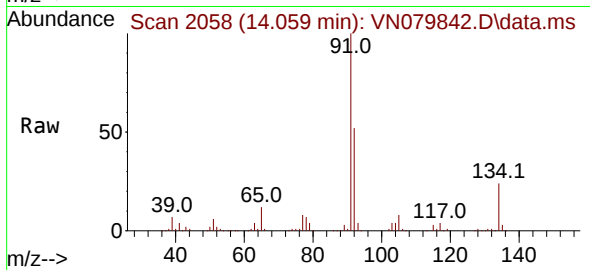
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.0
134	24.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#90

Hexachloroethane

Concen: 21.156 ug/l

RT: 14.335 min Scan# 2105

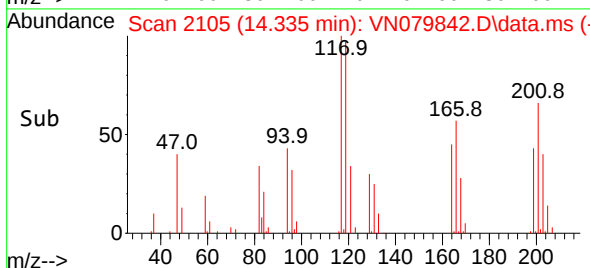
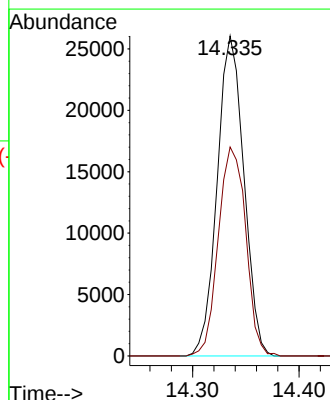
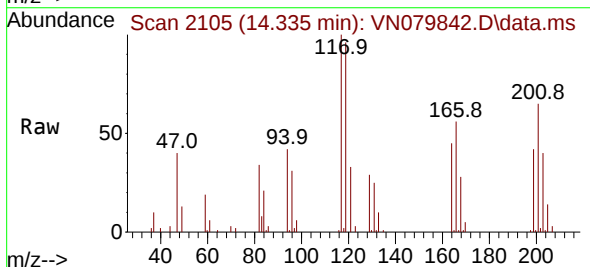
Delta R.T. 0.000 min

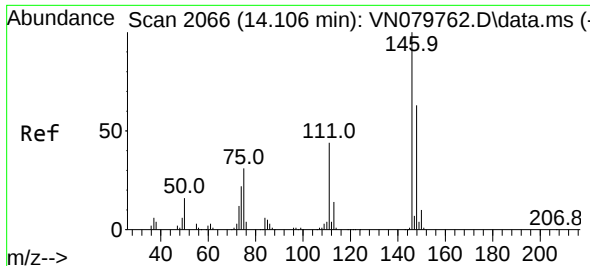
Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Tgt Ion:117 Resp: 45425

Ion	Ratio	Lower	Upper
117	100		
201	67.0	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 21.699 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

Tgt Ion:146 Resp: 14060

Ion Ratio Lower Upper

146 100

111 42.5 22.0 66.0

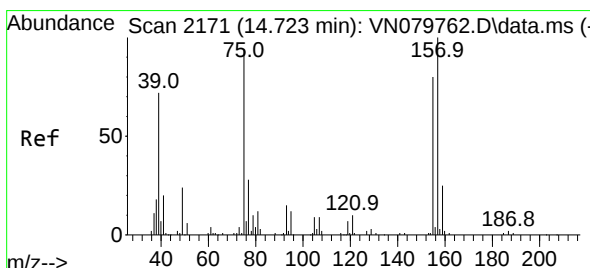
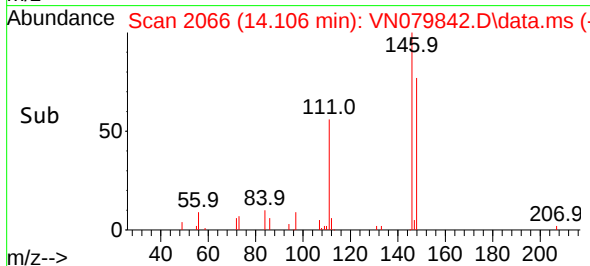
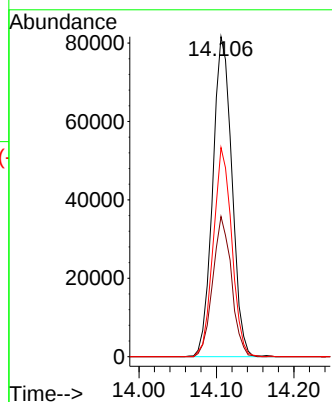
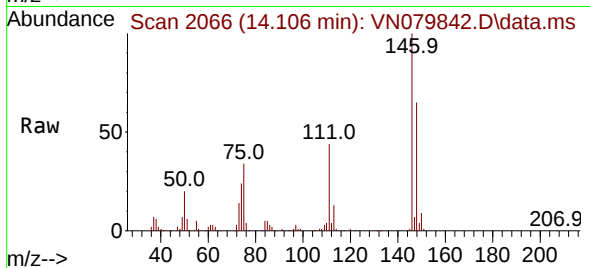
148 62.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.992 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

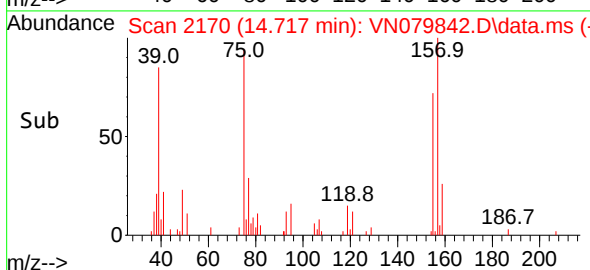
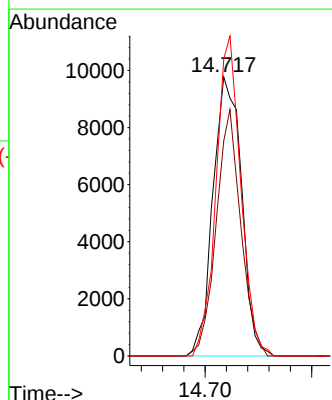
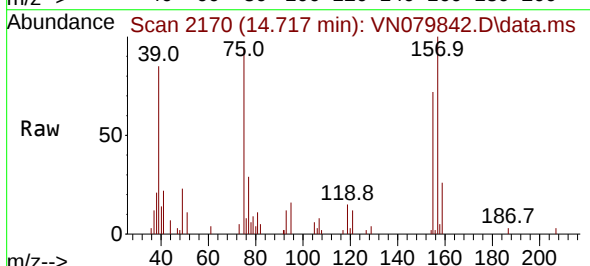
Tgt Ion: 75 Resp: 18117

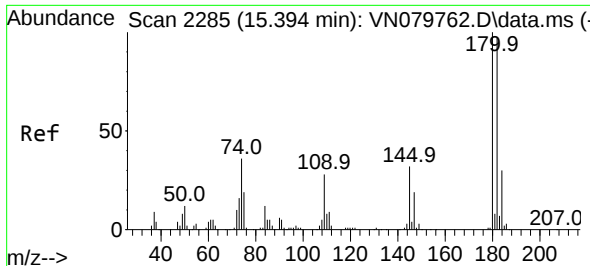
Ion Ratio Lower Upper

75 100

155 76.5 39.1 117.2

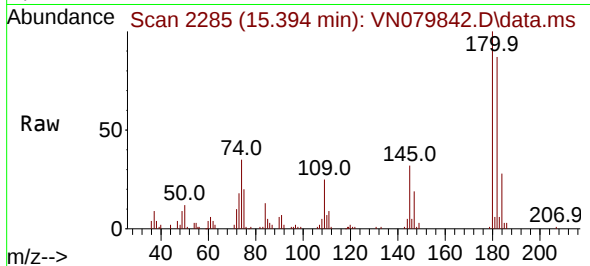
157 99.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 19.943 ug/l
RT: 15.394 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30

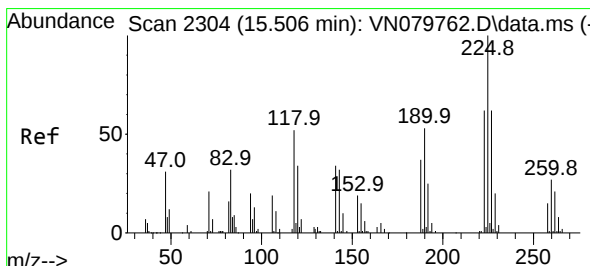
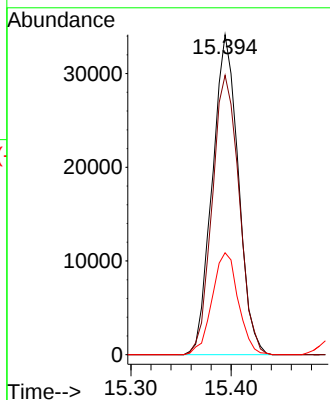
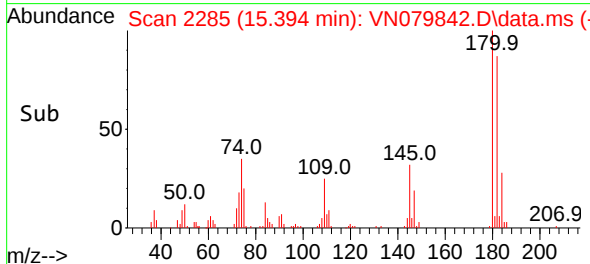
Instrument :
MSVOA_N
ClientSampleId :
VN1103WBSD01



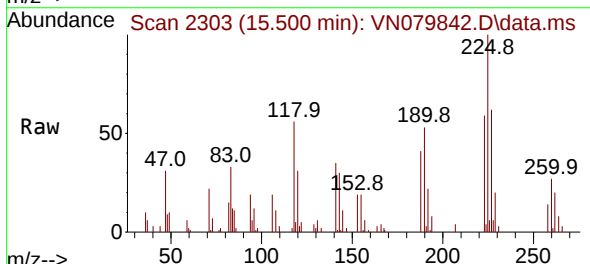
Tgt Ion:180 Resp: 61440
Ion Ratio Lower Upper
180 100
182 89.9 46.1 138.2
145 32.0 16.6 49.8

Manual Integrations
APPROVED

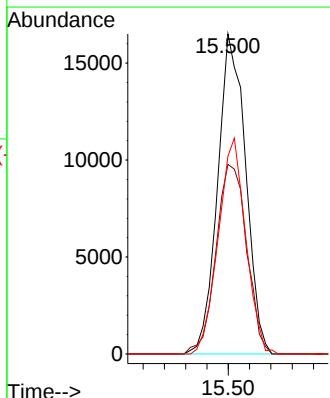
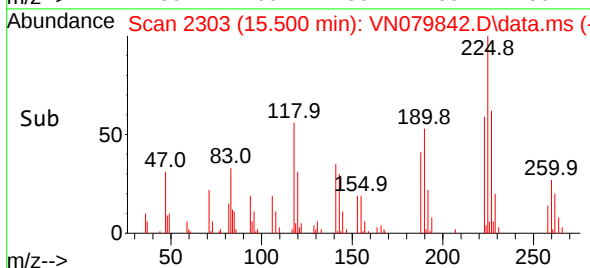
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

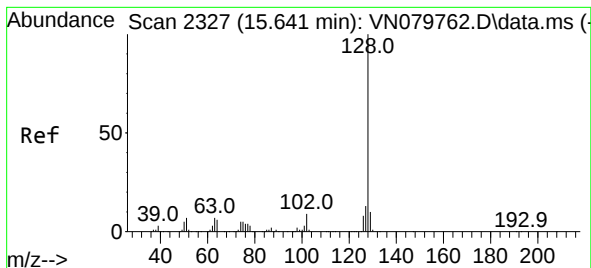


#94
Hexachlorobutadiene
Concen: 21.534 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079842.D
Acq: 03 Nov 2023 12:30



Tgt Ion:225 Resp: 30078
Ion Ratio Lower Upper
225 100
223 64.8 31.3 93.8
227 66.0 31.9 95.9





#95

Naphthalene

Concen: 16.519 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN1103WBSD01

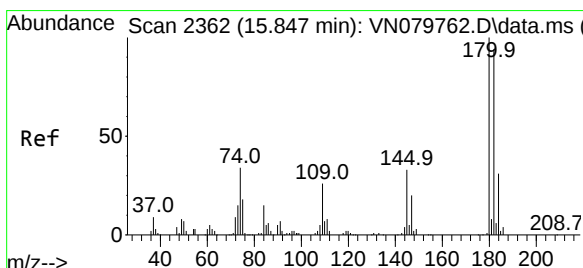
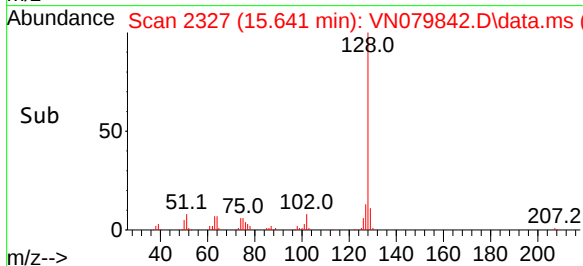
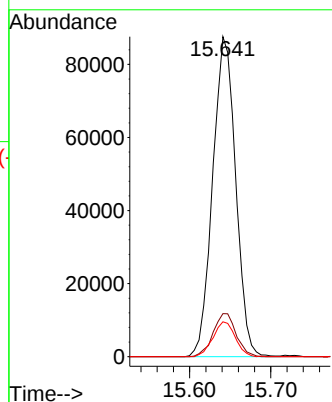
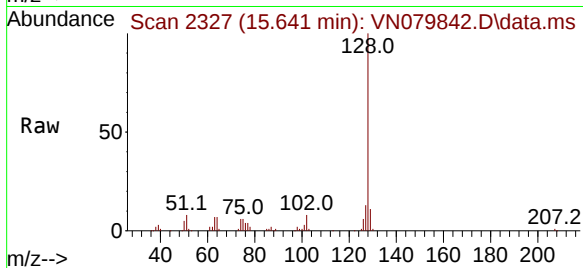
Tgt Ion:128 Resp: 172602
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.0 15.0
 129 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.974 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN079842.D

Acq: 03 Nov 2023 12:30

Tgt Ion:180 Resp: 60325
 Ion Ratio Lower Upper
 180 100
 182 92.5 46.2 138.6
 145 33.7 17.5 52.6

