

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071823\
 Data File : VN078553.D
 Acq On : 18 Jul 2023 11:51
 Operator : JC\MD
 Sample : VN0718WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Quant Time: Jul 19 01:45:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	451771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	763821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	683871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	265096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	311444	51.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.840%	
35) Dibromofluoromethane	8.177	113	272920	52.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	10.570	98	1007046	51.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.853	95	304869	50.530	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	92960	16.783	ug/l	98
3) Chloromethane	2.371	50	135997	22.590	ug/l	99
4) Vinyl Chloride	2.518	62	153981	19.772	ug/l	100
5) Bromomethane	2.953	94	98082	16.589	ug/l	100
6) Chloroethane	3.124	64	103718	20.898	ug/l	99
7) Trichlorofluoromethane	3.500	101	171677	18.441	ug/l	97
8) Diethyl Ether	3.965	74	55958	18.041	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	95111	19.300	ug/l	96
10) Methyl Iodide	4.594	142	119601	17.661	ug/l #	98
11) Tert butyl alcohol	5.530	59	89724	96.072	ug/l #	85
12) 1,1-Dichloroethene	4.347	96	88540	18.574	ug/l	86
13) Acrolein	4.200	56	95467	103.898	ug/l	100
14) Allyl chloride	5.036	41	111303	17.087	ug/l	95
15) Acrylonitrile	5.736	53	234268	99.280	ug/l	97
16) Acetone	4.441	43	180461	95.654	ug/l	96
17) Carbon Disulfide	4.718	76	214718	15.577	ug/l	95
18) Methyl Acetate	5.041	43	152484	19.093	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	298951	19.034	ug/l	98
20) Methylene Chloride	5.288	84	109793	19.544	ug/l #	90
21) trans-1,2-Dichloroethene	5.794	96	96736	18.008	ug/l	87
22) Diisopropyl ether	6.688	45	290432	19.912	ug/l	96
23) Vinyl Acetate	6.612	43	861110	92.867	ug/l #	87
24) 1,1-Dichloroethane	6.583	63	188154	19.144	ug/l	97
25) 2-Butanone	7.494	43	293896	98.963	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	157120	19.546	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	118777	19.114	ug/l	94
28) Bromochloromethane	7.824	49	94090	20.326	ug/l	91
29) Tetrahydrofuran	7.853	42	183957	94.402	ug/l	85
30) Chloroform	7.977	83	202456	19.786	ug/l	89
31) Cyclohexane	8.265	56	146193	17.861	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	178592	19.468	ug/l	98
36) 1,1-Dichloropropene	8.377	75	146501	19.568	ug/l	98
37) Ethyl Acetate	7.571	43	119755	19.188	ug/l #	95
38) Carbon Tetrachloride	8.371	117	168744	20.738	ug/l	97
39) Methylcyclohexane	9.606	83	129934	19.013	ug/l	91
40) Benzene	8.612	78	435746	19.646	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	59321	18.645	ug/l	96
42) 1,2-Dichloroethane	8.677	62	150545	19.955	ug/l	99
43) Isopropyl Acetate	8.700	43	199831	19.448	ug/l	96
44) Trichloroethene	9.359	130	116614	19.507	ug/l	96
45) 1,2-Dichloropropane	9.623	63	111687	19.882	ug/l	99
46) Dibromomethane	9.712	93	82199	20.790	ug/l	96
47) Bromodichloromethane	9.894	83	159847	20.168	ug/l	96
48) Methyl methacrylate	9.688	41	92850	19.505	ug/l	89
49) 1,4-Dioxane	9.700	88	39474	380.235	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	619621	101.381	ug/l	93
52) Toluene	10.635	92	274627	19.978	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	160109	19.719	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	173676	20.066	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	114177	21.081	ug/l	98
56) Ethyl methacrylate	10.882	69	146713	19.378	ug/l	89
57) 1,3-Dichloropropane	11.170	76	183023	19.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	257233	95.337	ug/l	94
59) 2-Hexanone	11.200	43	430730	99.162	ug/l	91
60) Dibromochloromethane	11.365	129	125843	21.046	ug/l	99
61) 1,2-Dibromoethane	11.476	107	111859	20.049	ug/l	96
64) Tetrachloroethene	11.112	164	101729	19.786	ug/l	96
65) Chlorobenzene	11.894	112	297716	19.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	112965	19.210	ug/l	96
67) Ethyl Benzene	11.970	91	485902	18.805	ug/l	98
68) m/p-Xylenes	12.076	106	379007	39.673	ug/l	99
69) o-Xylene	12.400	106	189459	19.634	ug/l	100
70) Styrene	12.417	104	291216	19.291	ug/l	98
71) Bromoform	12.582	173	76702	19.259	ug/l #	99
73) Isopropylbenzene	12.700	105	458715	18.415	ug/l	98
74) N-amyl acetate	12.500	43	150654	17.550	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	150111	19.699	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	177196	27.654	ug/l	72
77) Bromobenzene	12.988	156	111364	19.619	ug/l	97
78) n-propylbenzene	13.041	91	508836	19.101	ug/l	100
79) 2-Chlorotoluene	13.129	91	321789	18.442	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	378279	19.220	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41221	16.905	ug/l	93
82) 4-Chlorotoluene	13.229	91	299927	18.426	ug/l	98
83) tert-Butylbenzene	13.447	119	316261	18.927	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	369374	19.321	ug/l	99
85) sec-Butylbenzene	13.623	105	401307	19.000	ug/l	98
86) p-Isopropyltoluene	13.735	119	324576	19.138	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	178542	18.671	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	173346	17.997	ug/l	99
89) n-Butylbenzene	14.059	91	237190	19.546	ug/l	95
90) Hexachloroethane	14.341	117	65249	20.450	ug/l	81
91) 1,2-Dichlorobenzene	14.111	146	179413	18.853	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23048	18.102	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	43972	14.478	ug/l	100
94) Hexachlorobutadiene	15.505	225	33762	18.914	ug/l	98
95) Naphthalene	15.647	128	123387	11.883	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	54354	15.564	ug/l	94

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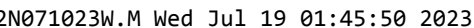
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

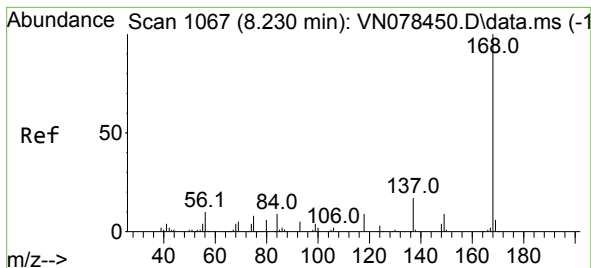
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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN078553.D

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ClientSampleId :

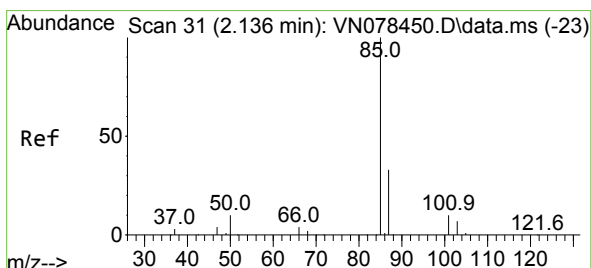
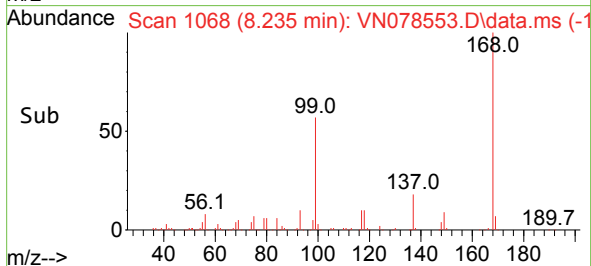
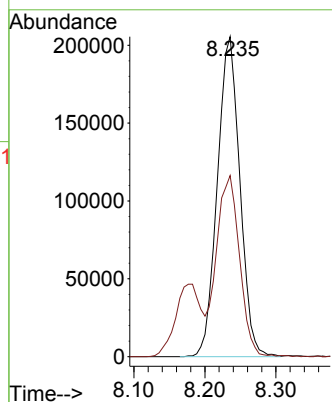
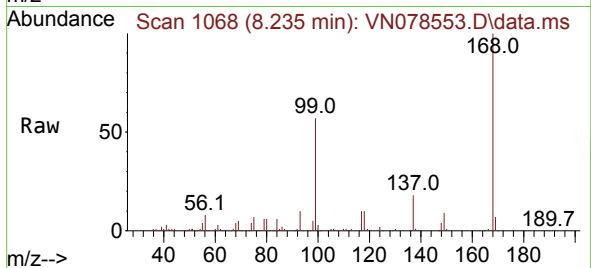
VN0718WBS01

Tgt Ion:168 Resp: 451771

Ion Ratio Lower Upper

168 100

99 56.2 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 16.783 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078553.D

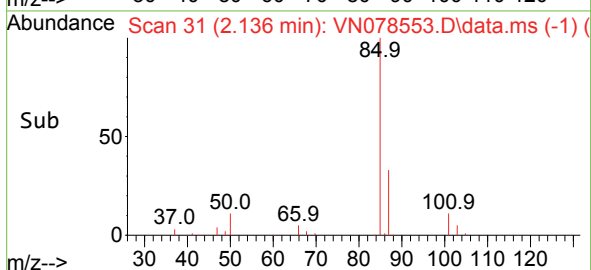
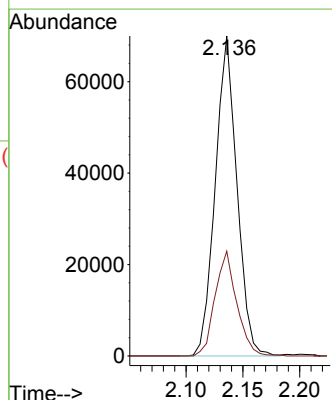
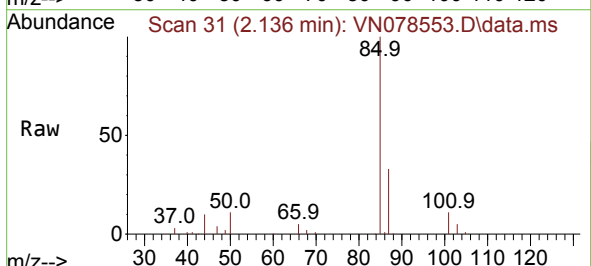
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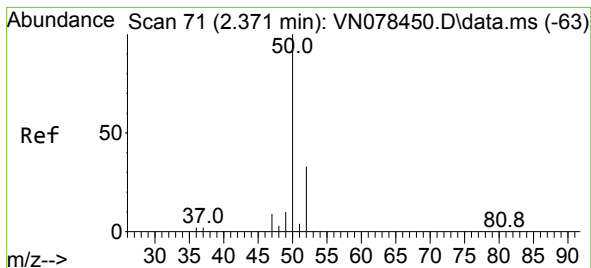
Tgt Ion: 85 Resp: 92960

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4





#3

Chloromethane

Concen: 22.590 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

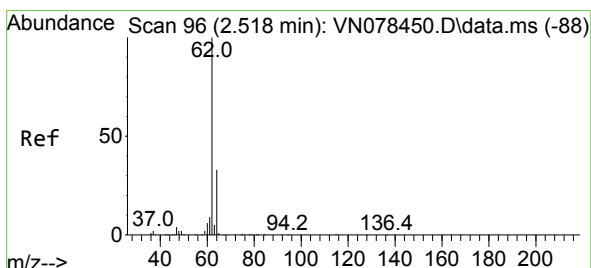
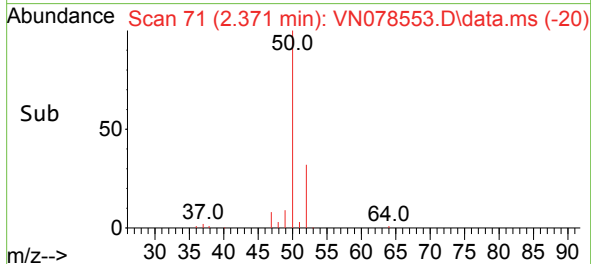
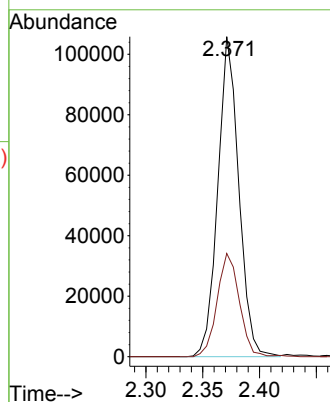
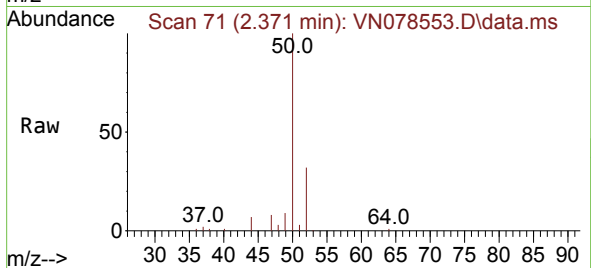
VN0718WBS01

Tgt Ion: 50 Resp: 135997

Ion Ratio Lower Upper

50 100

52 32.3 26.5 39.7



#4

Vinyl Chloride

Concen: 19.772 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN078553.D

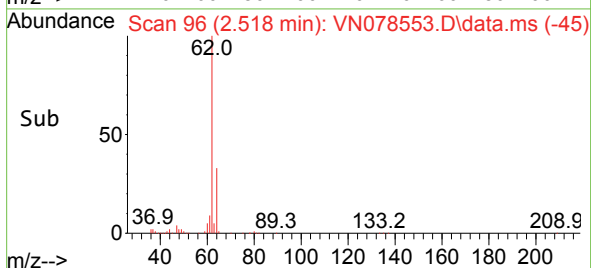
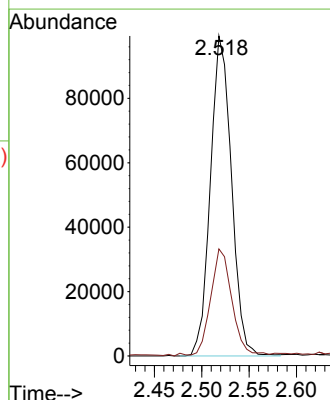
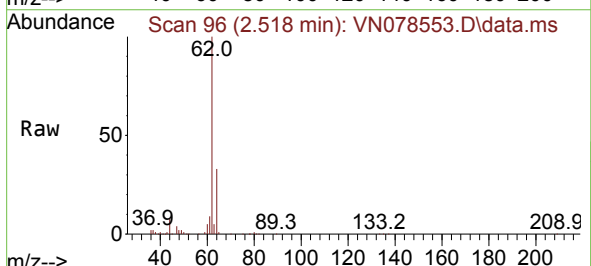
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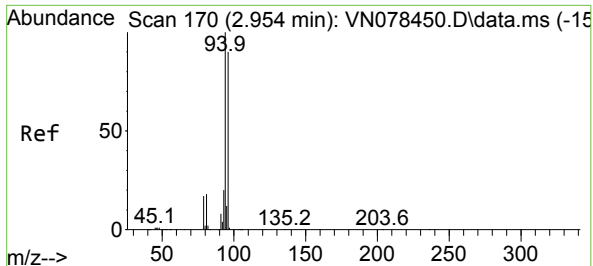
Tgt Ion: 62 Resp: 153981

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2

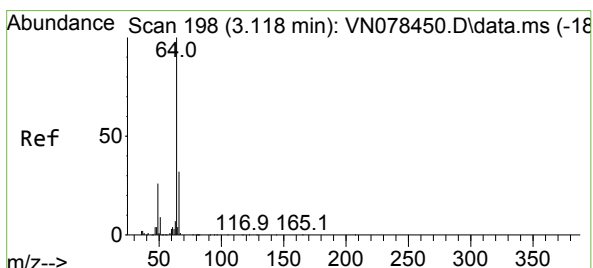
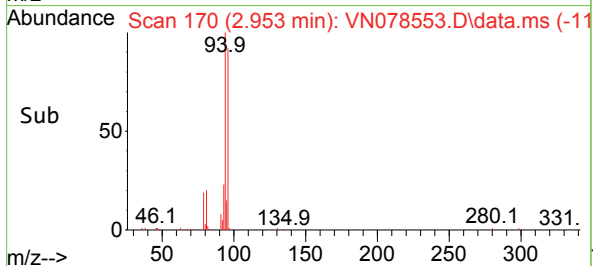
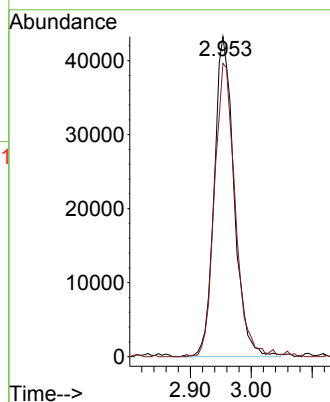
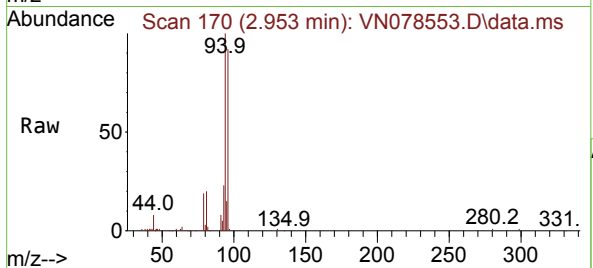




#5
Bromomethane
Concen: 16.589 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN078553.D
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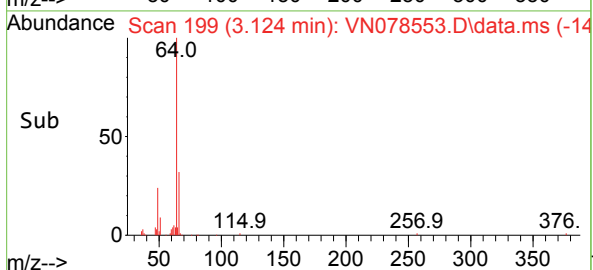
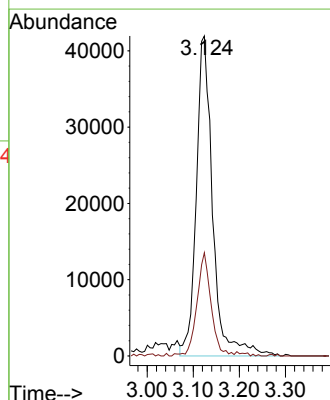
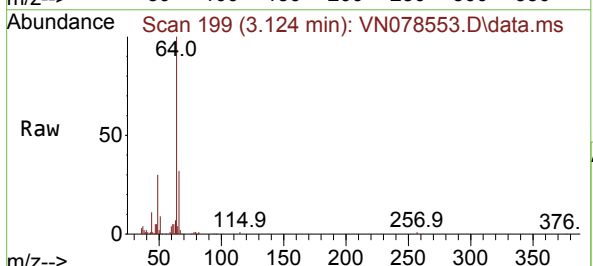
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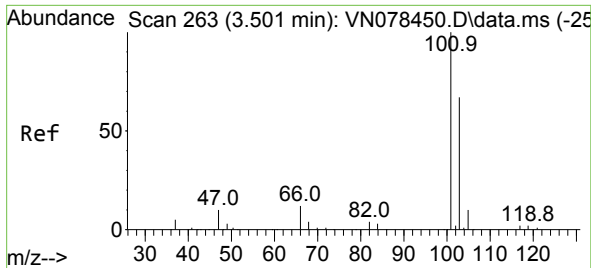
Tgt Ion: 94 Resp: 98082
Ion Ratio Lower Upper
94 100
96 91.7 73.1 109.7



#6
Chloroethane
Concen: 20.898 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 64 Resp: 103718
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

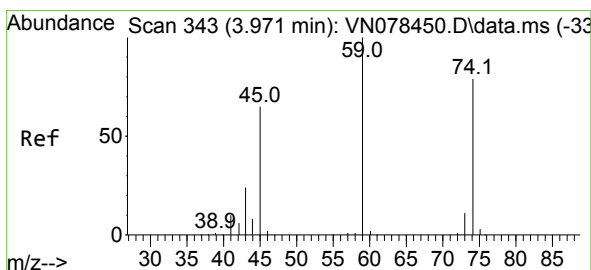
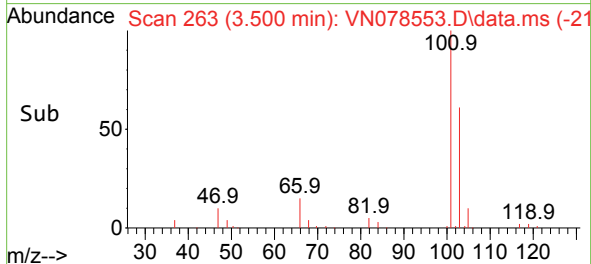
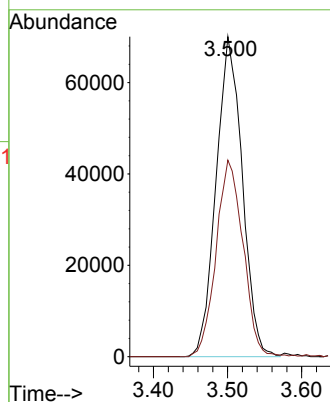
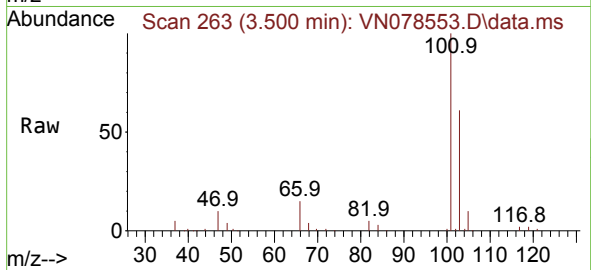




#7
Trichlorofluoromethane
Concen: 18.441 ug/l
RT: 3.500 min Scan# 210
Delta R.T. -0.001 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

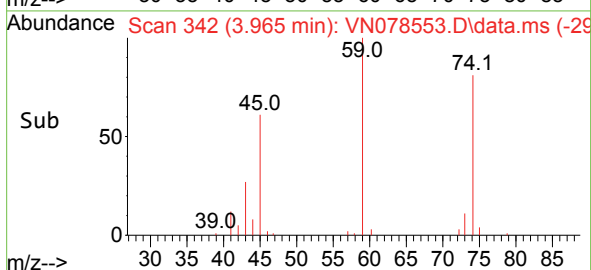
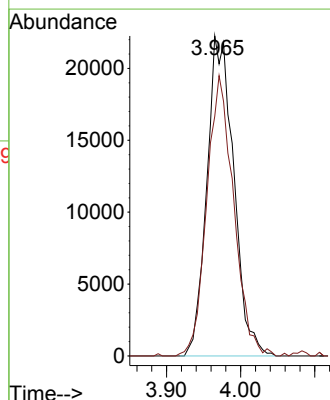
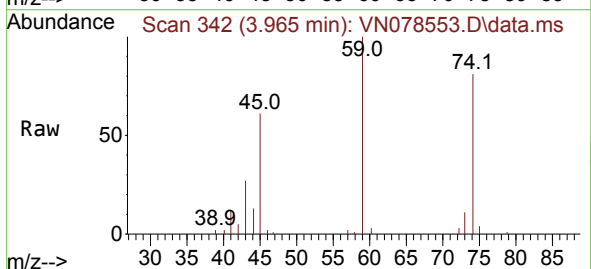
Instrument :
MSVOA_N
ClientSampleId :
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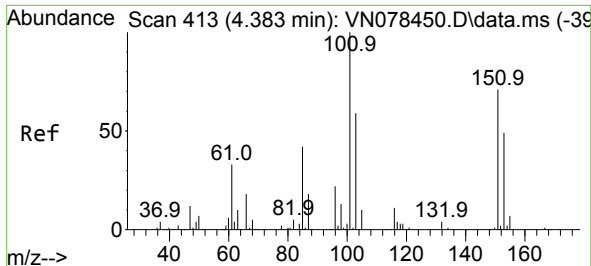
Tgt Ion:101 Resp: 171677
Ion Ratio Lower Upper
101 100
103 61.4 50.7 76.1



#8
Diethyl Ether
Concen: 18.041 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 74 Resp: 55958
Ion Ratio Lower Upper
74 100
45 87.9 34.4 103.3

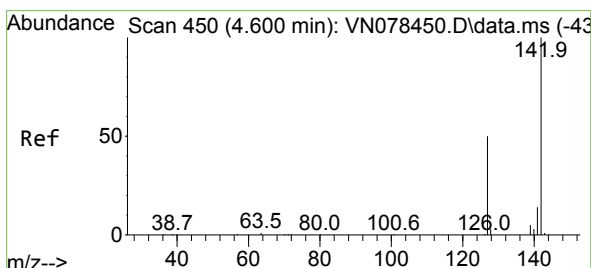
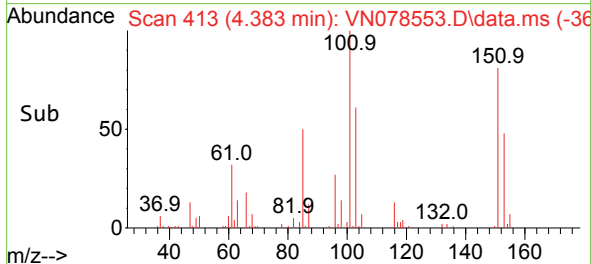
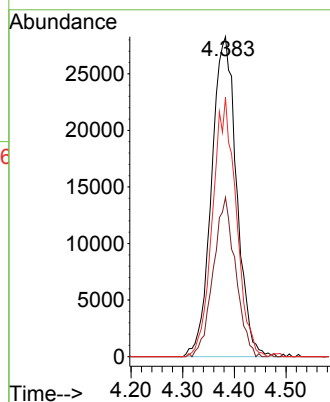
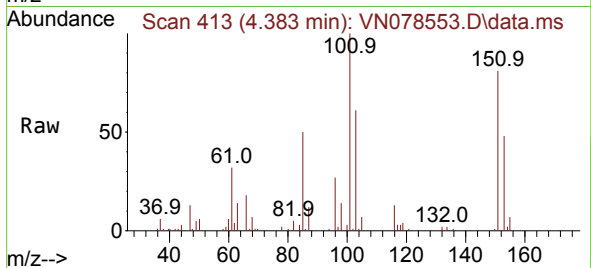




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.300 ug/l
RT: 4.383 min Scan# 413
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

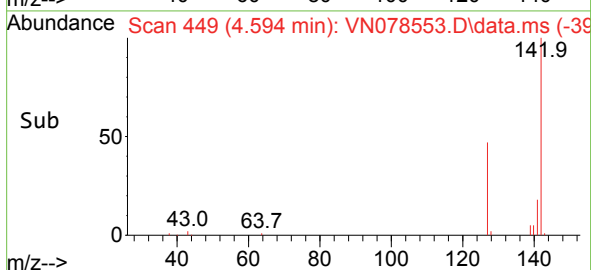
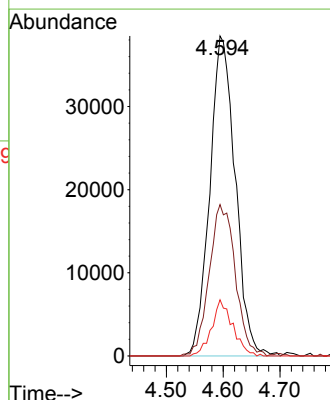
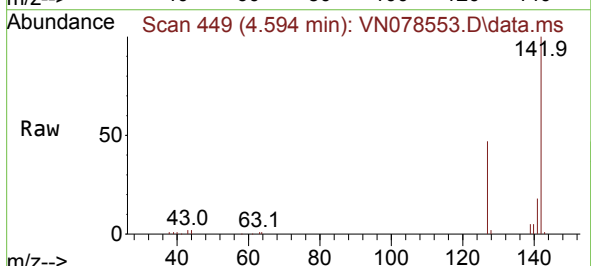
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

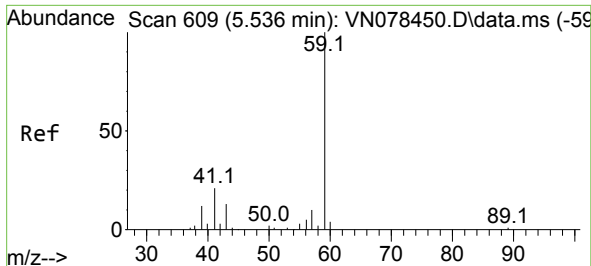
Tgt Ion:101 Resp: 95111
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.4 57.6 86.4



#10
Methyl Iodide
Concen: 17.661 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion:142 Resp: 119601
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 17.6 11.4 17.0#

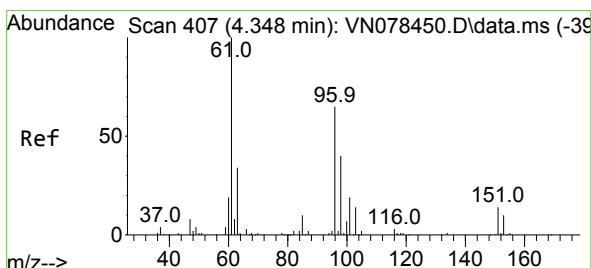
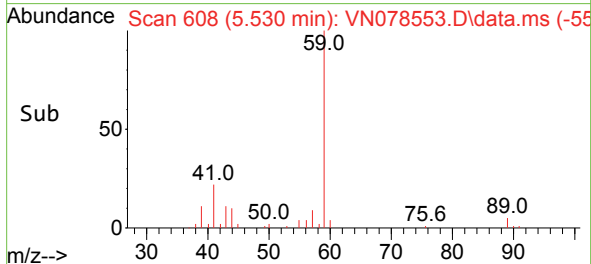
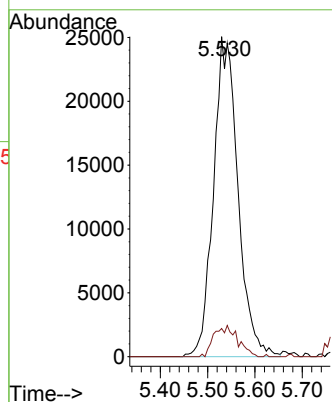
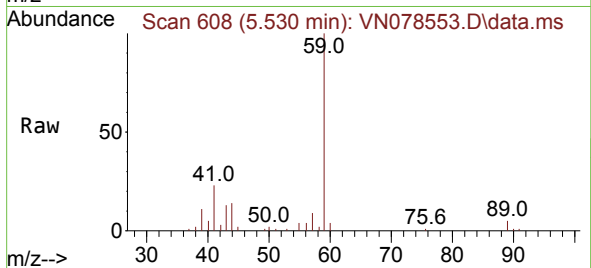




#11
Tert butyl alcohol
Concen: 96.072 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

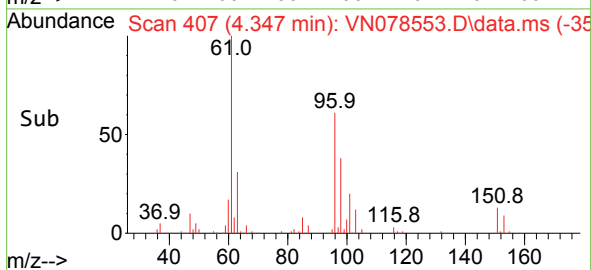
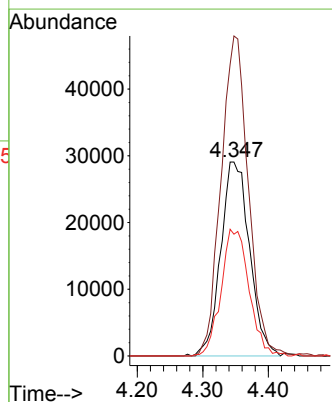
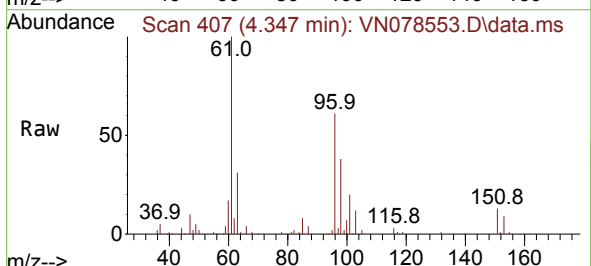
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

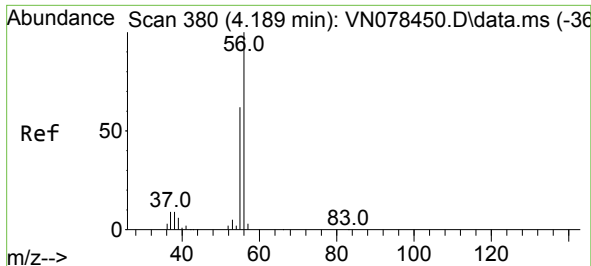
Tgt Ion: 59 Resp: 89724
Ion Ratio Lower Upper
59 100
57 4.6 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 18.574 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 96 Resp: 88540
Ion Ratio Lower Upper
96 100
61 165.0 112.7 169.1
98 62.8 51.2 76.8

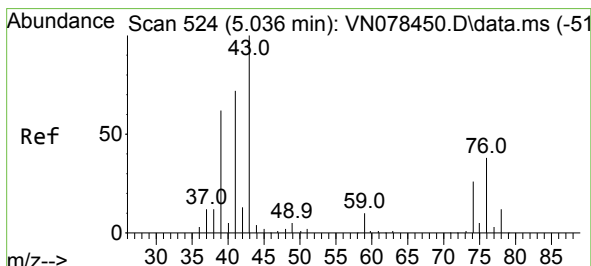
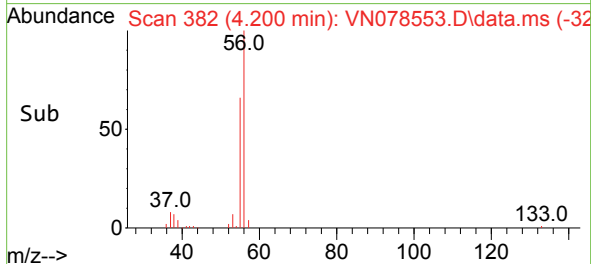
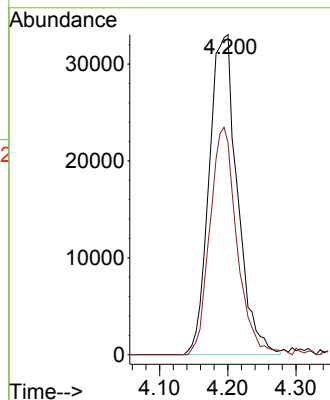
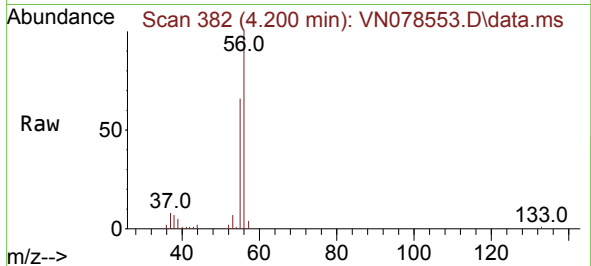




#13
Acrolein
Concen: 103.898 ug/l
RT: 4.200 min Scan# 380
Delta R.T. 0.011 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

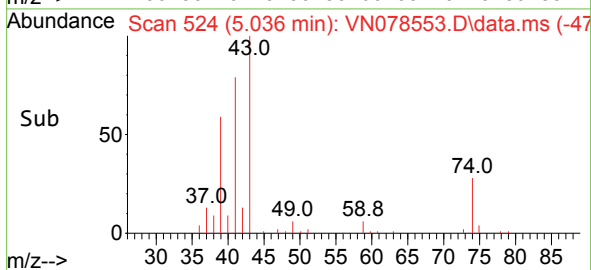
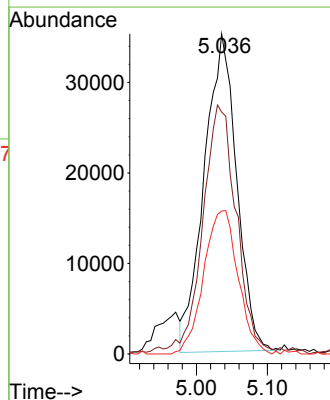
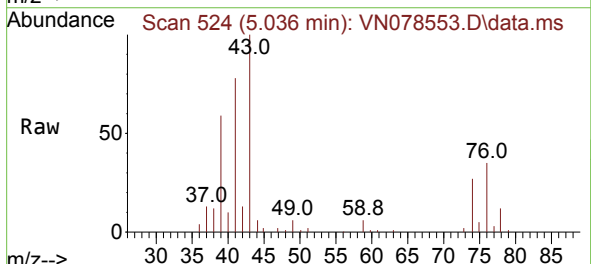
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

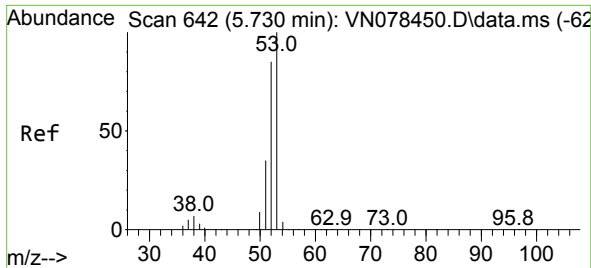
Tgt Ion: 56 Resp: 95467
Ion Ratio Lower Upper
56 100
55 67.9 54.5 81.7



#14
Allyl chloride
Concen: 17.087 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 41 Resp: 111303
Ion Ratio Lower Upper
41 100
39 79.1 58.8 88.2
76 47.8 39.1 58.7

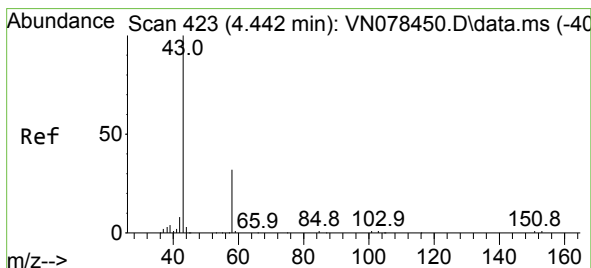
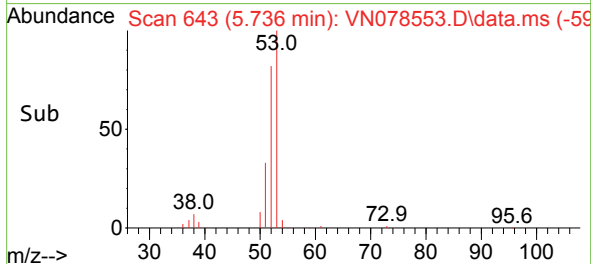
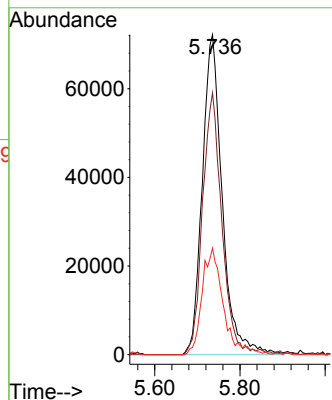
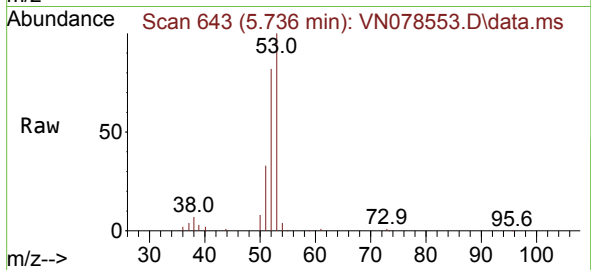




#15
Acrylonitrile
Concen: 99.280 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

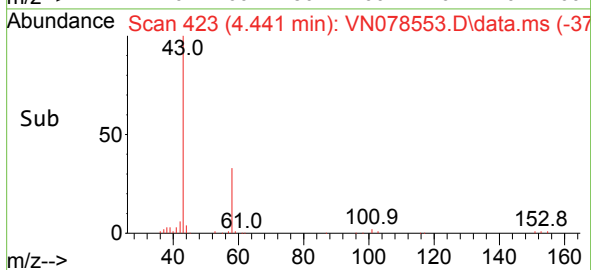
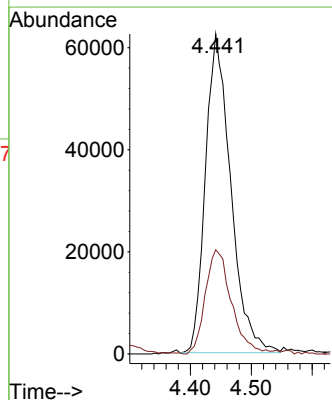
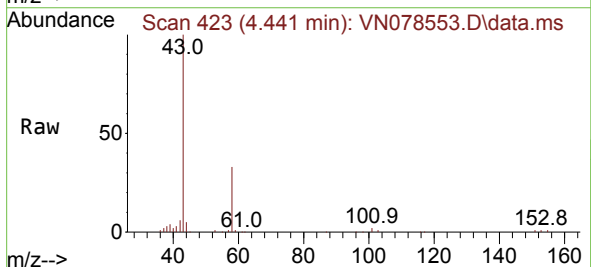
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

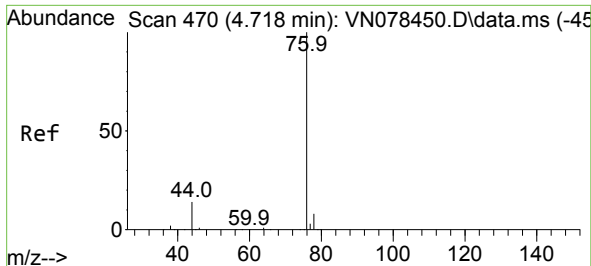
Tgt Ion: 53 Resp: 234268
Ion Ratio Lower Upper
53 100
52 78.8 65.3 97.9
51 35.2 28.9 43.3



#16
Acetone
Concen: 95.654 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 43 Resp: 180461
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

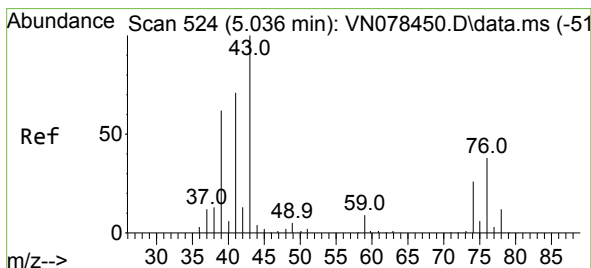
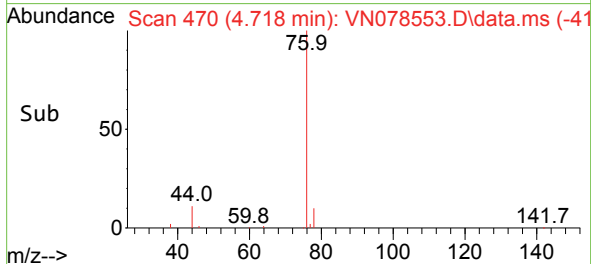
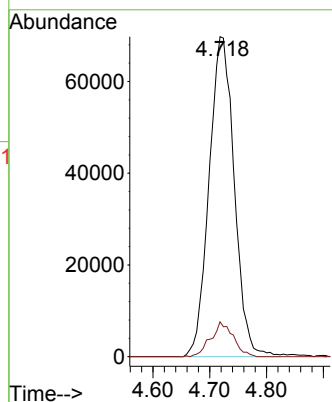
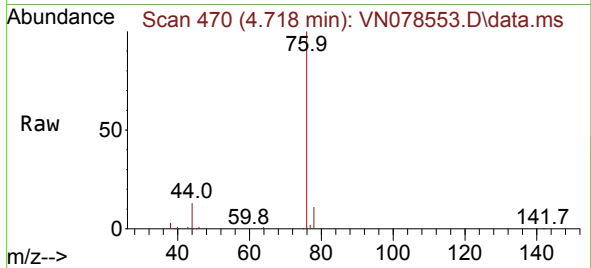




#17
Carbon Disulfide
Concen: 15.577 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

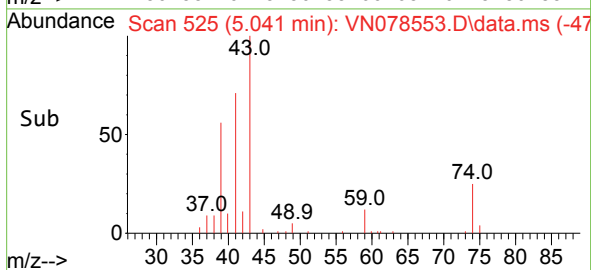
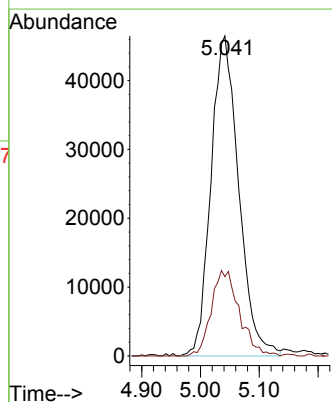
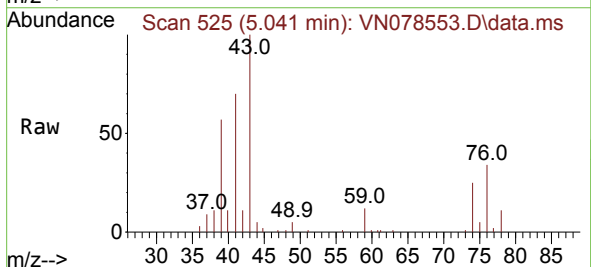
Instrument :
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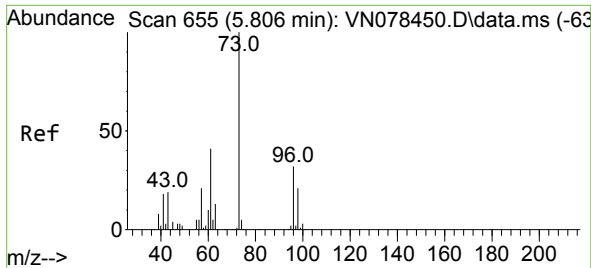
Tgt Ion: 76 Resp: 214718
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0



#18
Methyl Acetate
Concen: 19.093 ug/l
RT: 5.041 min Scan# 525
Delta R.T. 0.005 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 43 Resp: 152484
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4

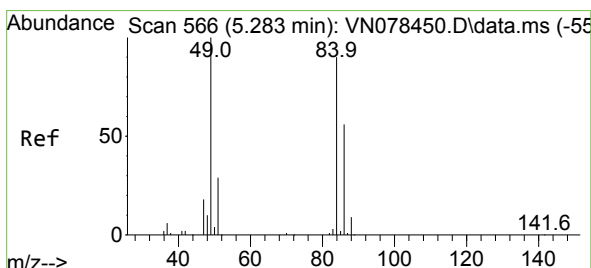
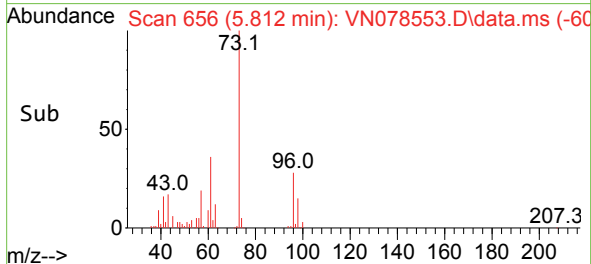
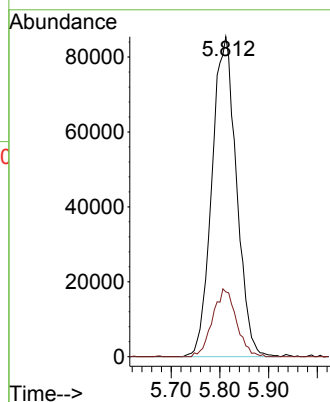
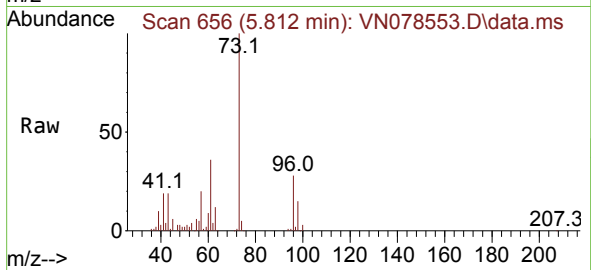




#19
Methyl tert-butyl Ether
Concen: 19.034 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

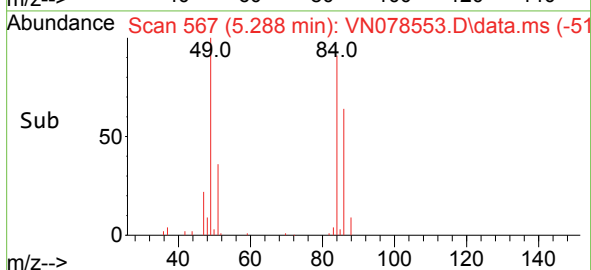
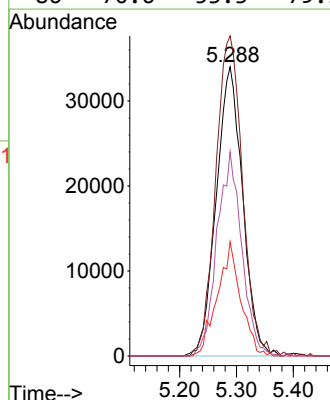
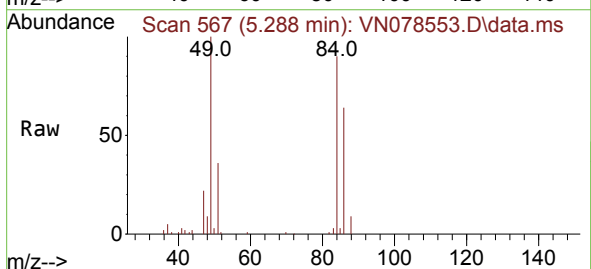
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

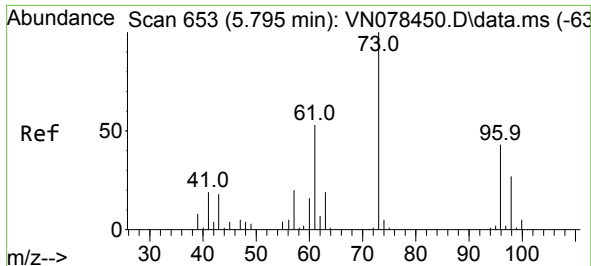
Tgt Ion: 73 Resp: 298951
Ion Ratio Lower Upper
73 100
57 20.3 15.6 23.4



#20
Methylene Chloride
Concen: 19.544 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 84 Resp: 109793
Ion Ratio Lower Upper
84 100
49 110.7 79.7 119.5
51 39.5 25.2 37.8#
86 70.6 53.3 79.9

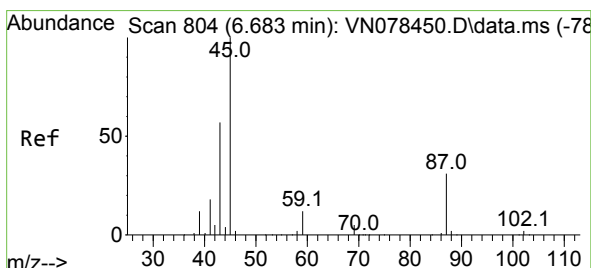
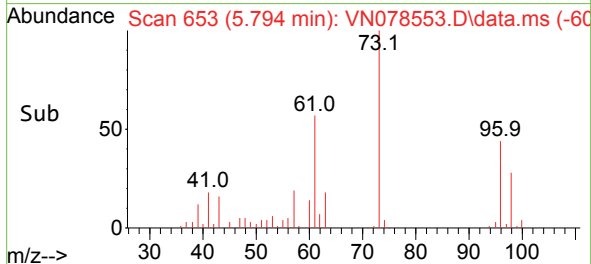
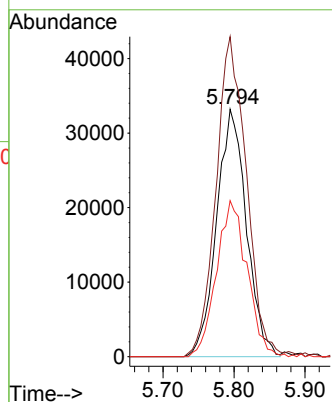
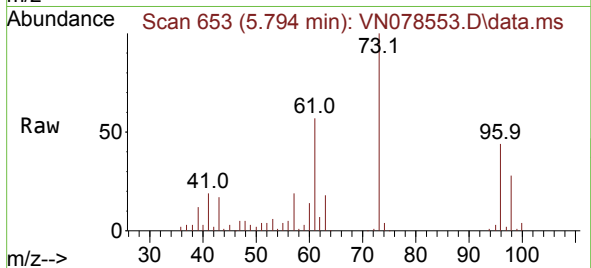




#21
trans-1,2-Dichloroethene
Concen: 18.008 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

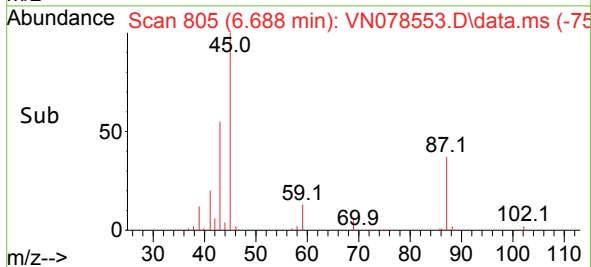
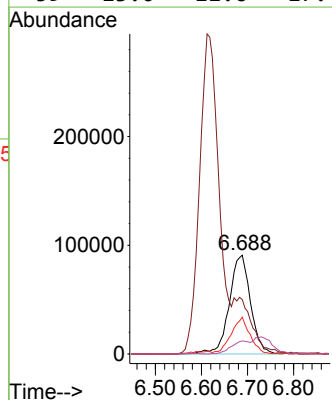
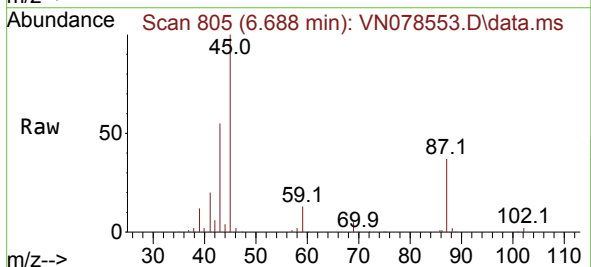
Instrument :
MSVOA_N
ClientSampleId :
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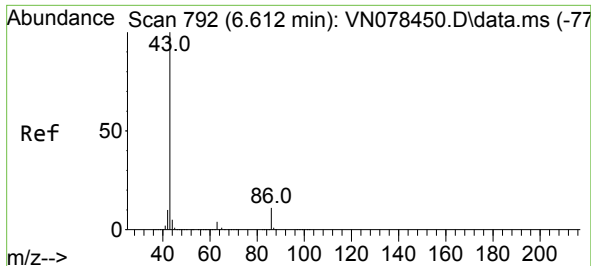
Tgt Ion: 96 Resp: 96736
Ion Ratio Lower Upper
96 100
61 129.4 90.1 135.1
98 63.1 46.4 69.6



#22
Diisopropyl ether
Concen: 19.912 ug/l
RT: 6.688 min Scan# 805
Delta R.T. 0.005 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 45 Resp: 290432
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 37.3 31.8 47.8
59 13.0 11.6 17.4

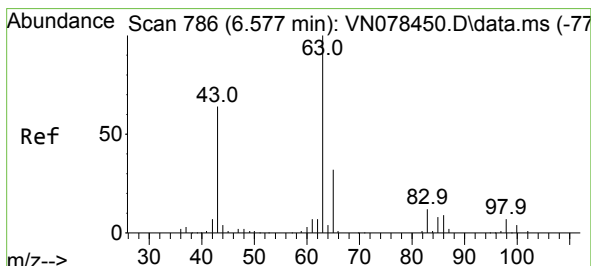
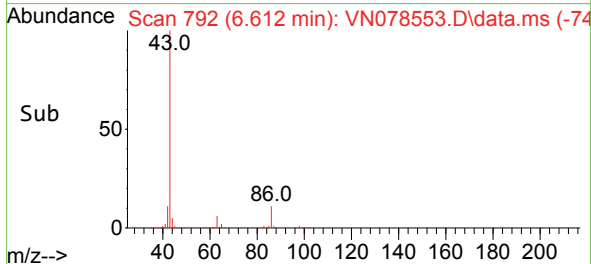
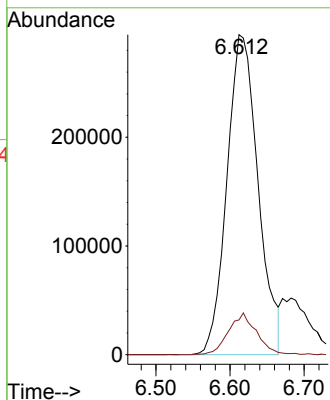
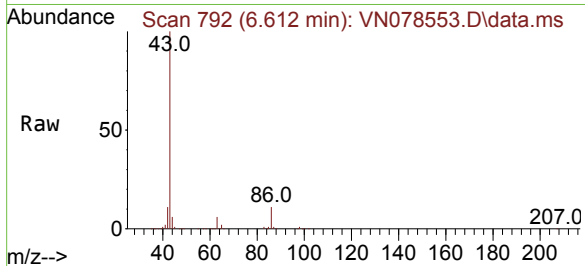




#23
 Vinyl Acetate
 Concen: 92.867 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

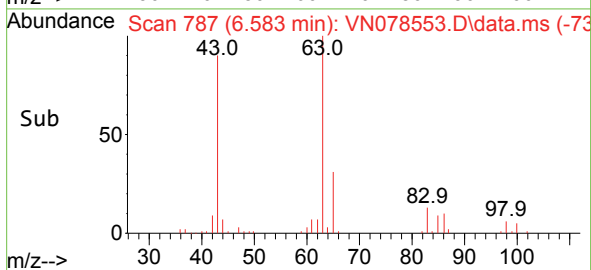
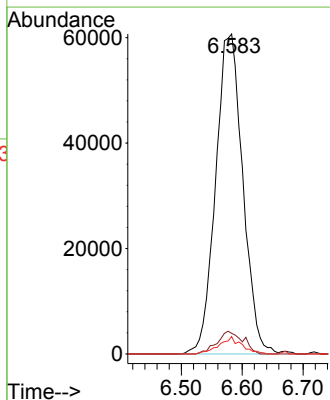
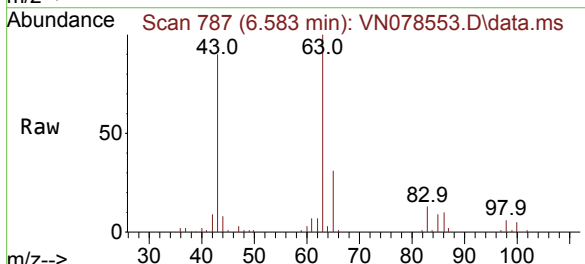
Instrument :
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 ClientSampleId :
 VN0718WBS01

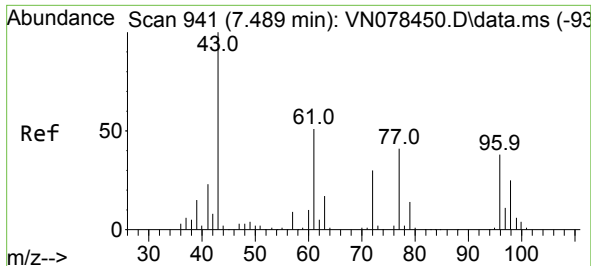
Tgt Ion: 43 Resp: 861110
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.144 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

Tgt Ion: 63 Resp: 188154
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 5.5 2.5 7.4

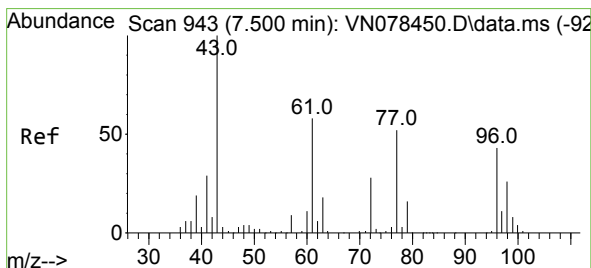
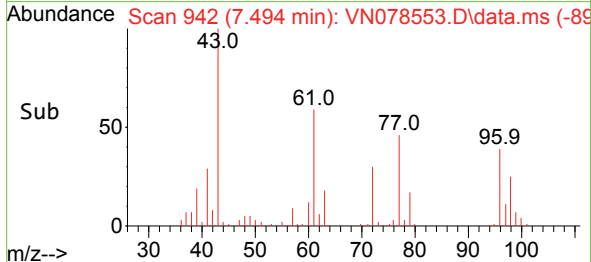
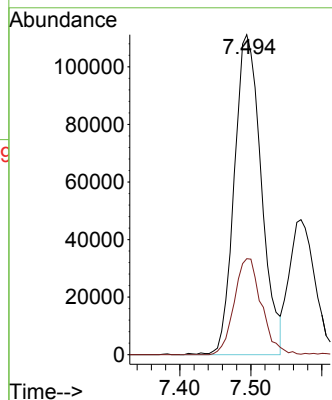
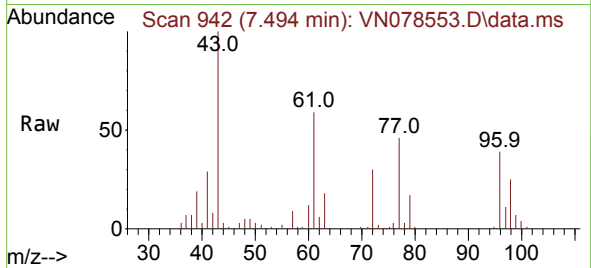




#25
2-Butanone
Concen: 98.963 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.005 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

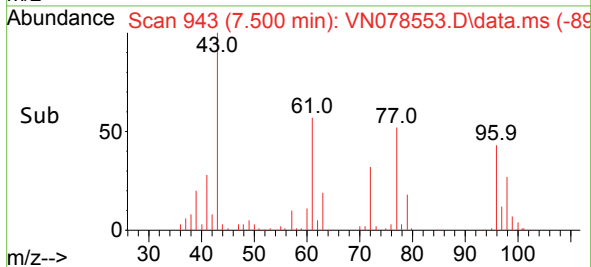
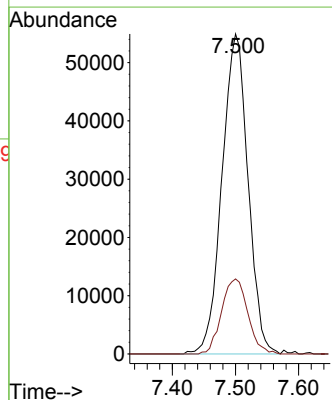
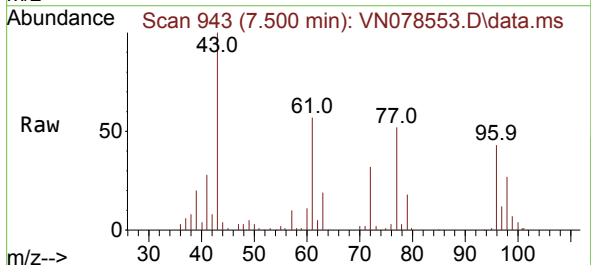
Instrument :
MSVOA_N
ClientSampleId :
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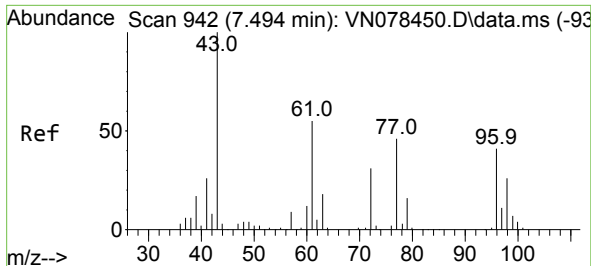
Tgt Ion: 43 Resp: 293896
Ion Ratio Lower Upper
43 100
72 30.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.546 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 77 Resp: 157120
Ion Ratio Lower Upper
77 100
97 23.7 11.2 33.6

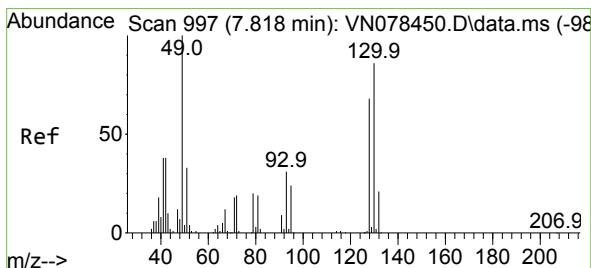
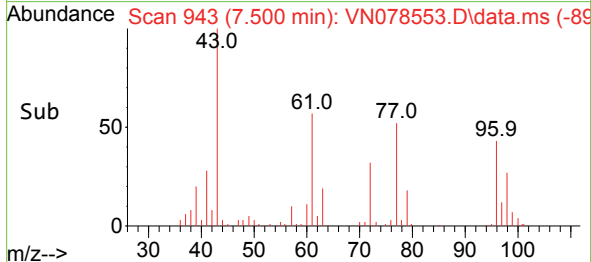
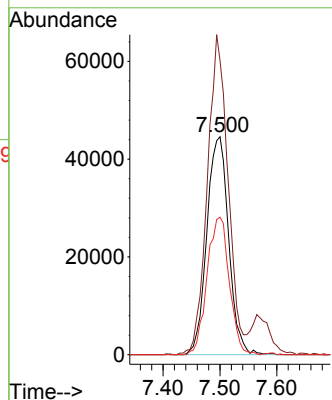
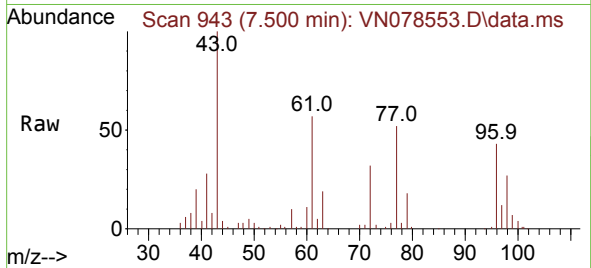




#27
 cis-1,2-Dichloroethene
 Concen: 19.114 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

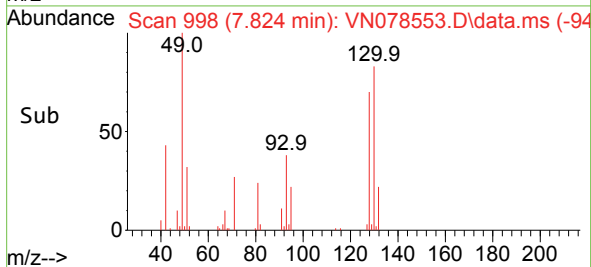
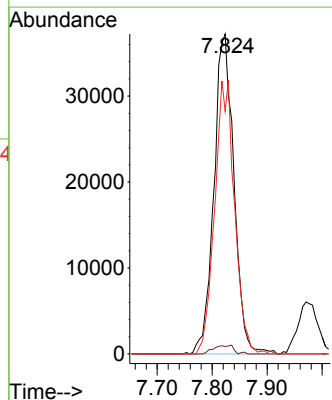
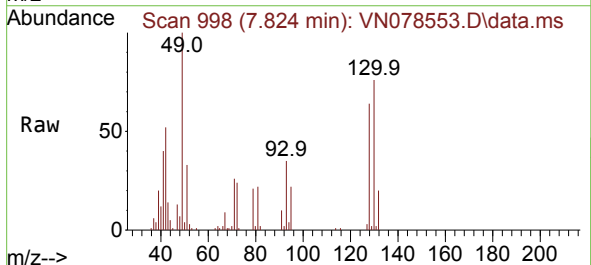
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

Tgt Ion: 96 Resp: 118777
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 255.2
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.326 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

Tgt Ion: 49 Resp: 94090
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 84.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 94.402 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

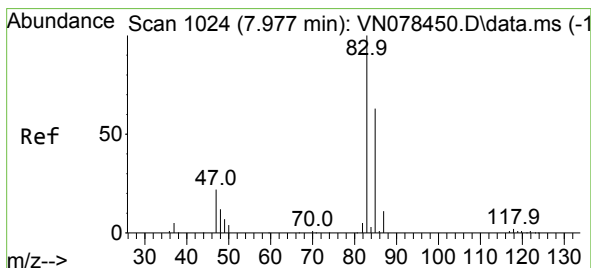
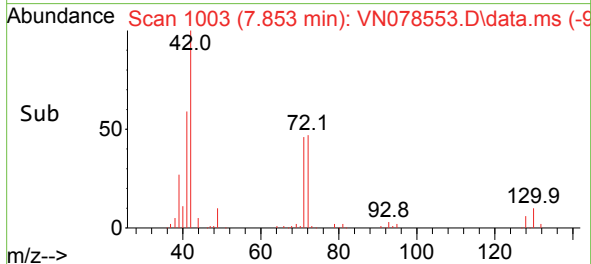
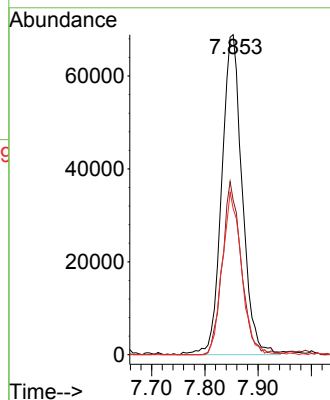
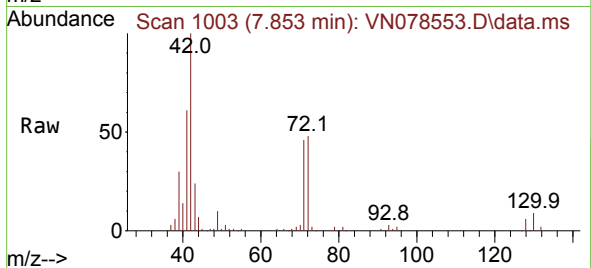
Tgt Ion: 42 Resp: 183957

Ion Ratio Lower Upper

42 100

72 50.2 49.8 74.6

71 47.9 47.4 71.2



#30

Chloroform

Concen: 19.786 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078553.D

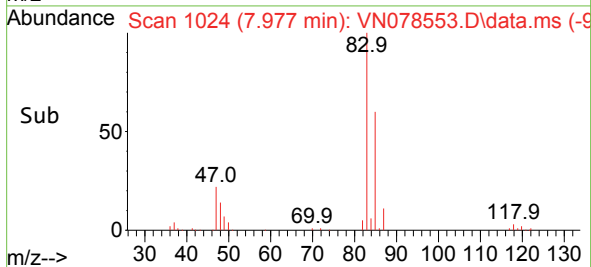
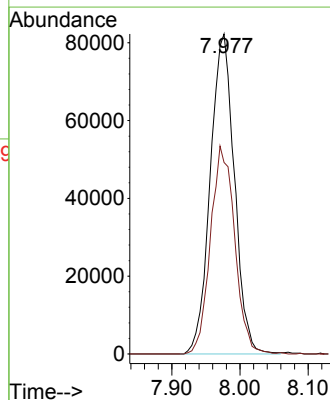
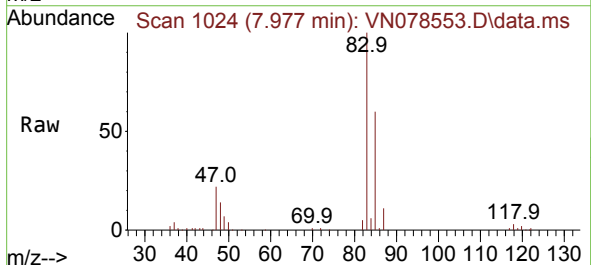
Acq: 18 Jul 2023 11:51

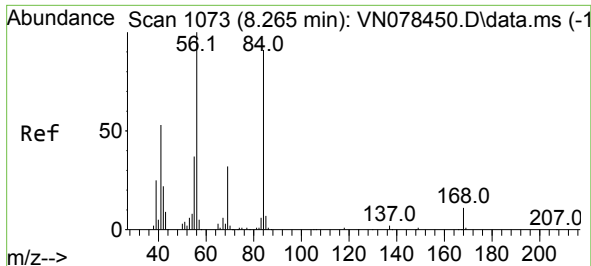
Tgt Ion: 83 Resp: 202456

Ion Ratio Lower Upper

83 100

85 59.8 55.4 83.0

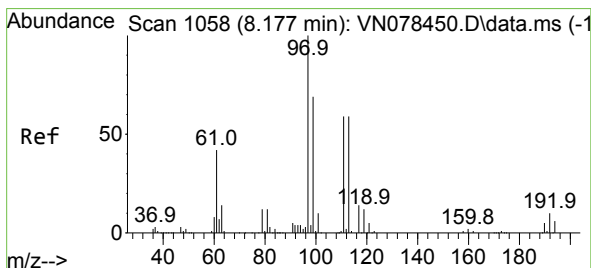
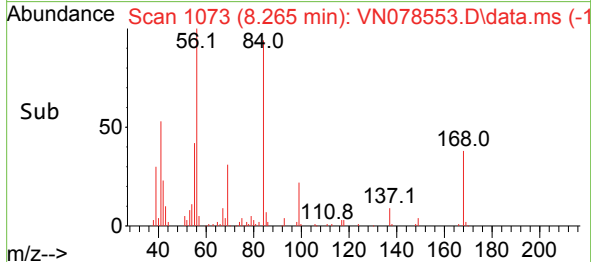
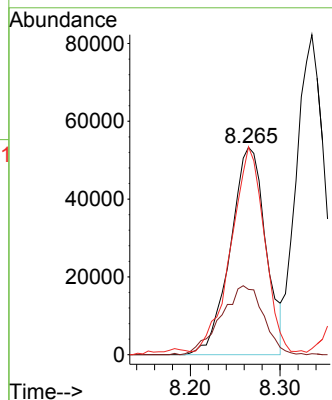
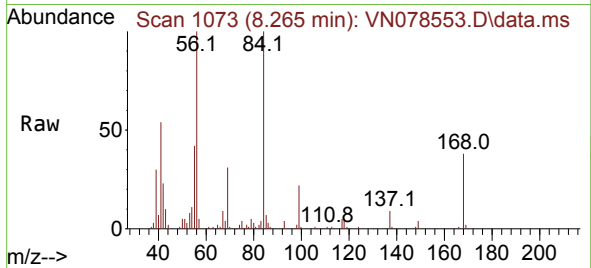




#31
Cyclohexane
Concen: 17.861 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

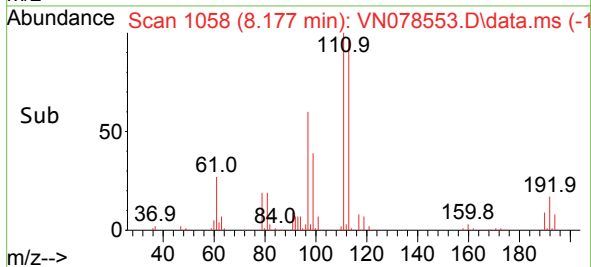
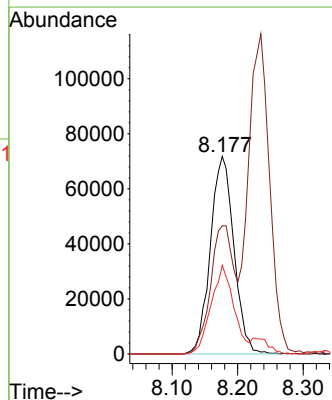
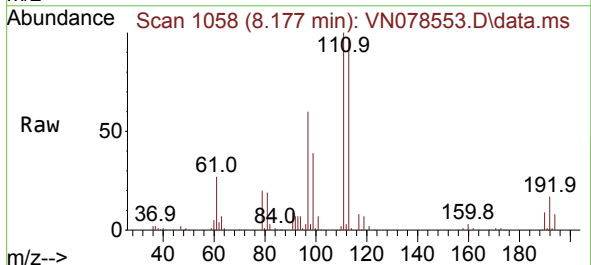
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

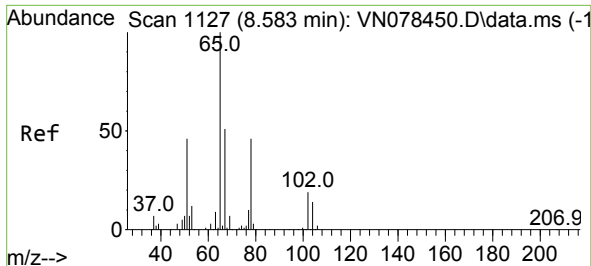
Tgt Ion: 56 Resp: 146193
Ion Ratio Lower Upper
56 100
69 31.5 26.8 40.2
84 97.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.468 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 97 Resp: 178592
Ion Ratio Lower Upper
97 100
99 65.3 50.3 75.5
61 43.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.423 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

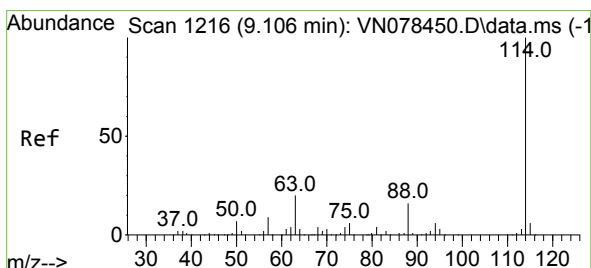
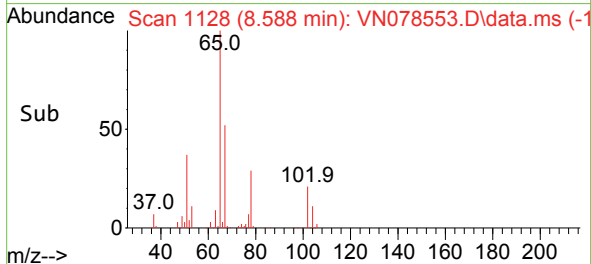
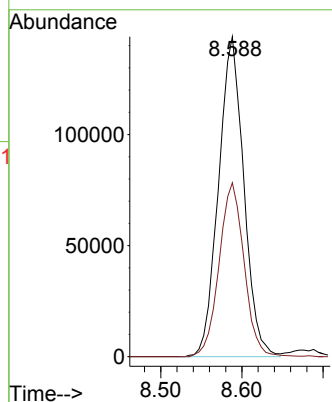
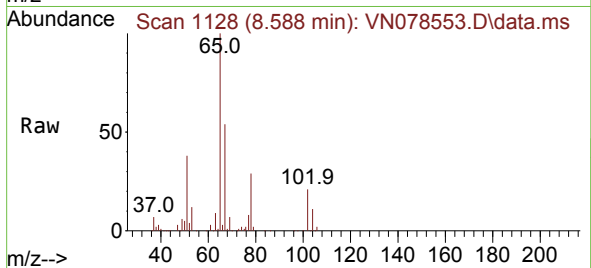
VN0718WBS01

Tgt Ion: 65 Resp: 311444

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

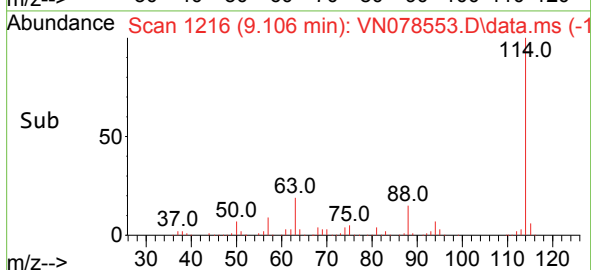
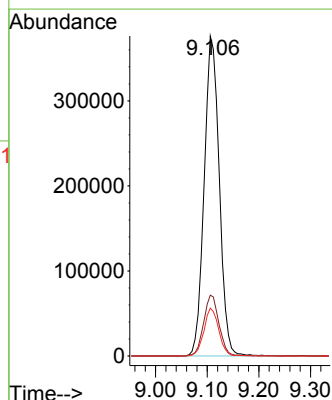
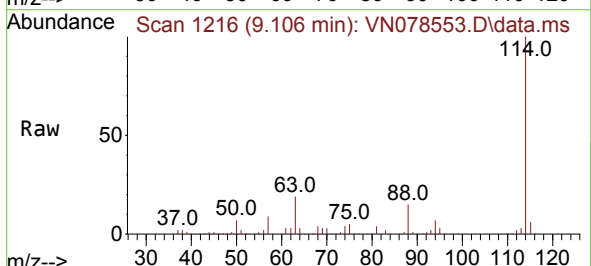
Tgt Ion: 114 Resp: 763821

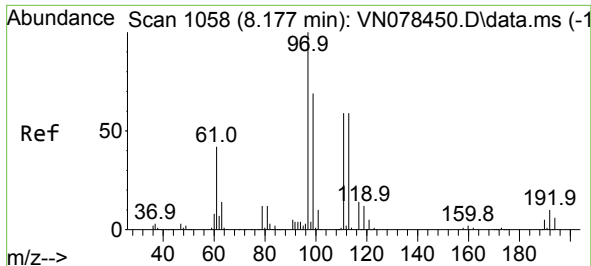
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.0 0.0 30.6

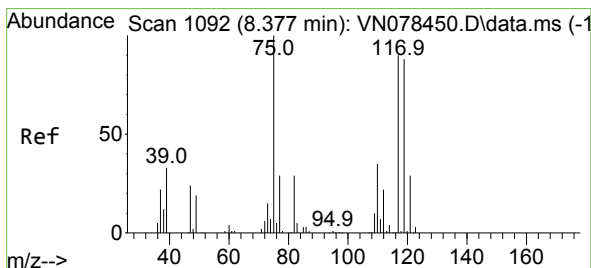
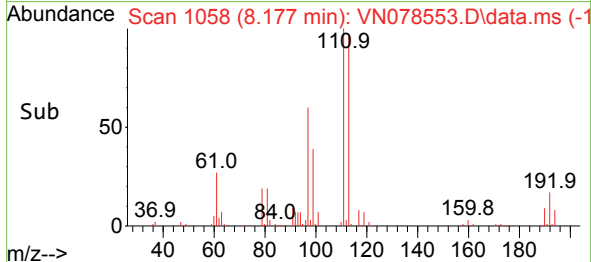
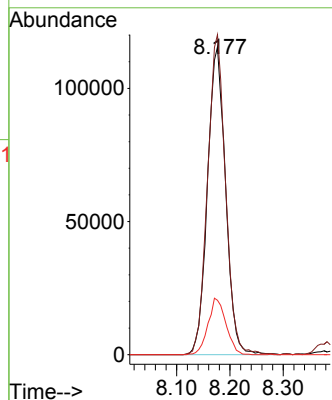
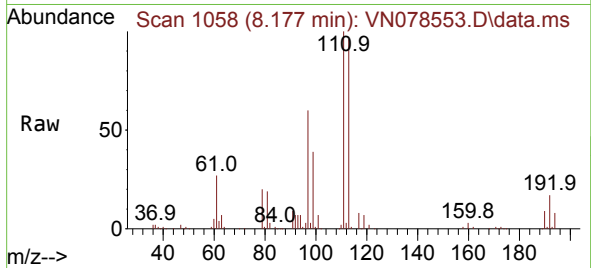




#35
Dibromofluoromethane
Concen: 52.636 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

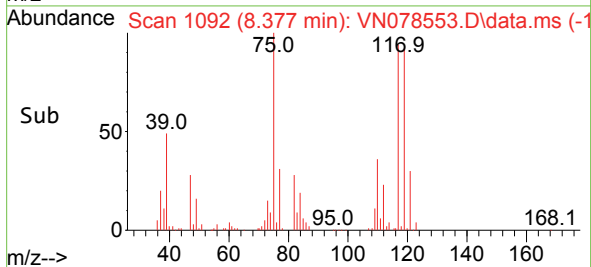
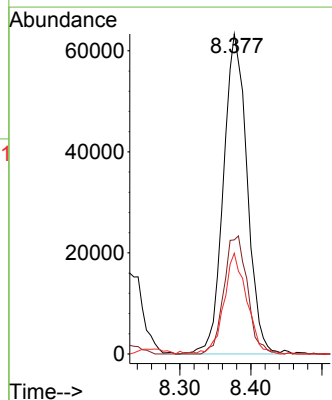
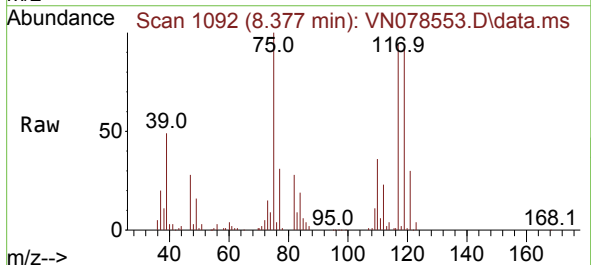
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

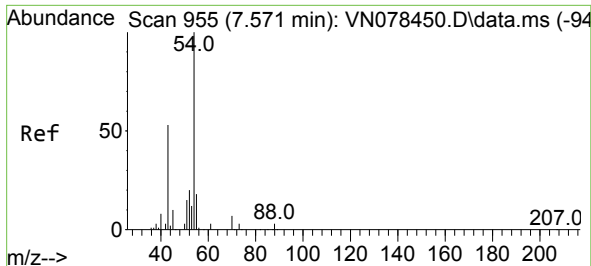
Tgt Ion:113 Resp: 272920
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 18.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.568 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 75 Resp: 146501
Ion Ratio Lower Upper
75 100
110 36.7 19.1 57.3
77 30.3 25.0 37.4

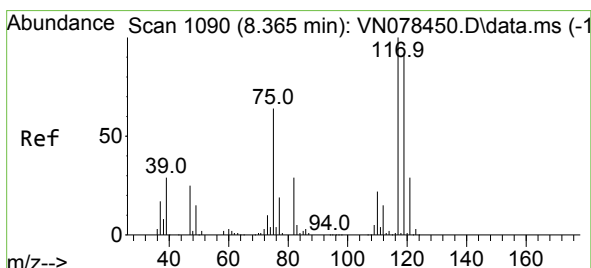
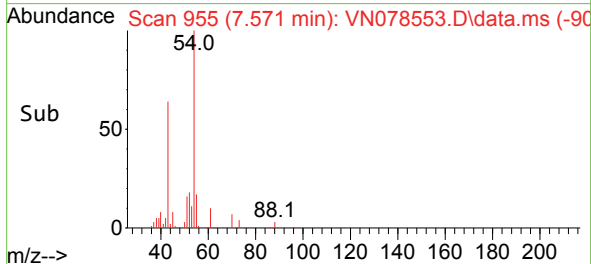
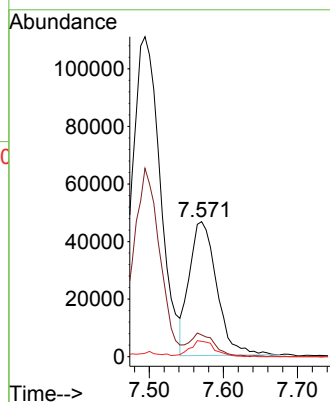
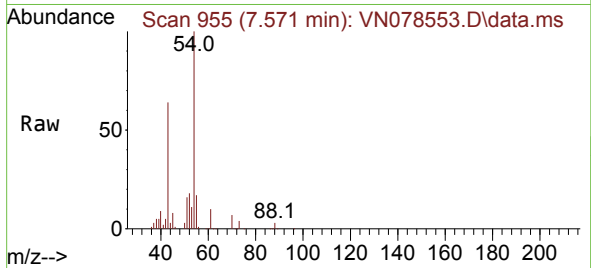




#37
Ethyl Acetate
Concen: 19.188 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

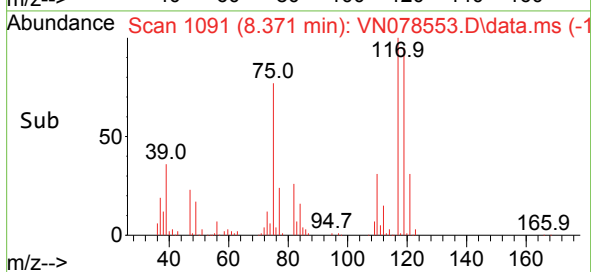
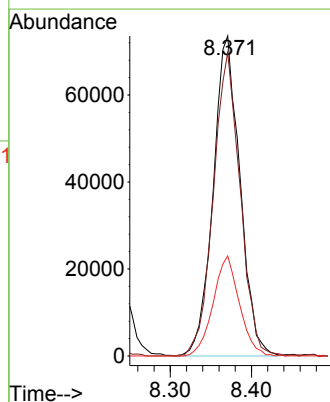
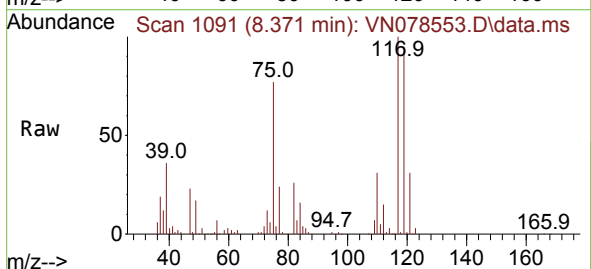
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

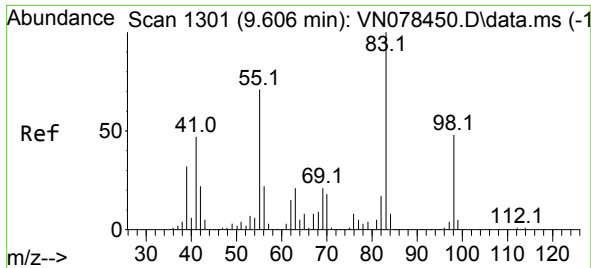
Tgt Ion: 43 Resp: 119755
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 10.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 20.738 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 117 Resp: 168744
Ion Ratio Lower Upper
117 100
119 94.5 77.3 115.9
121 31.3 23.3 34.9

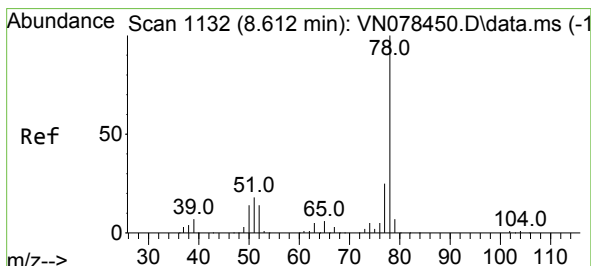
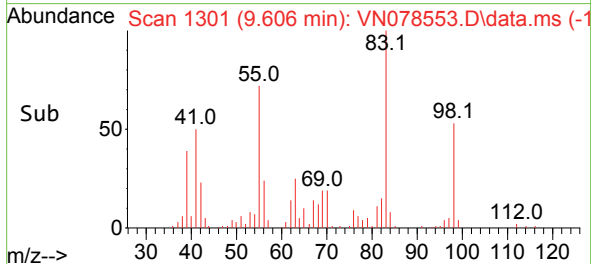
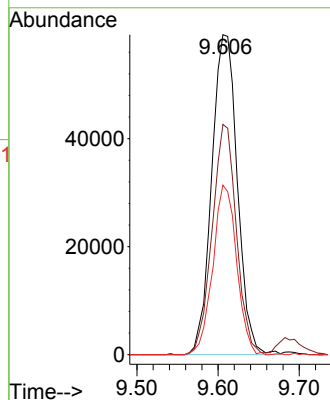
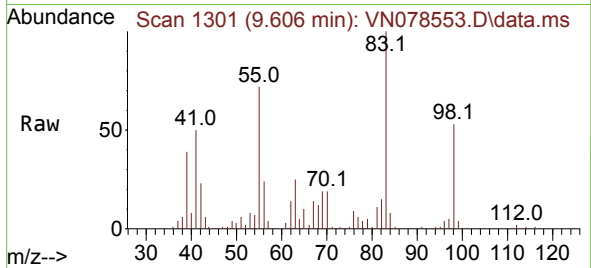




#39
Methylcyclohexane
Concen: 19.013 ug/l
RT: 9.606 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

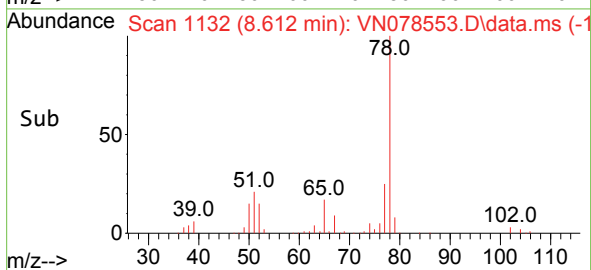
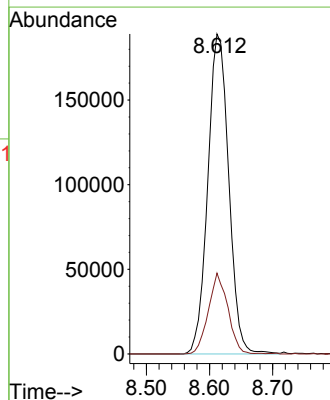
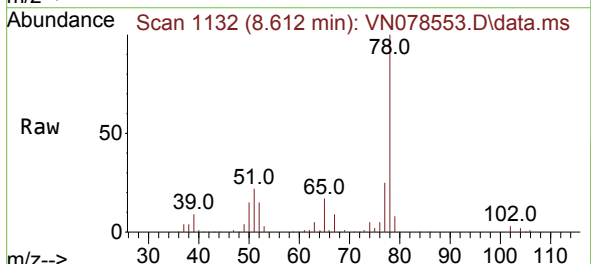
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tgt Ion: 83 Resp: 129934
Ion Ratio Lower Upper
83 100
55 71.9 49.1 73.7
98 53.0 40.6 61.0



#40
Benzene
Concen: 19.646 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 78 Resp: 435746
Ion Ratio Lower Upper
78 100
77 25.3 19.0 28.6

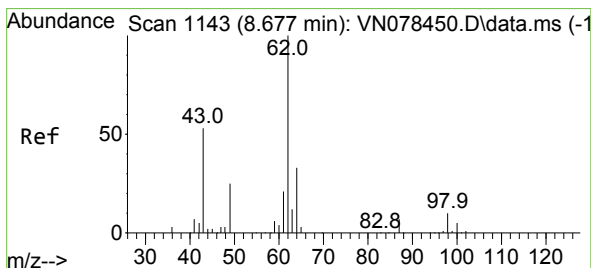
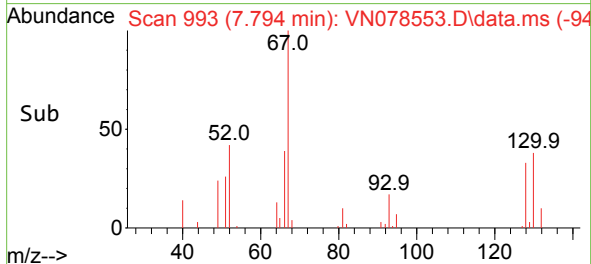
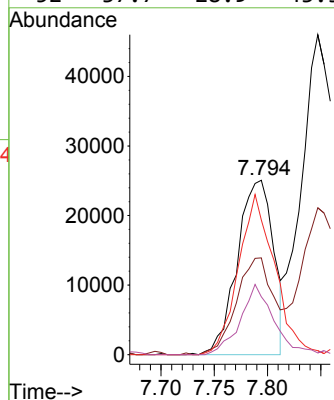
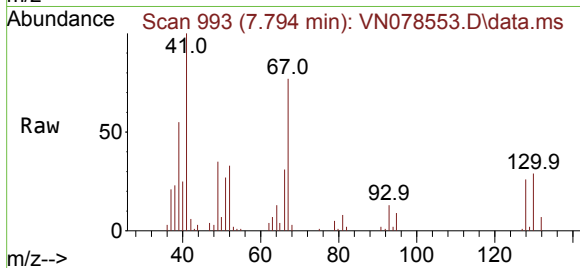




#41
Methacrylonitrile
Concen: 18.645 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

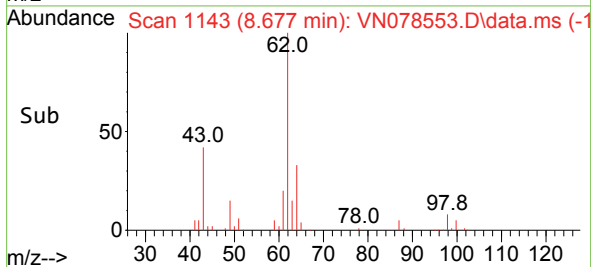
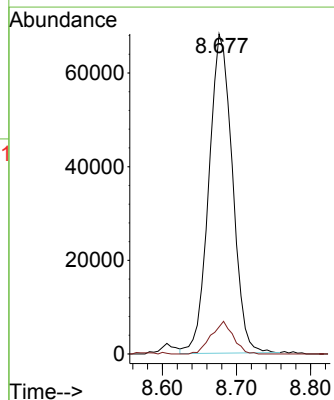
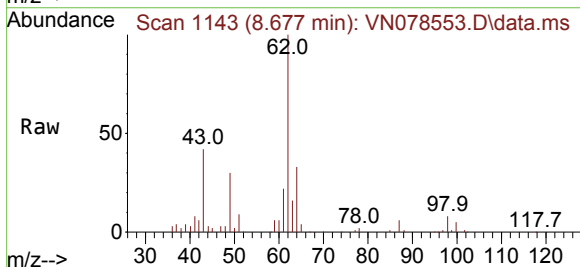
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

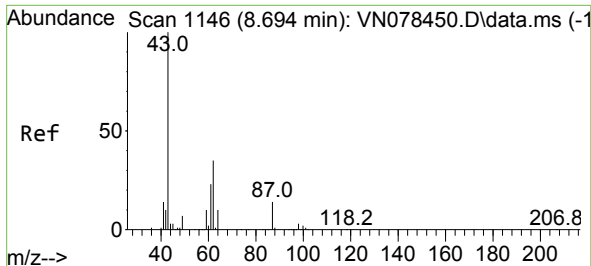
Tgt Ion:	41	Resp:	59321
Ion	Ratio	Lower	Upper
41	100		
39	55.8	42.6	64.0
67	91.9	77.5	116.3
52	37.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.955 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion:	62	Resp:	150545
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

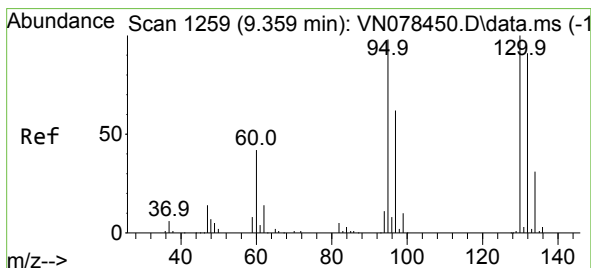
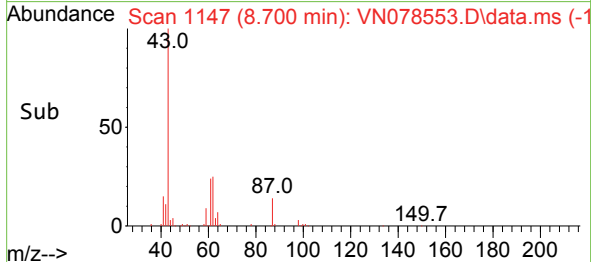
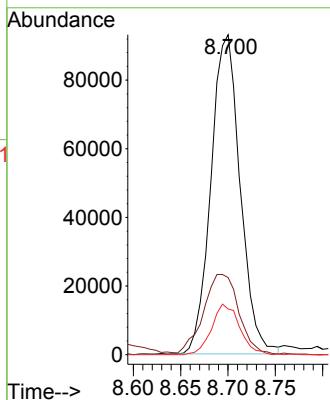
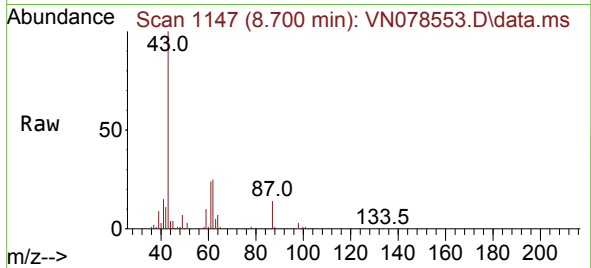




#43
Isopropyl Acetate
Concen: 19.448 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

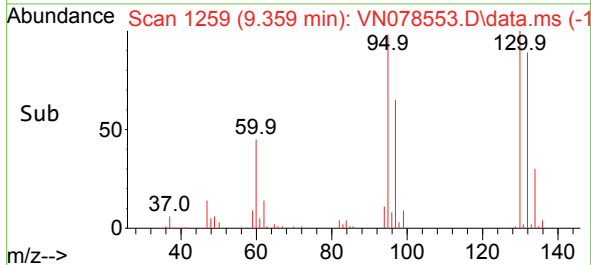
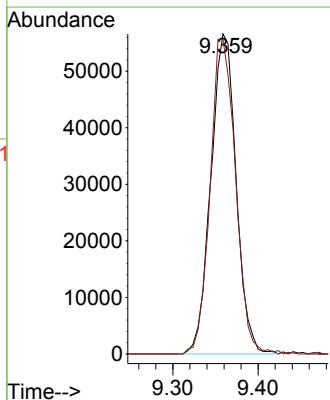
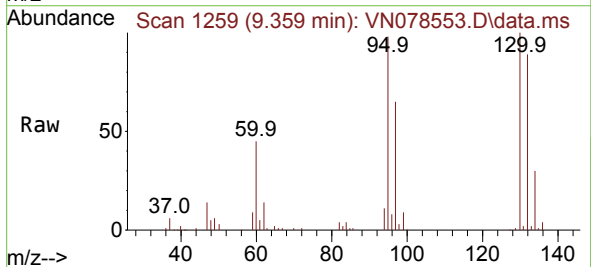
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

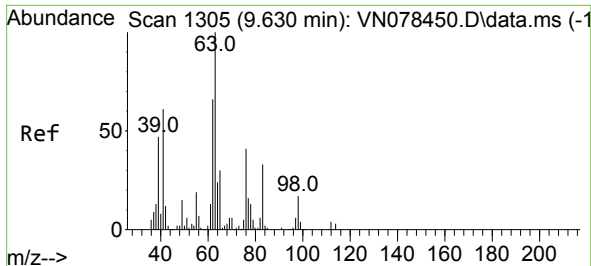
Tgt Ion: 43 Resp: 199831
Ion Ratio Lower Upper
43 100
61 30.0 24.7 37.1
87 15.2 14.6 21.8



#44
Trichloroethene
Concen: 19.507 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion:130 Resp: 116614
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.882 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.007 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

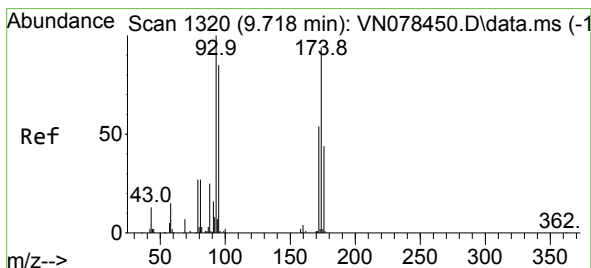
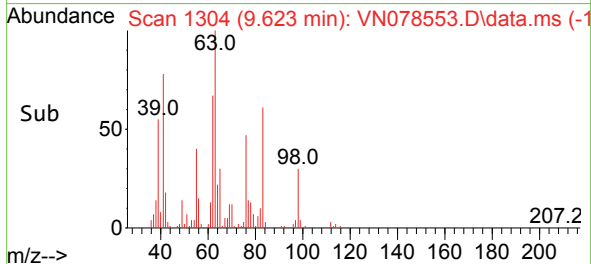
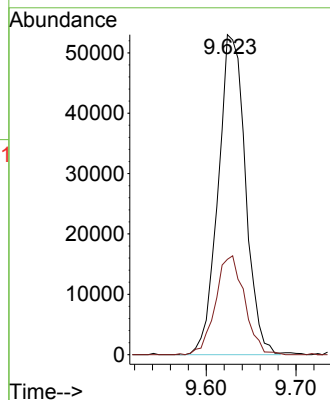
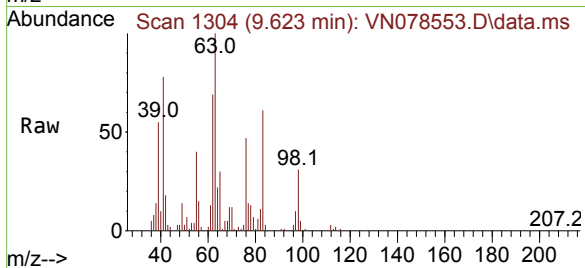
VN0718WBS01

Tgt Ion: 63 Resp: 111687

Ion Ratio Lower Upper

63 100

65 29.5 23.9 35.9



#46

Dibromomethane

Concen: 20.790 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

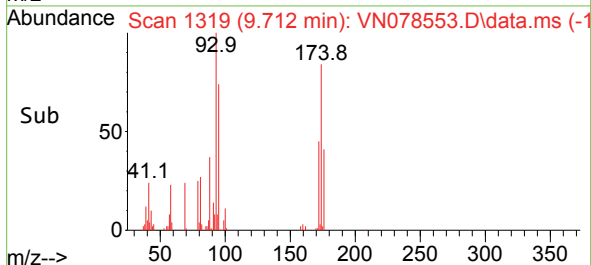
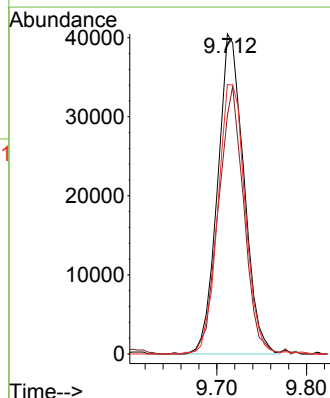
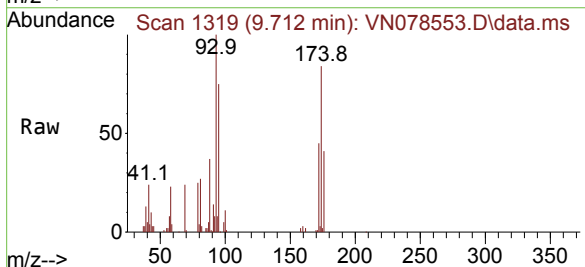
Tgt Ion: 93 Resp: 82199

Ion Ratio Lower Upper

93 100

95 80.5 63.8 95.8

174 87.8 65.6 98.4

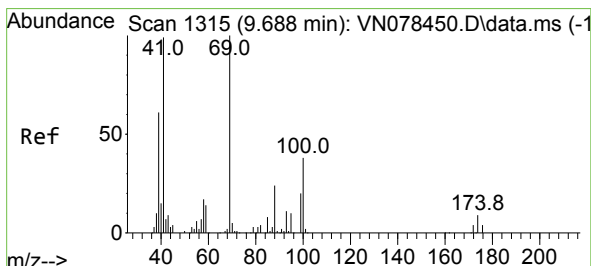
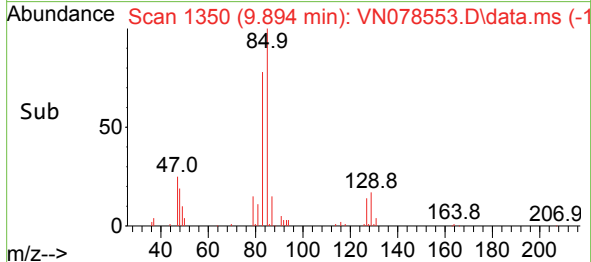
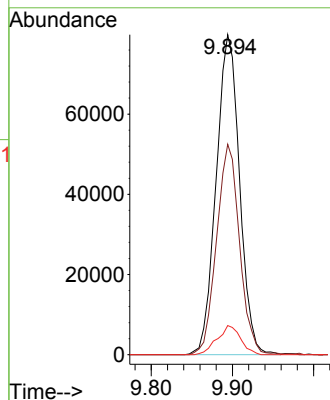
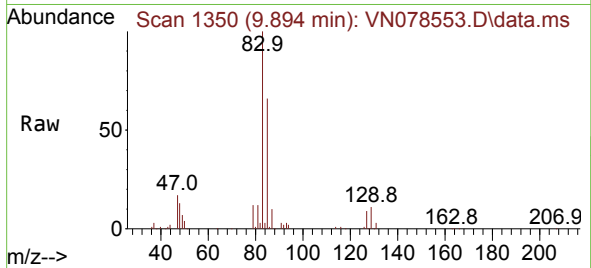




#47
Bromodichloromethane
Concen: 20.168 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

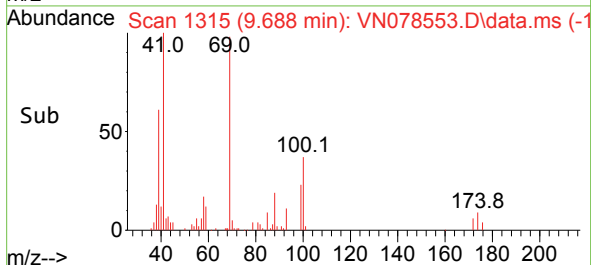
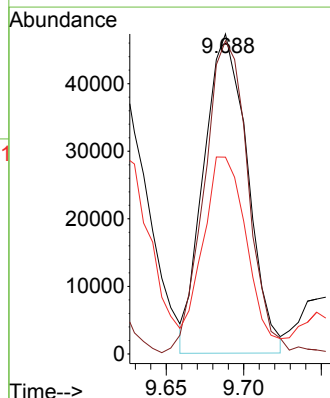
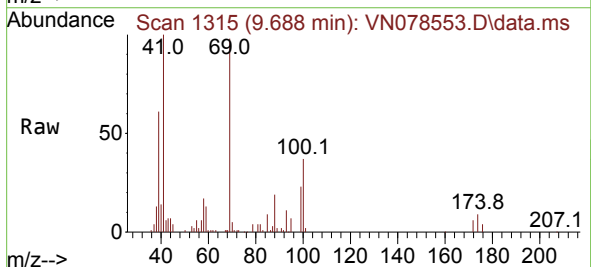
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

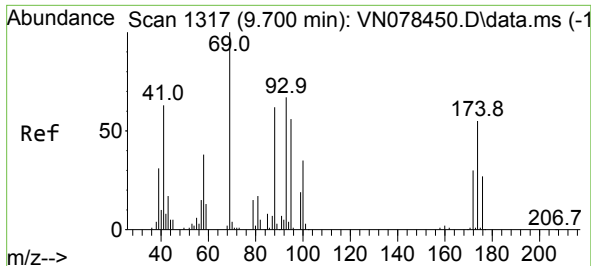
Tgt Ion: 83 Resp: 159847
Ion Ratio Lower Upper
83 100
85 65.7 49.6 74.4
127 9.1 7.0 10.6



#48
Methyl methacrylate
Concen: 19.505 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 41 Resp: 92850
Ion Ratio Lower Upper
41 100
69 99.5 90.4 135.6
39 62.2 54.6 81.8





#49

1,4-Dioxane

Concen: 380.235 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078553.D

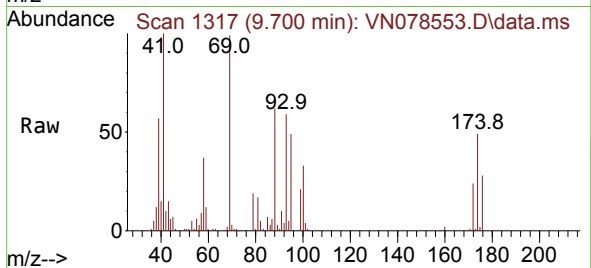
Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01



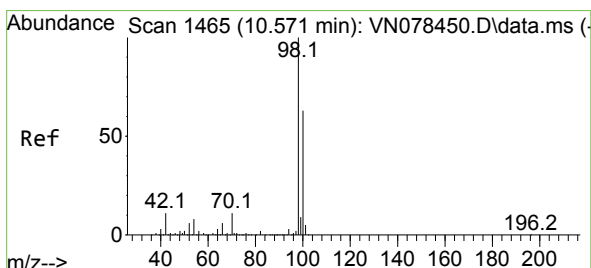
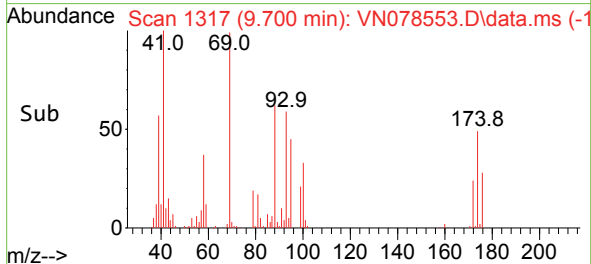
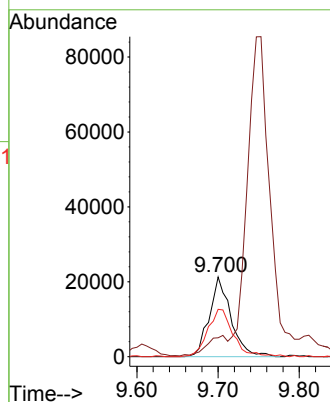
Tgt Ion: 88 Resp: 39474

Ion Ratio Lower Upper

88 100

43 23.7 17.0 25.6

58 70.0 47.0 70.4



#50

Toluene-d8

Concen: 51.412 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.001 min

Lab File: VN078553.D

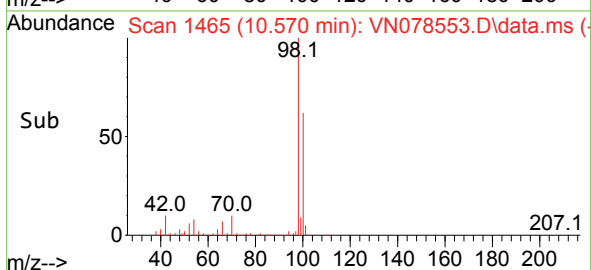
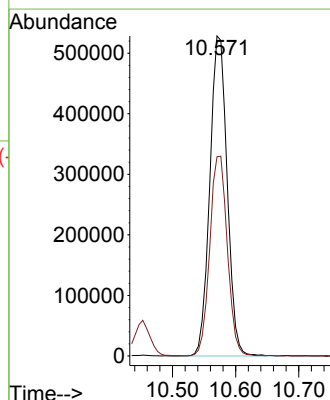
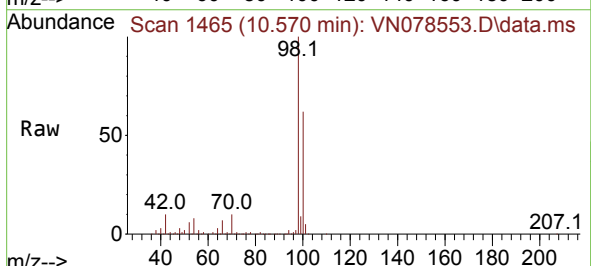
Acq: 18 Jul 2023 11:51

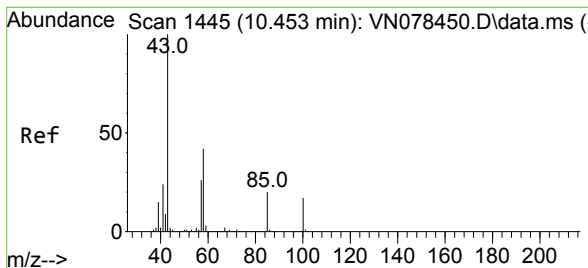
Tgt Ion: 98 Resp: 1007046

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

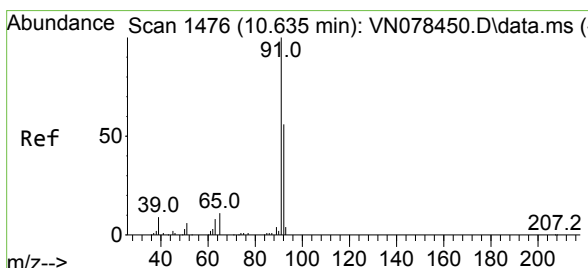
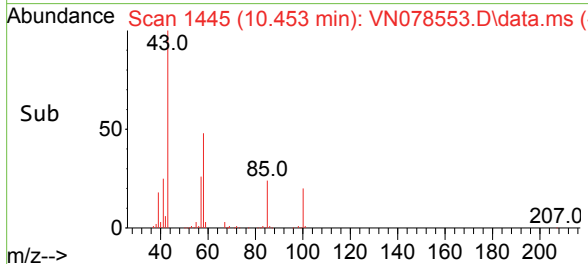
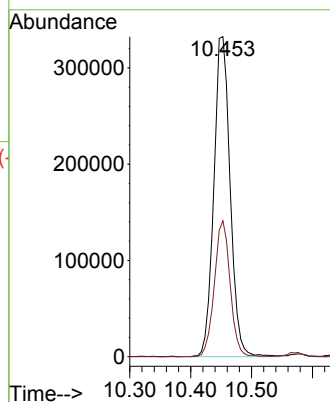
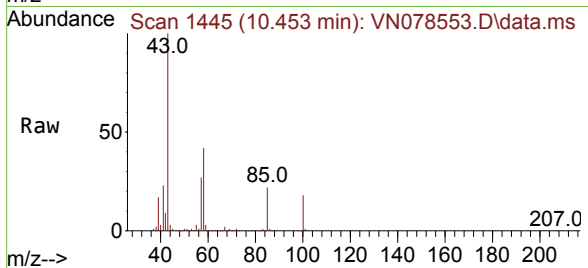




#51
4-Methyl-2-Pentanone
Concen: 101.381 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

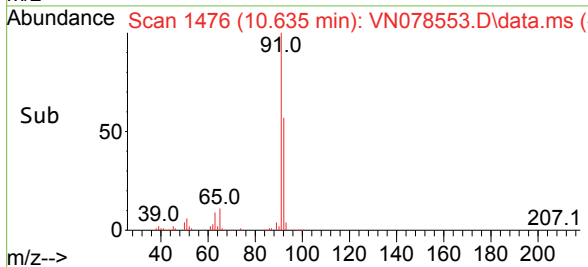
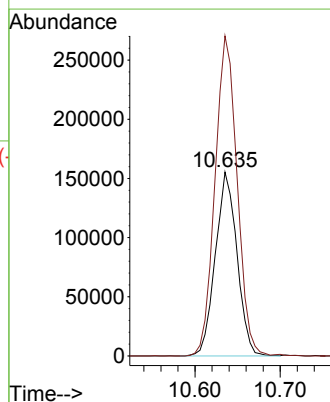
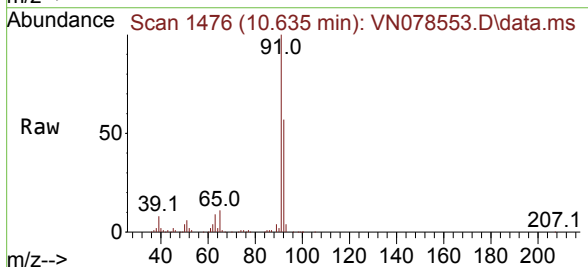
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

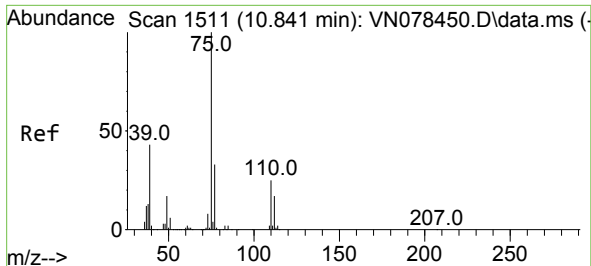
Tgt Ion: 43 Resp: 619621
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8



#52
Toluene
Concen: 19.978 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 92 Resp: 274627
Ion Ratio Lower Upper
92 100
91 178.2 137.4 206.0

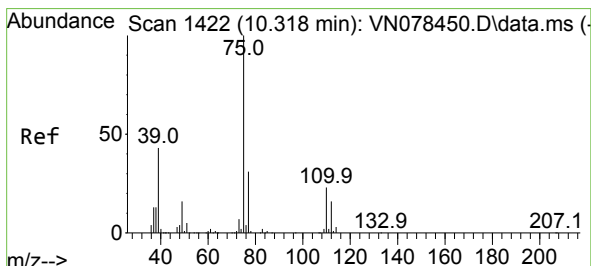
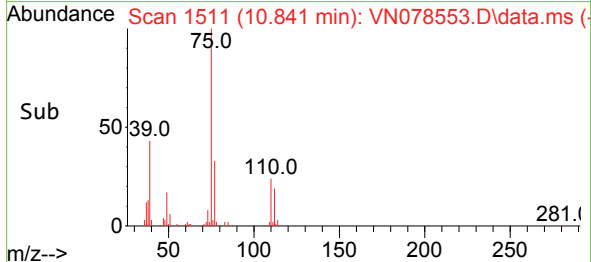
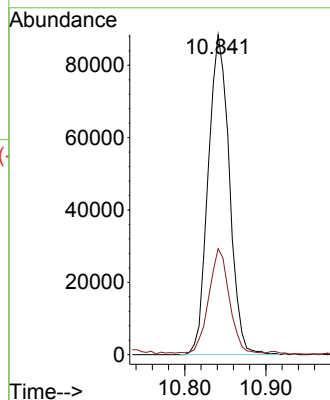
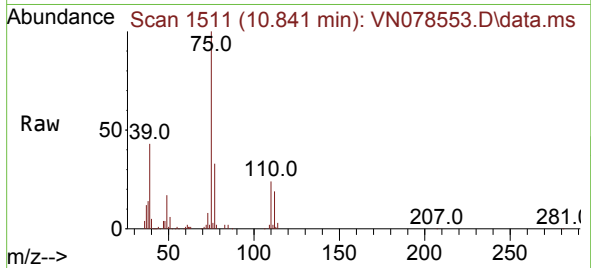




#53
 t-1,3-Dichloropropene
 Concen: 19.719 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

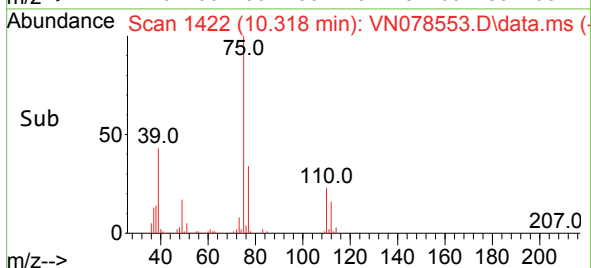
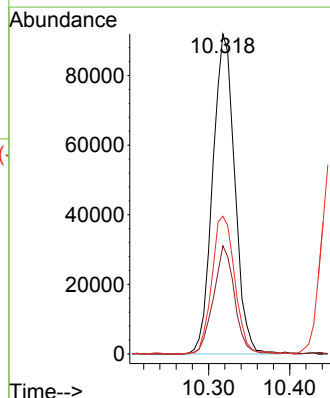
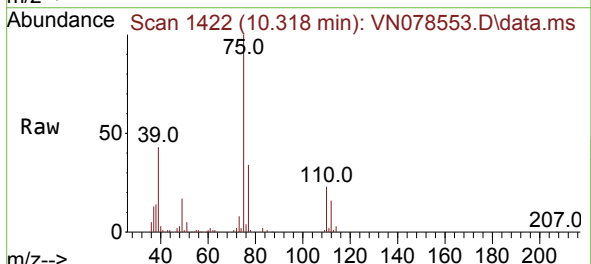
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

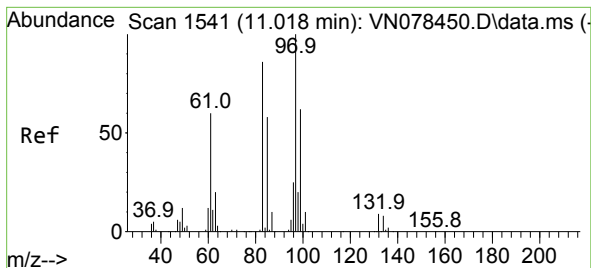
Tgt Ion: 75 Resp: 160109
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.066 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

Tgt Ion: 75 Resp: 173676
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.1 39.1
 39 43.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.081 ug/l

RT: 11.018 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

Tgt Ion: 97 Resp: 114177

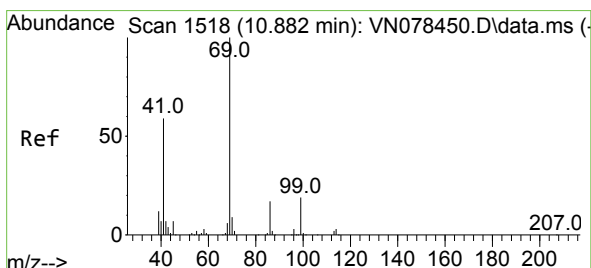
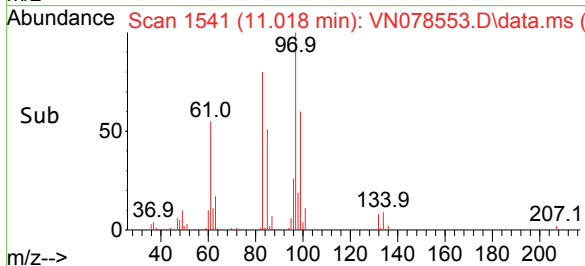
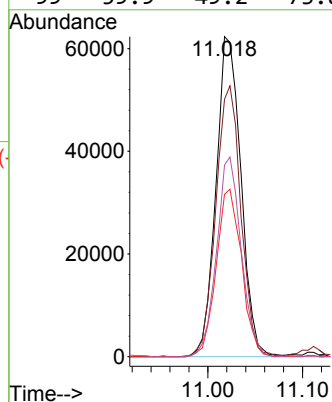
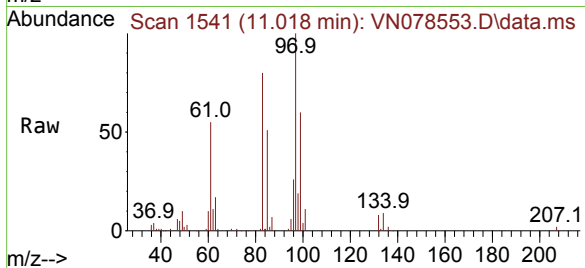
Ion Ratio Lower Upper

97 100

83 80.5 65.1 97.7

85 50.8 43.4 65.2

99 59.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.378 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

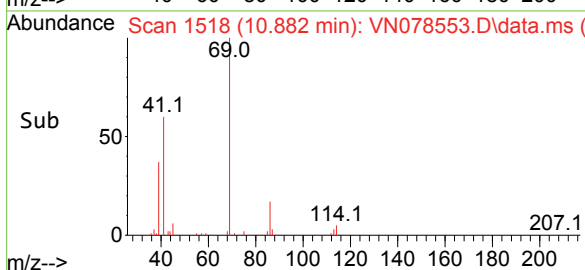
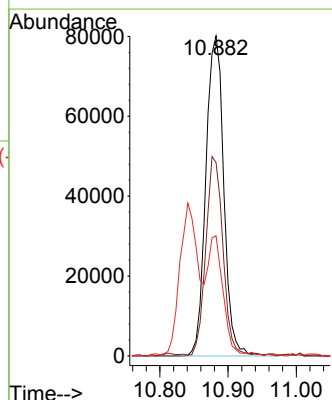
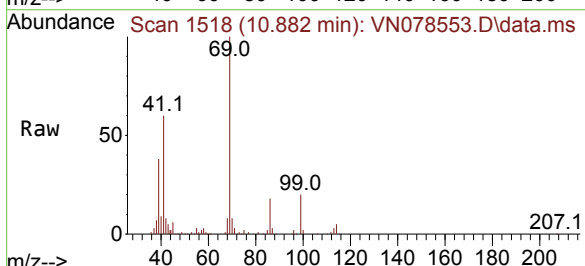
Tgt Ion: 69 Resp: 146713

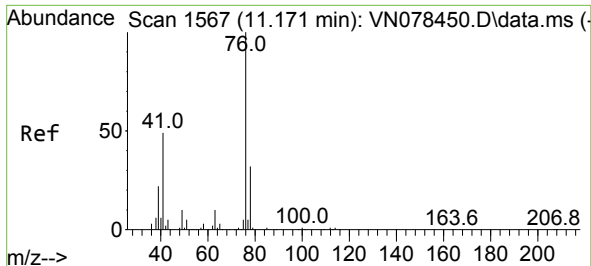
Ion Ratio Lower Upper

69 100

41 59.1 39.6 59.4

39 31.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.874 ug/l

RT: 11.170 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

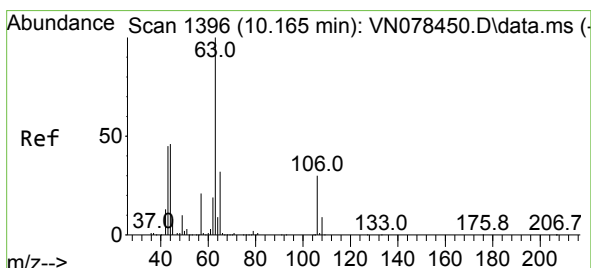
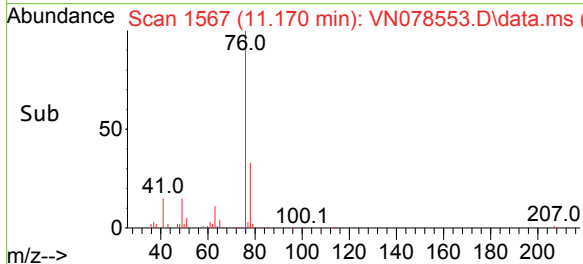
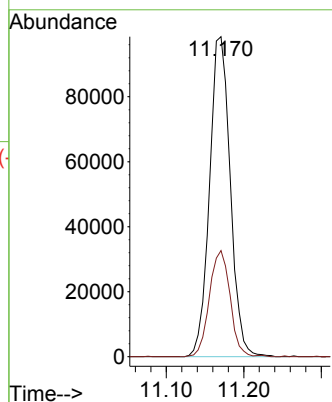
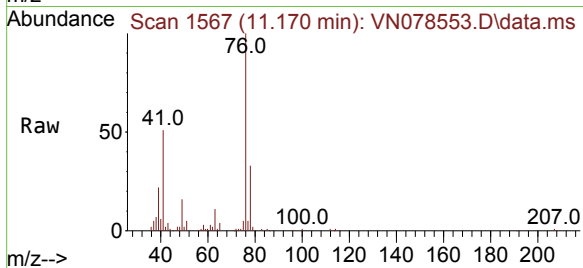
VN0718WBS01

Tgt Ion: 76 Resp: 183023

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 95.337 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078553.D

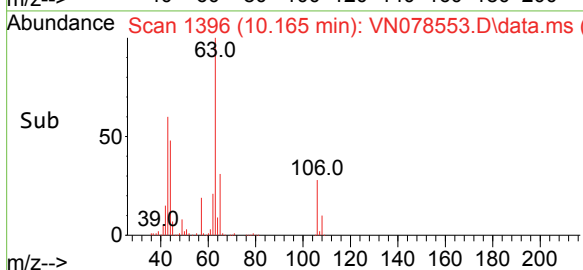
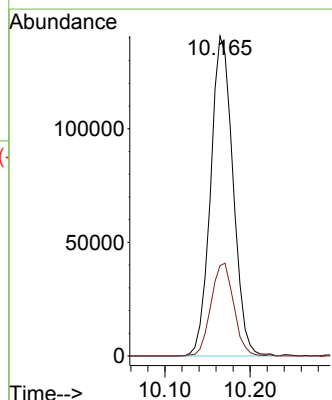
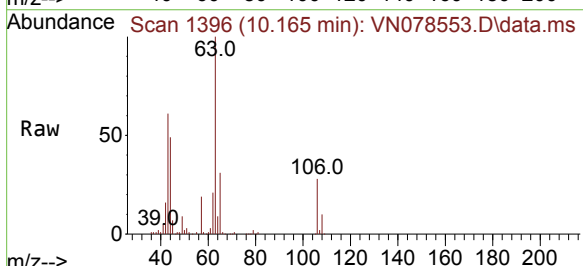
Acq: 18 Jul 2023 11:51

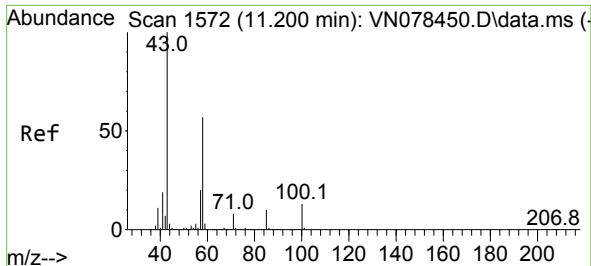
Tgt Ion: 63 Resp: 257233

Ion Ratio Lower Upper

63 100

106 29.5 26.2 39.4

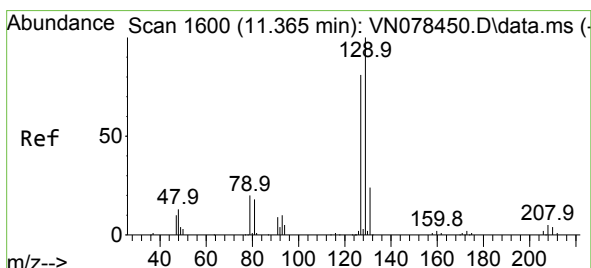
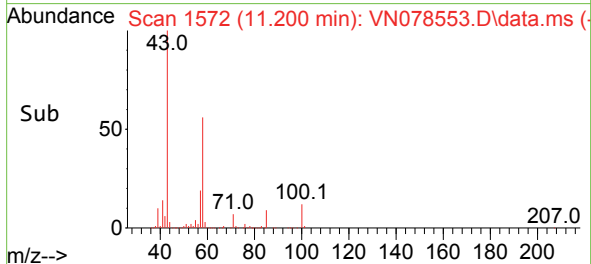
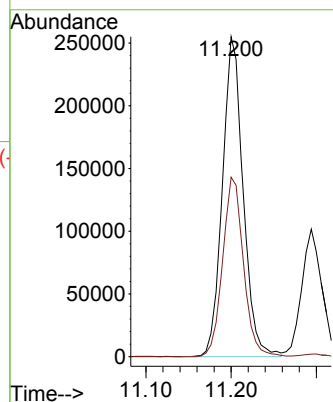
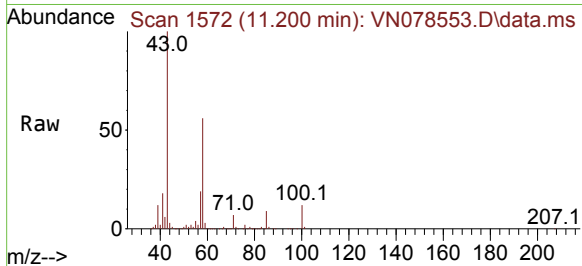




#59
2-Hexanone
Concen: 99.162 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

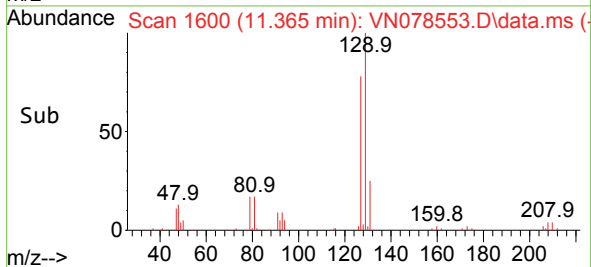
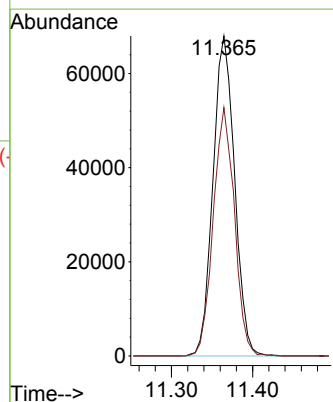
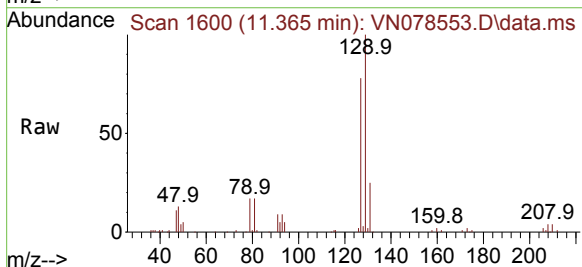
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

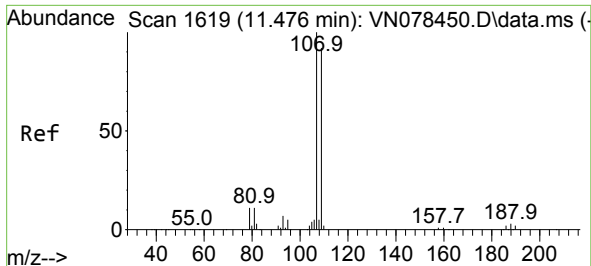
Tgt Ion: 43 Resp: 430730
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1



#60
Dibromochloromethane
Concen: 21.046 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 129 Resp: 125843
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0

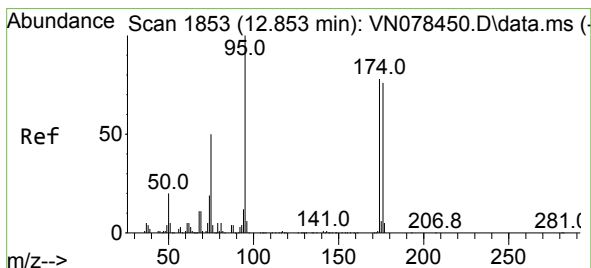
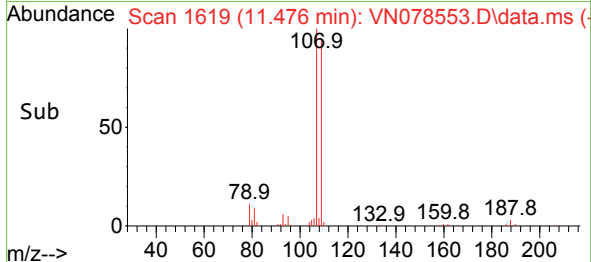
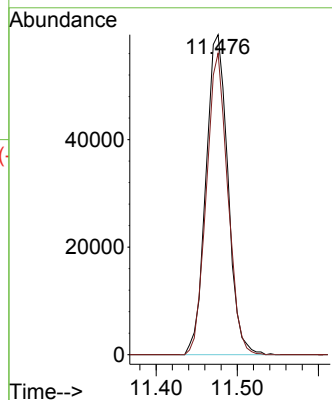
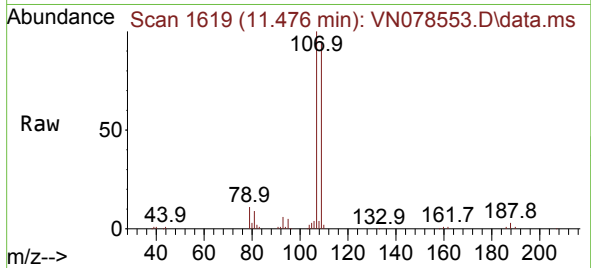




#61
1,2-Dibromoethane
Concen: 20.049 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

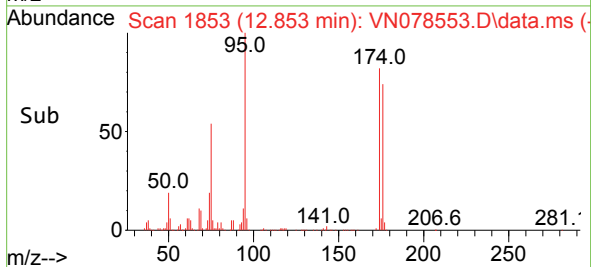
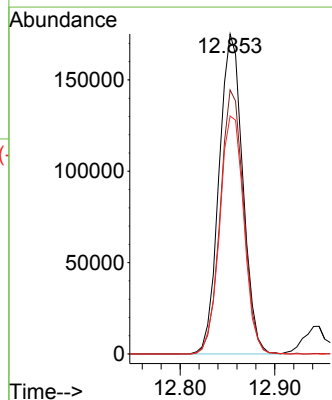
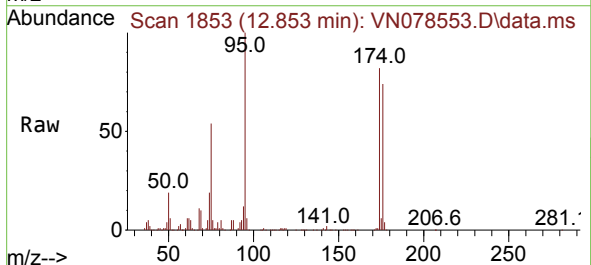
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

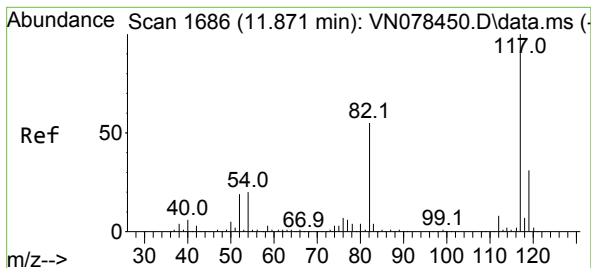
Tgt Ion:107 Resp: 111859
Ion Ratio Lower Upper
107 100
109 91.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.530 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 95 Resp: 304869
Ion Ratio Lower Upper
95 100
174 81.3 0.0 143.8
176 75.8 0.0 135.8

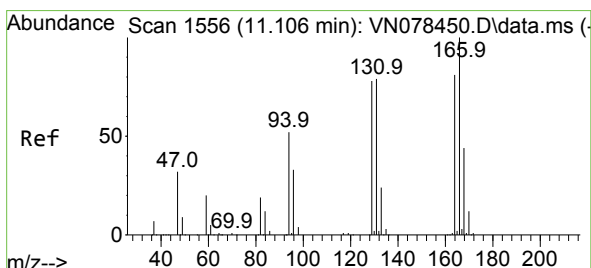
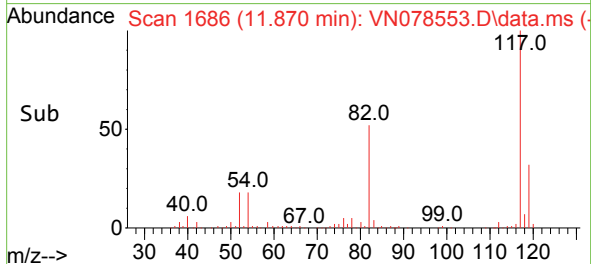
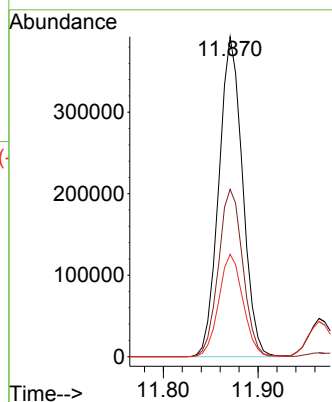
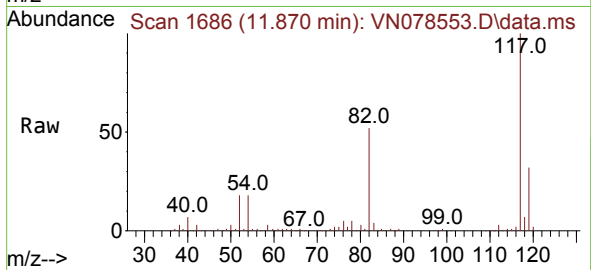




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

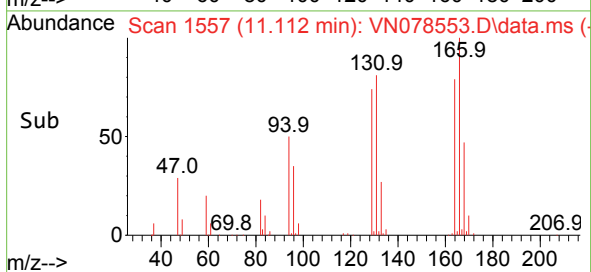
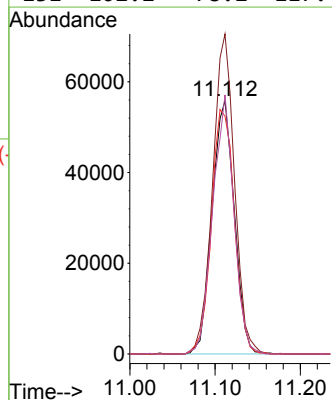
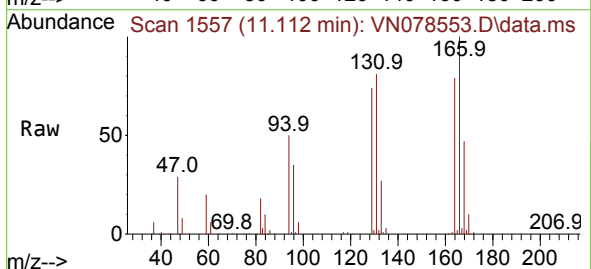
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

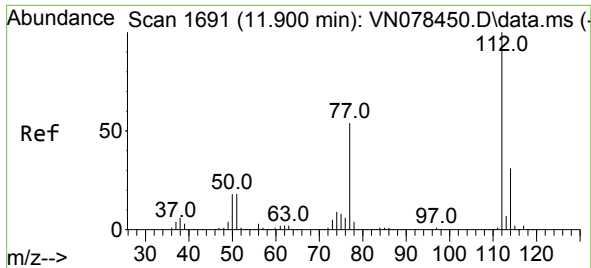
Tgt Ion:117 Resp: 683871
Ion Ratio Lower Upper
117 100
82 52.3 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 19.786 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion:164 Resp: 101729
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 93.9 82.4 123.6
131 102.2 78.2 117.4

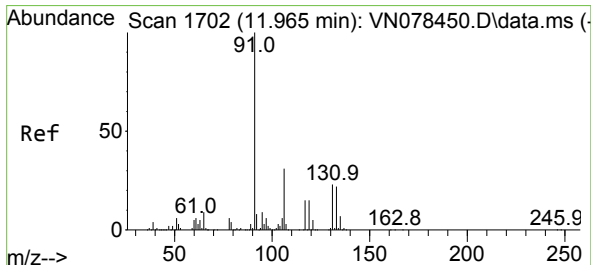
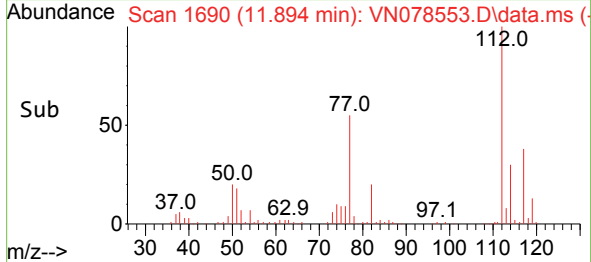
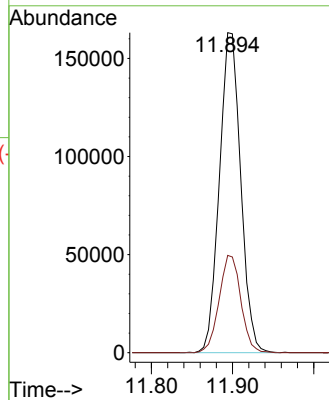
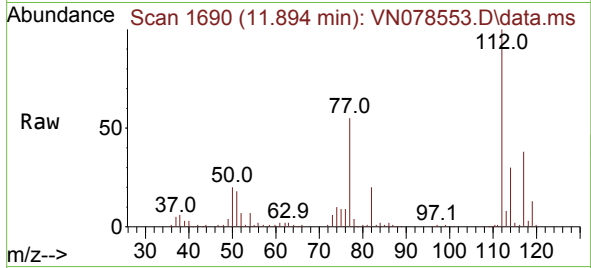




#65
Chlorobenzene
Concen: 19.476 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

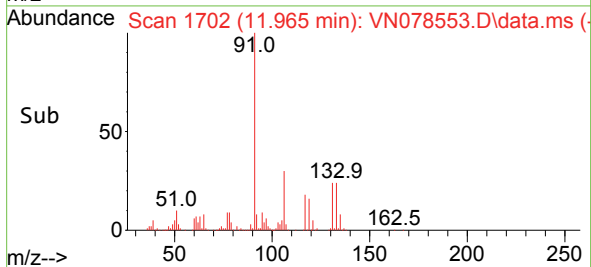
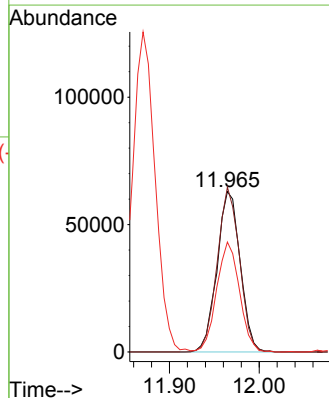
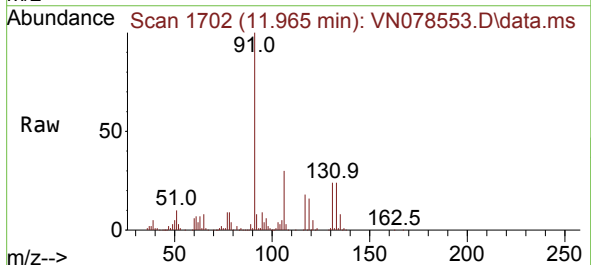
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

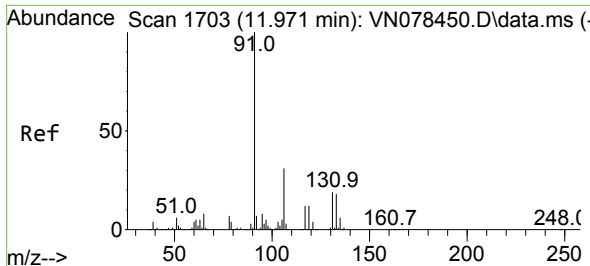
Tgt Ion:112 Resp: 297716
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.210 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion:131 Resp: 112965
Ion Ratio Lower Upper
131 100
133 98.9 46.4 139.1
119 67.5 34.1 102.2

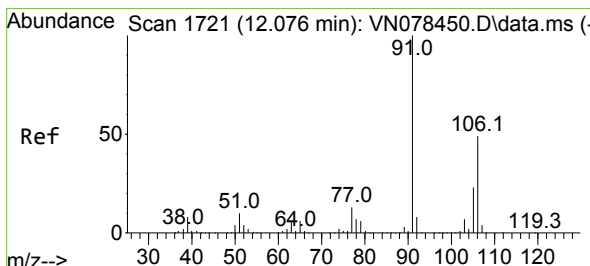
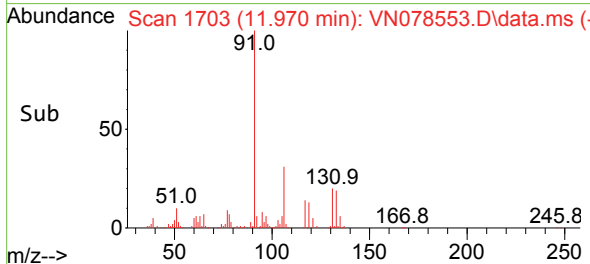
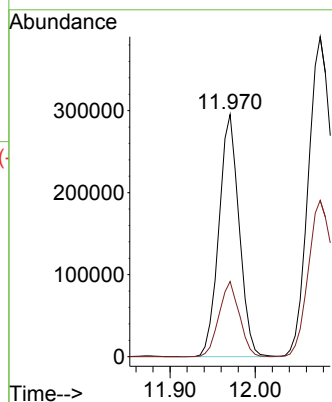
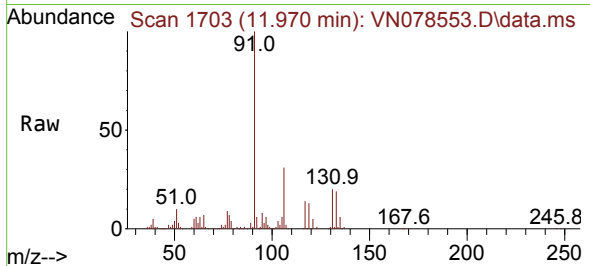




#67
Ethyl Benzene
Concen: 18.805 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

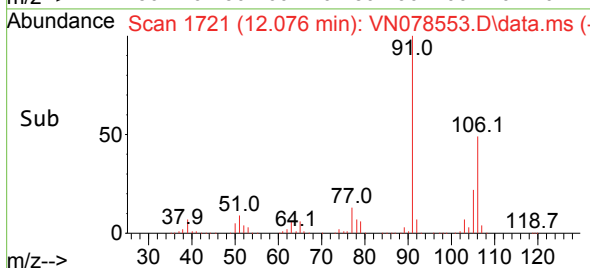
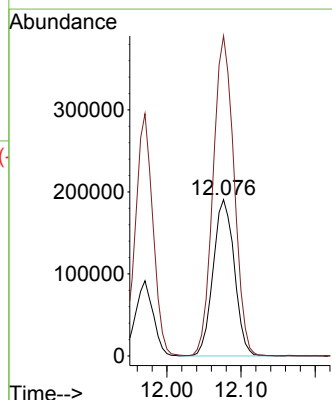
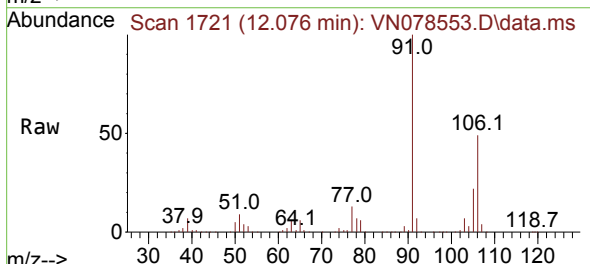
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

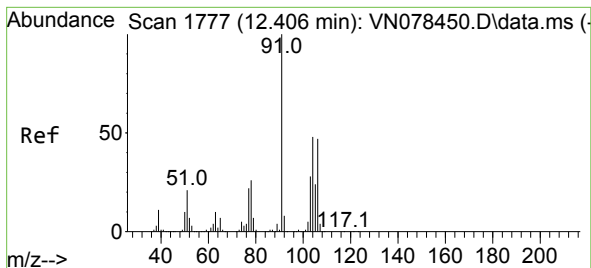
Tgt Ion: 91 Resp: 485902
Ion Ratio Lower Upper
91 100
106 31.0 25.6 38.4



#68
m/p-Xylenes
Concen: 39.673 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion:106 Resp: 379007
Ion Ratio Lower Upper
106 100
91 201.7 159.6 239.4





#69

o-Xylene

Concen: 19.634 ug/l

RT: 12.400 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

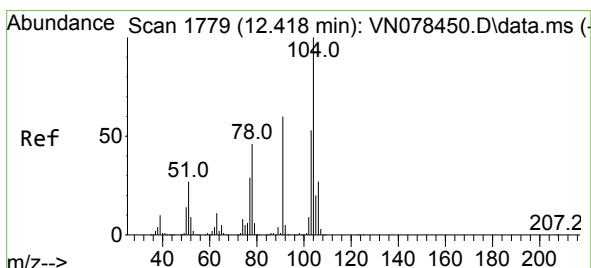
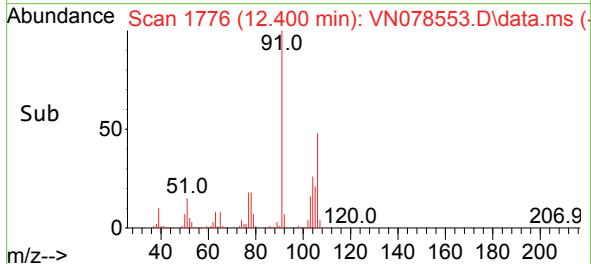
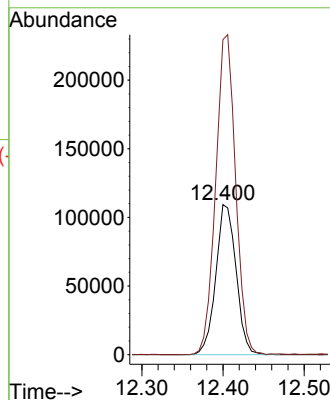
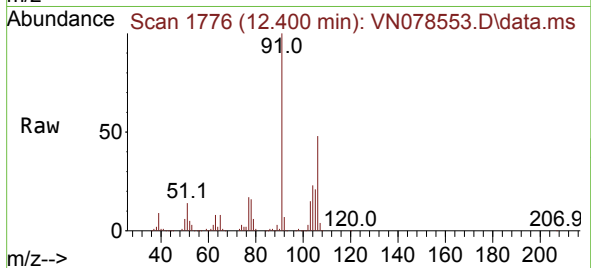
VN0718WBS01

Tgt Ion:106 Resp: 189459

Ion Ratio Lower Upper

106 100

91 210.2 105.2 315.5



#70

Styrene

Concen: 19.291 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. -0.001 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

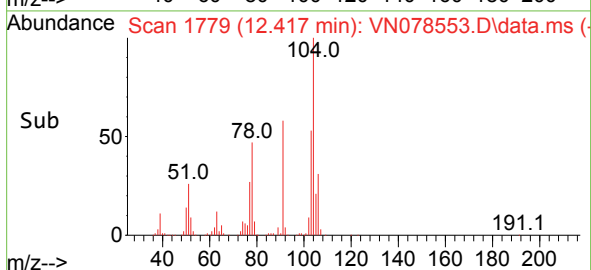
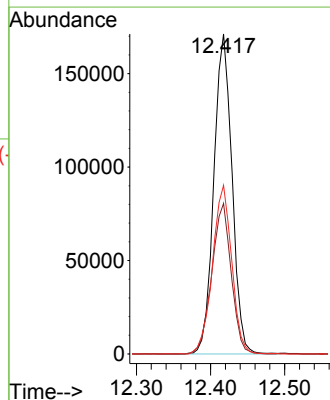
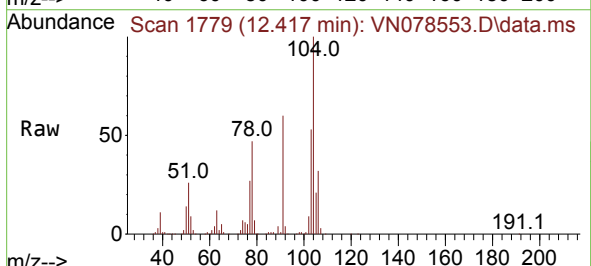
Tgt Ion:104 Resp: 291216

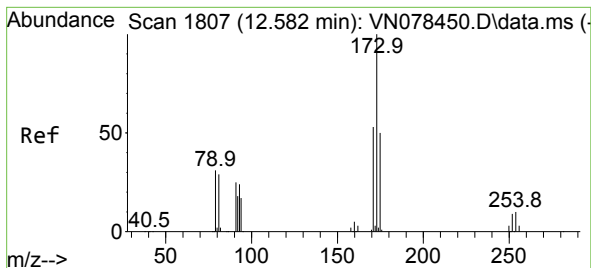
Ion Ratio Lower Upper

104 100

78 50.3 39.5 59.3

103 55.8 43.2 64.8





#71

Bromoform

Concen: 19.259 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

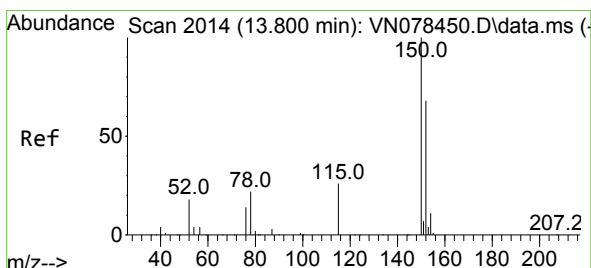
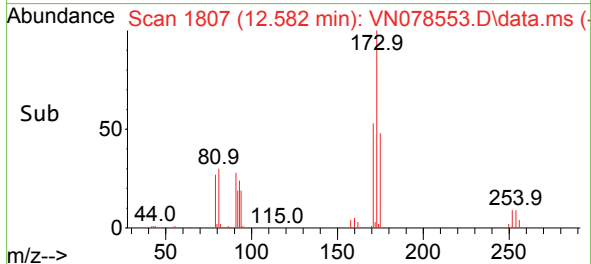
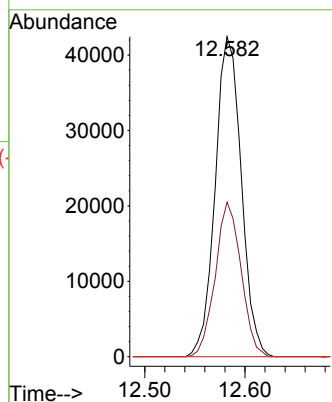
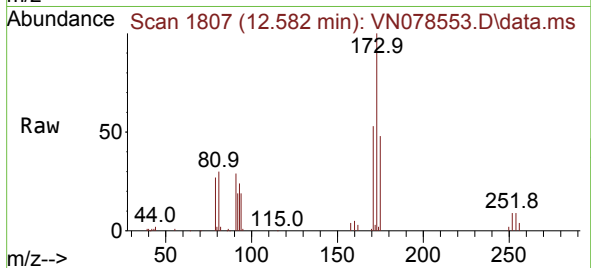
Tgt Ion:173 Resp: 76702

Ion Ratio Lower Upper

173 100

175 47.7 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

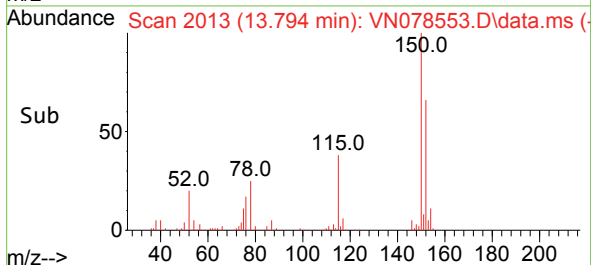
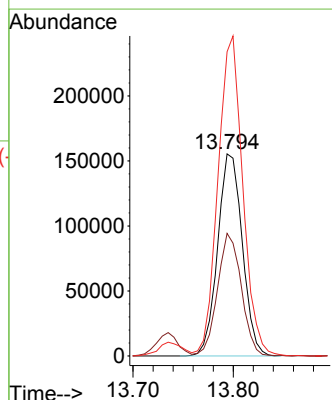
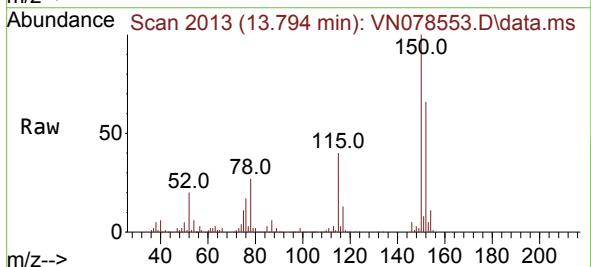
Tgt Ion:152 Resp: 265096

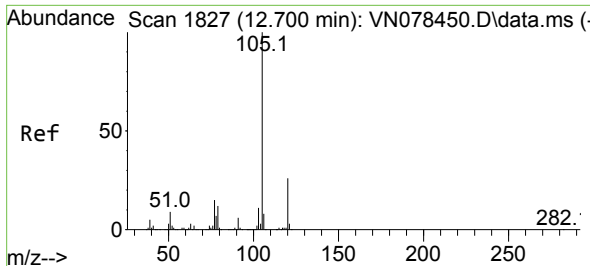
Ion Ratio Lower Upper

152 100

115 58.3 32.3 96.8

150 159.2 0.0 355.8

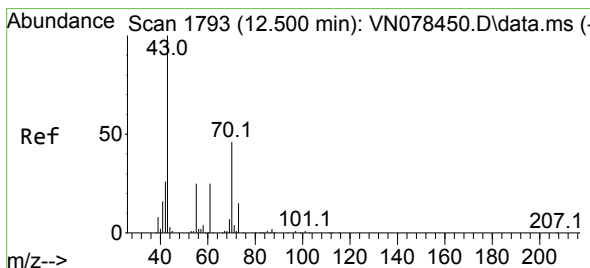
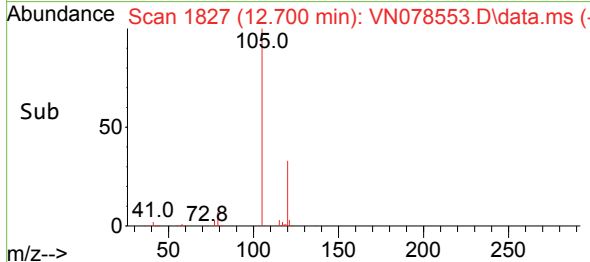
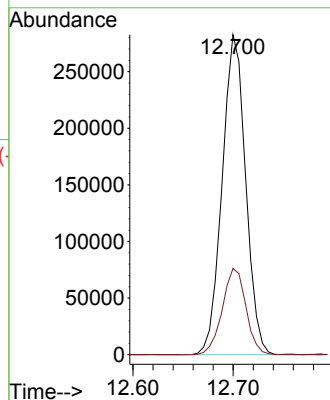
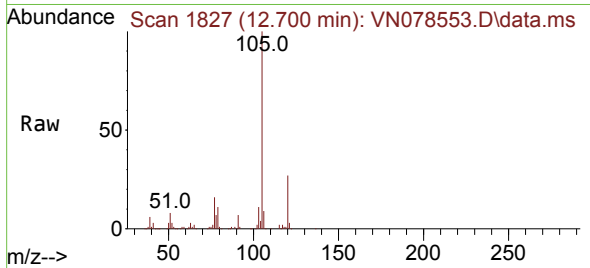




#73
Isopropylbenzene
Concen: 18.415 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

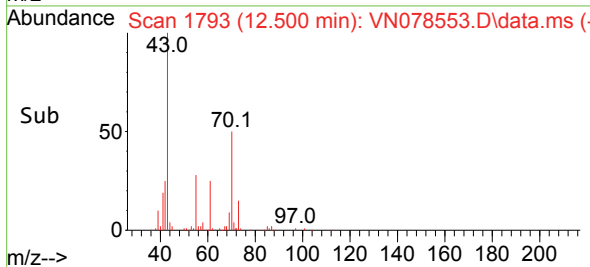
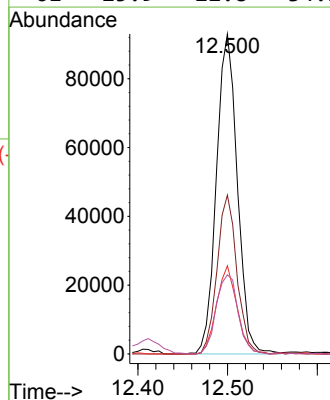
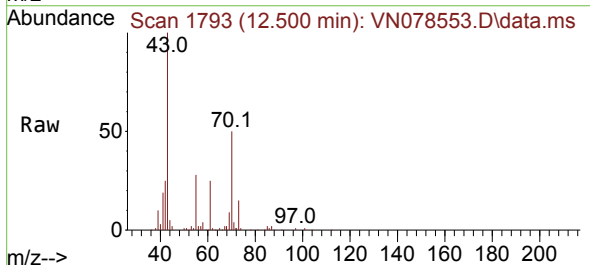
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

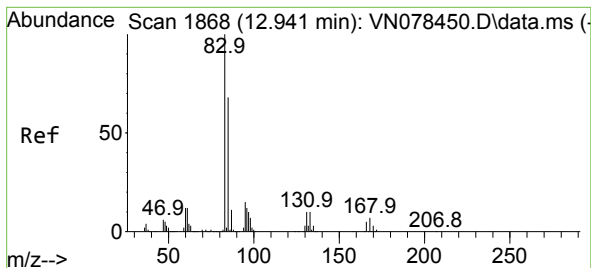
Tgt Ion:105 Resp: 458715
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1



#74
N-ethyl acetate
Concen: 17.550 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 43 Resp: 150654
Ion Ratio Lower Upper
43 100
70 46.9 43.4 65.2
55 26.9 21.4 32.0
61 25.9 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.699 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

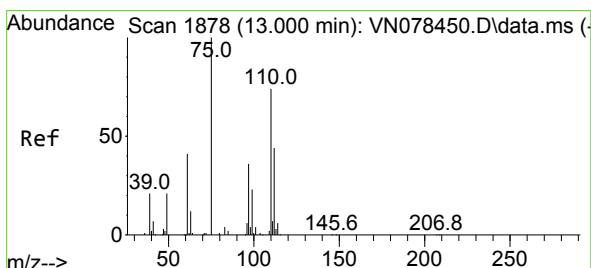
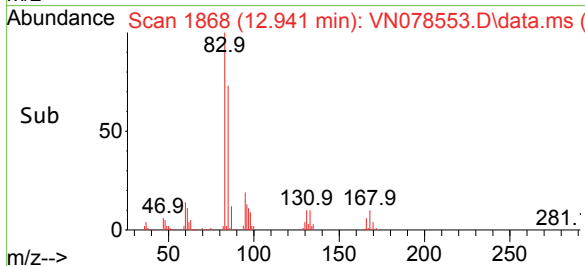
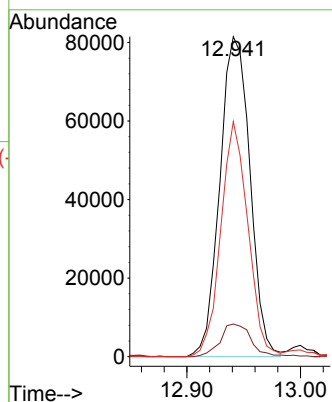
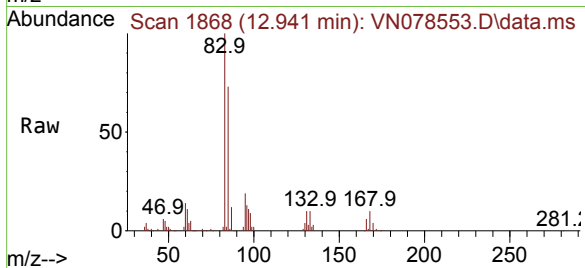
Tgt Ion: 83 Resp: 150111

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

85 66.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 27.654 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN078553.D

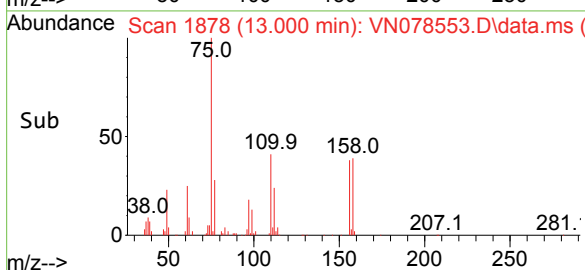
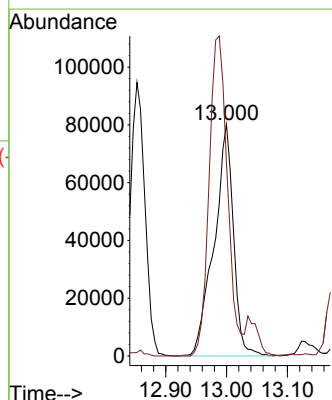
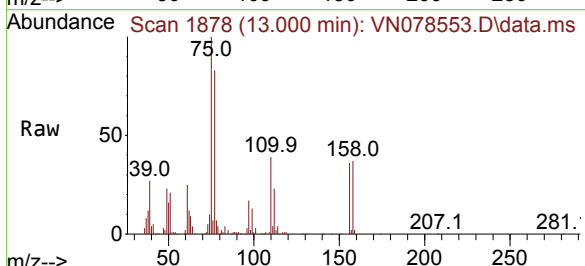
Acq: 18 Jul 2023 11:51

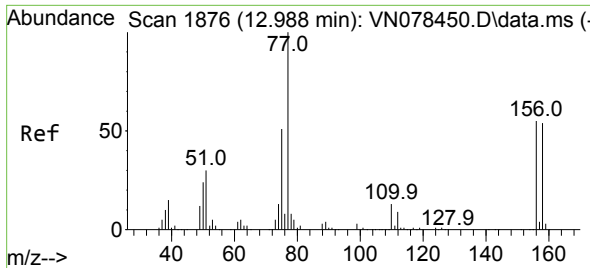
Tgt Ion: 75 Resp: 177196

Ion Ratio Lower Upper

75 100

77 131.0 84.5 253.5

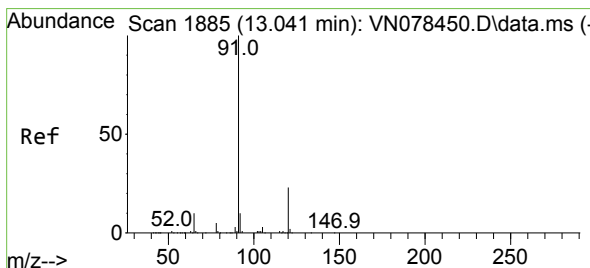
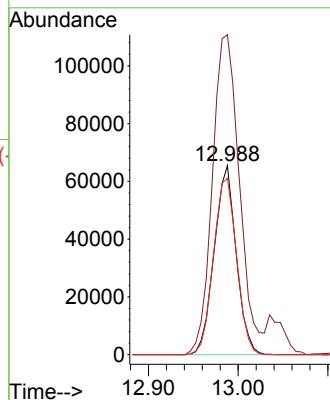
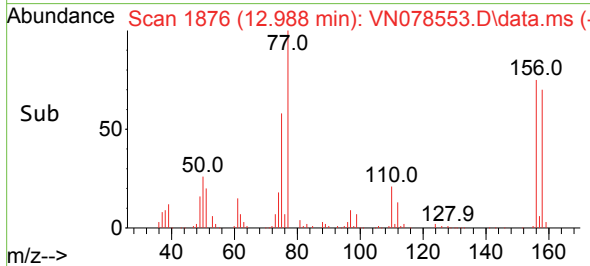
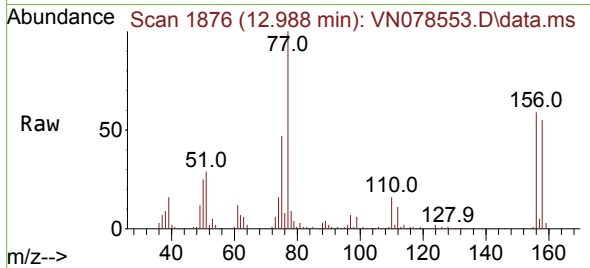




#77
Bromobenzene
Concen: 19.619 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

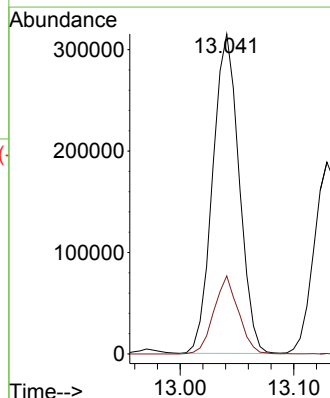
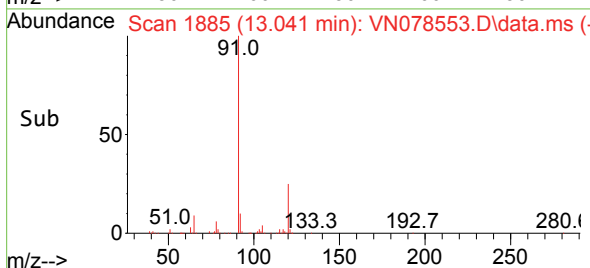
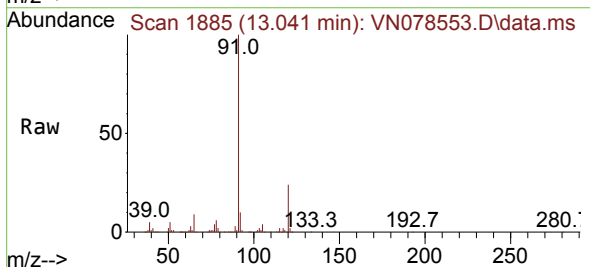
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

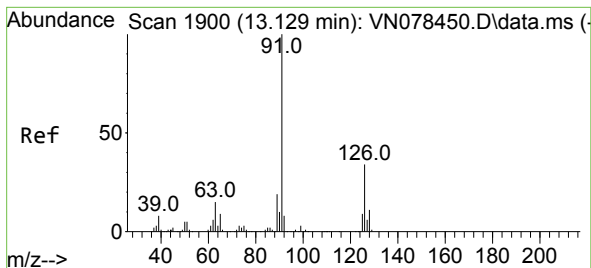
Tgt Ion:156 Resp: 111364
Ion Ratio Lower Upper
156 100
77 208.5 107.7 323.3
158 98.1 48.4 145.3



#78
n-propylbenzene
Concen: 19.101 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 91 Resp: 508836
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.442 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

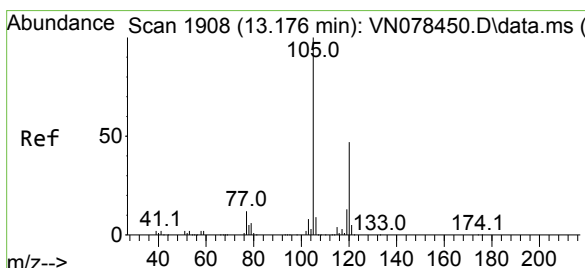
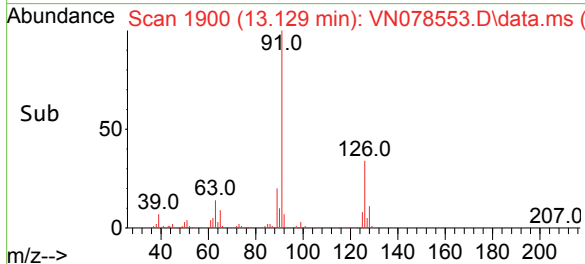
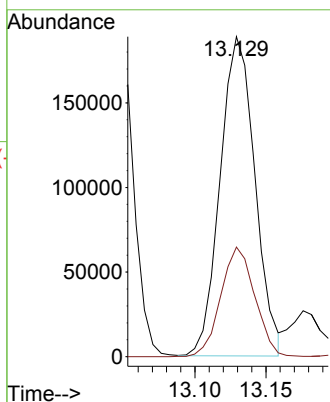
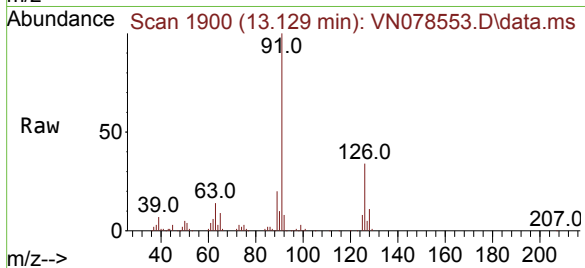
VN0718WBS01

Tgt Ion: 91 Resp: 321789

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 19.220 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN078553.D

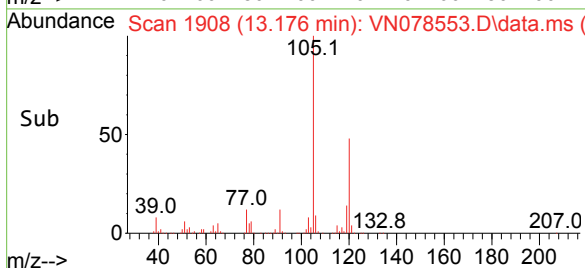
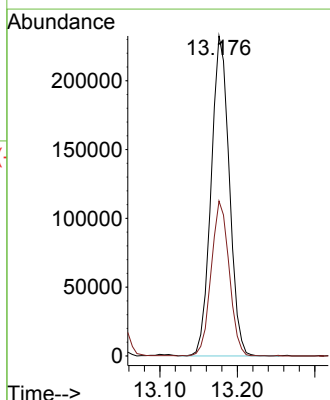
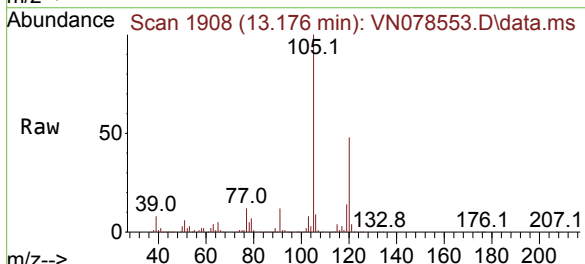
Acq: 18 Jul 2023 11:51

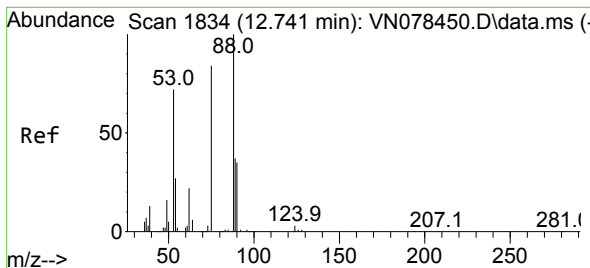
Tgt Ion: 105 Resp: 378279

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3

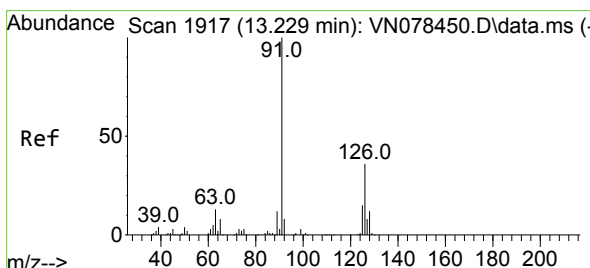
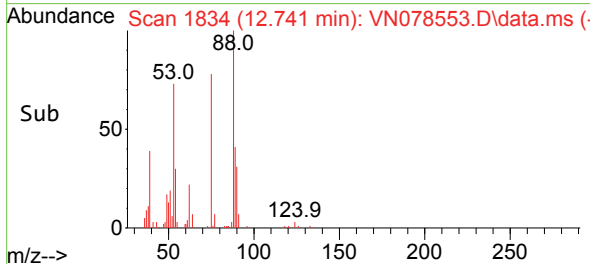
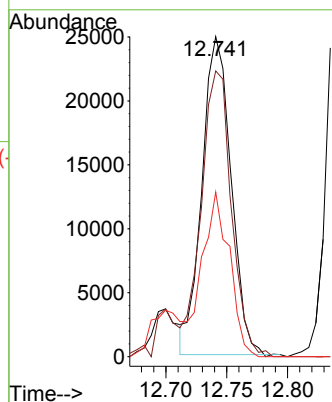
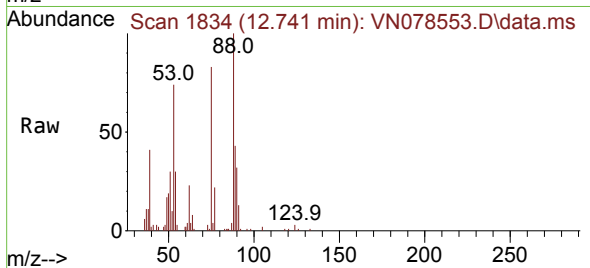




#81
trans-1,4-Dichloro-2-butene
Concen: 16.905 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

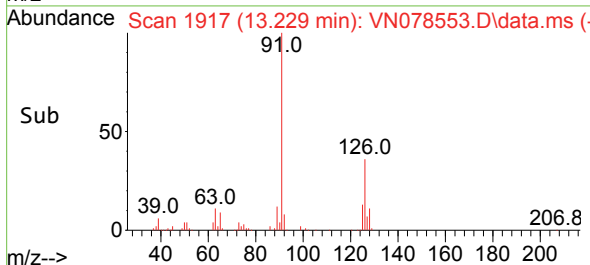
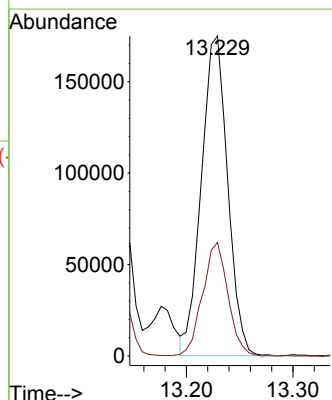
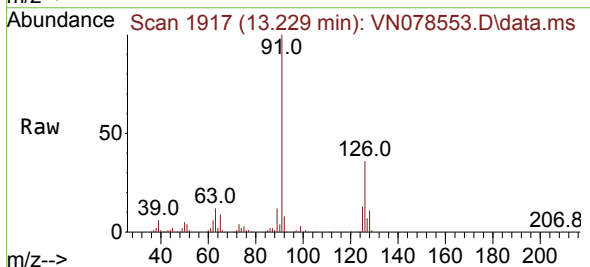
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

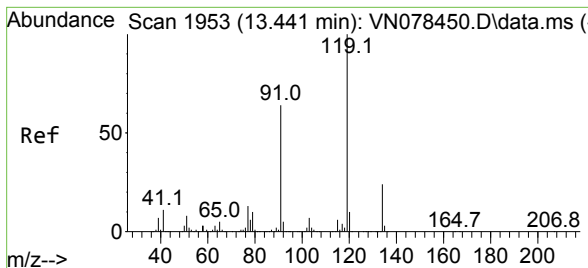
Tgt Ion: 75 Resp: 41221
Ion Ratio Lower Upper
75 100
53 93.8 67.4 101.2
89 48.0 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.426 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 91 Resp: 299927
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0

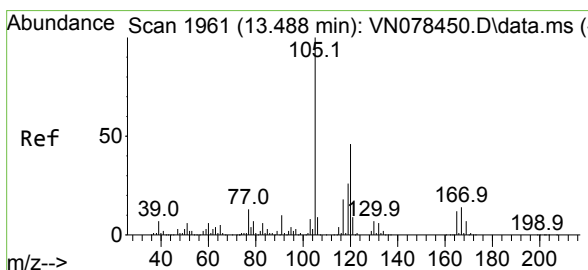
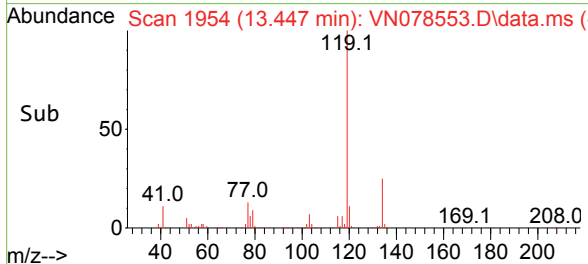
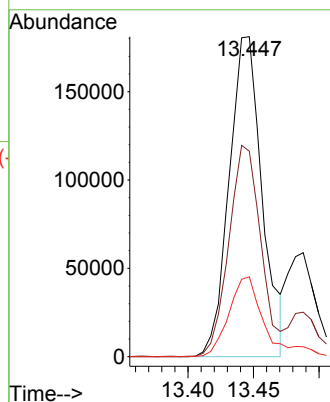
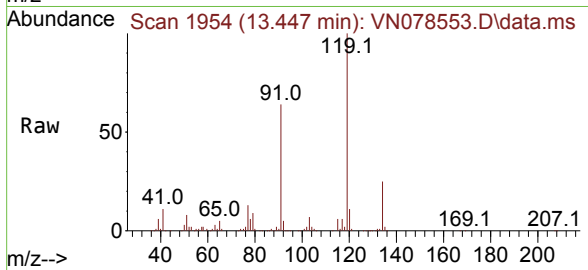




#83
 tert-Butylbenzene
 Concen: 18.927 ug/l
 RT: 13.447 min Scan# 1954
 Delta R.T. 0.006 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

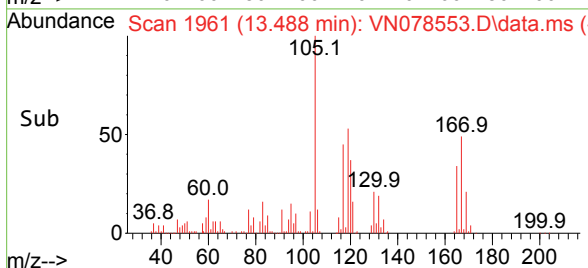
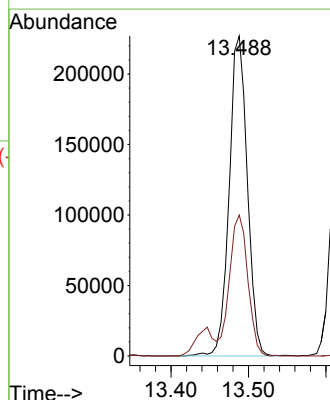
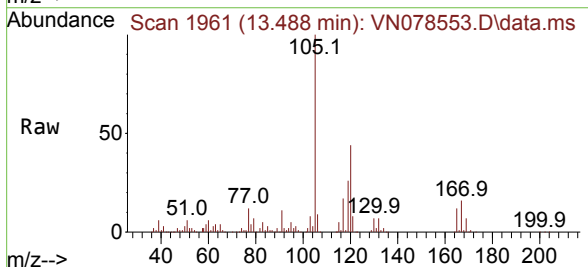
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

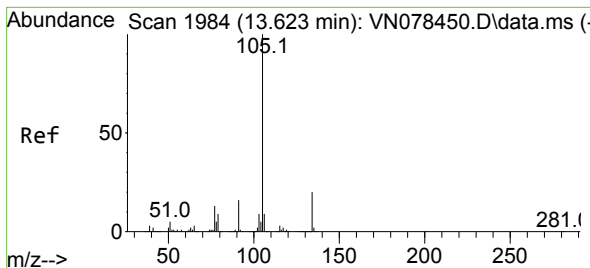
Tgt Ion:119 Resp: 316261
 Ion Ratio Lower Upper
 119 100
 91 64.3 33.9 101.7
 134 27.1 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.321 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

Tgt Ion:105 Resp: 369374
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.000 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

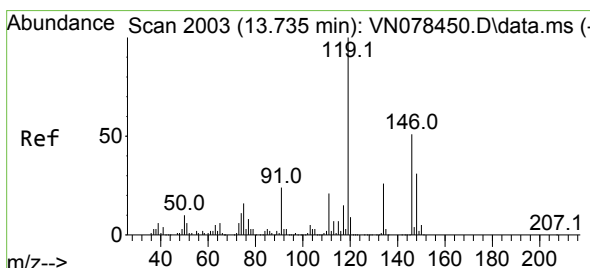
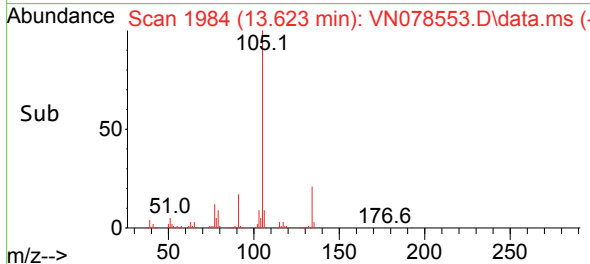
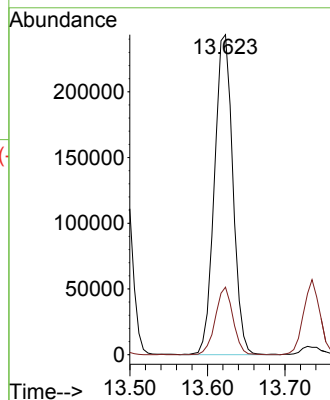
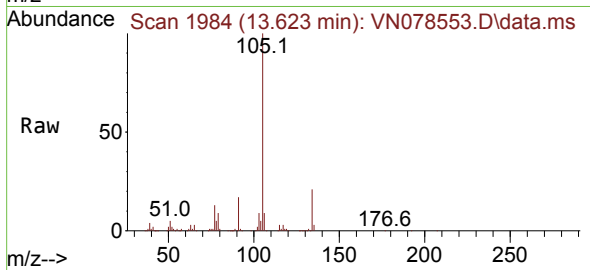
VN0718WBS01

Tgt Ion:105 Resp: 401307

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.138 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

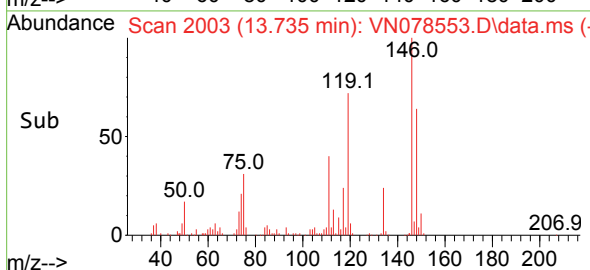
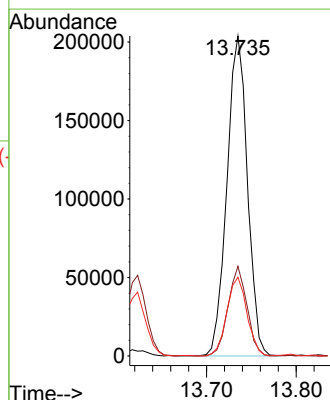
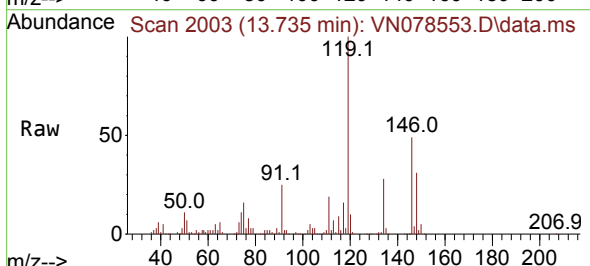
Tgt Ion:119 Resp: 324576

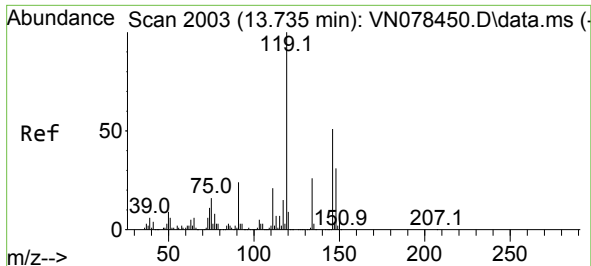
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 24.2 12.4 37.2

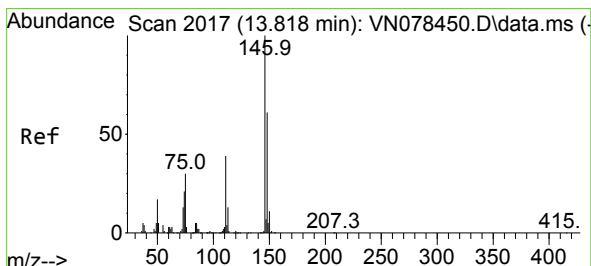
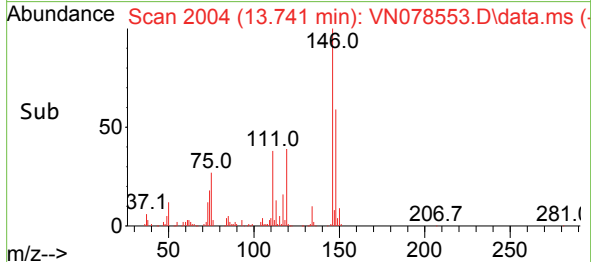
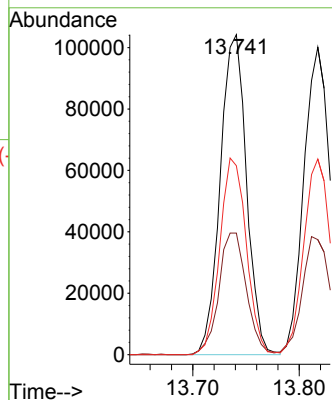
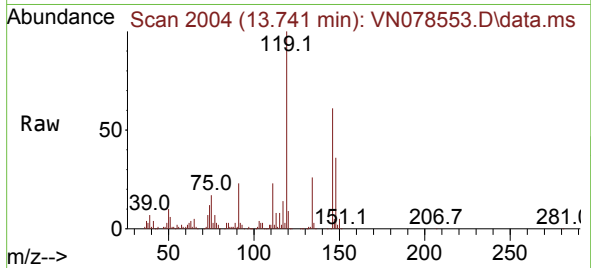




#87
 1,3-Dichlorobenzene
 Concen: 18.671 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. 0.006 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

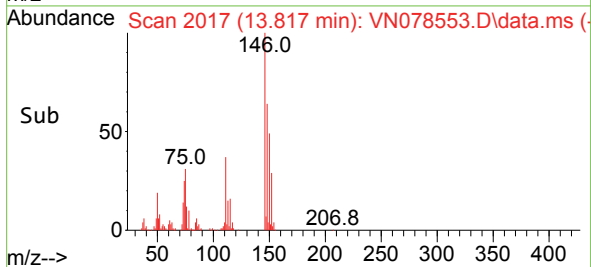
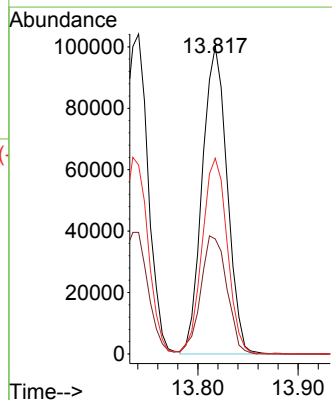
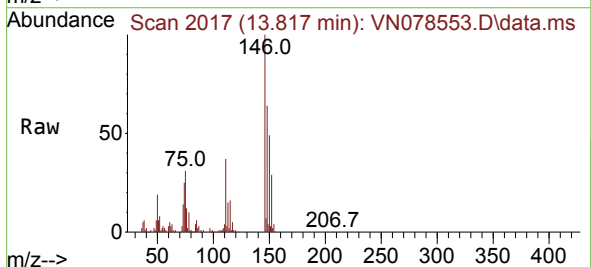
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBS01

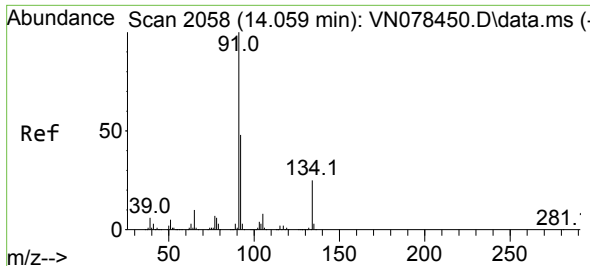
Tgt Ion:146 Resp: 178542
 Ion Ratio Lower Upper
 146 100
 111 39.9 22.1 66.3
 148 62.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.997 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN078553.D
 Acq: 18 Jul 2023 11:51

Tgt Ion:146 Resp: 173346
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.8
 148 64.0 31.6 94.8

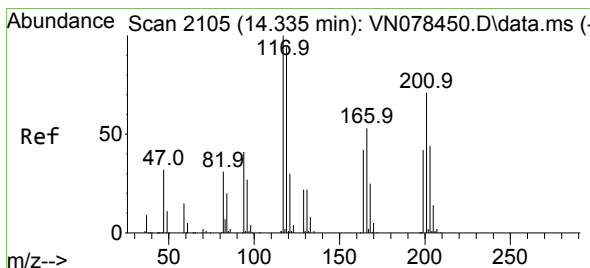
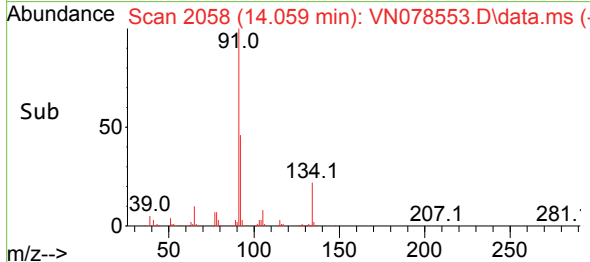
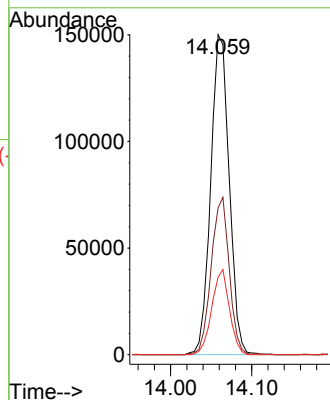
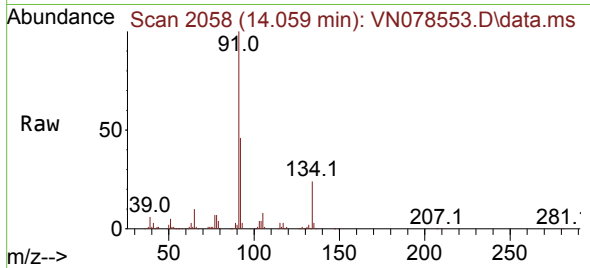




#89
n-Butylbenzene
Concen: 19.546 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

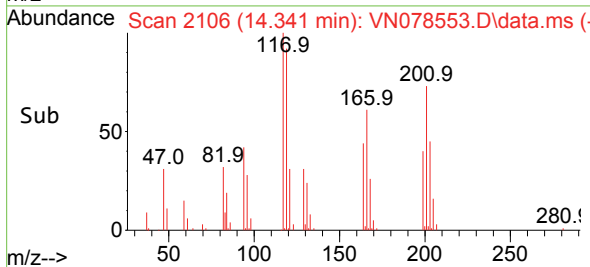
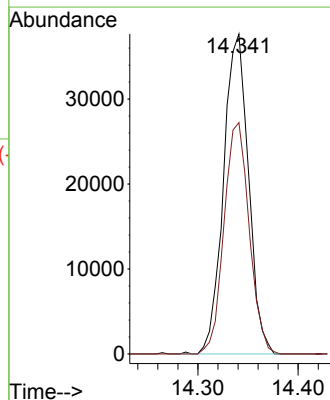
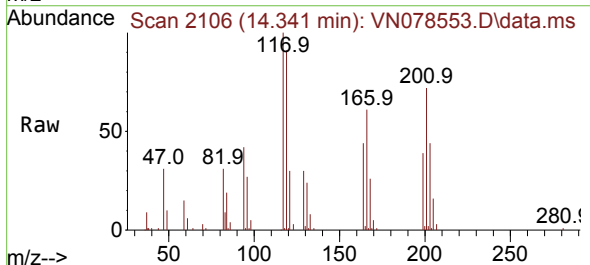
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

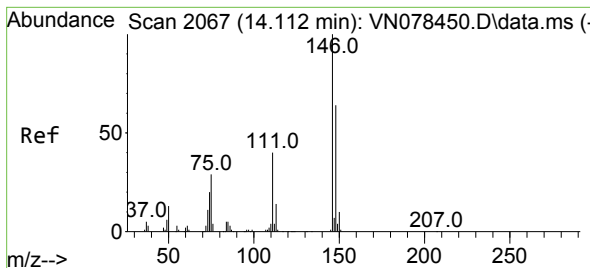
Tgt Ion: 91 Resp: 237190
Ion Ratio Lower Upper
91 100
92 48.1 26.4 79.0
134 25.4 12.6 37.6



#90
Hexachloroethane
Concen: 20.450 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion: 117 Resp: 65249
Ion Ratio Lower Upper
117 100
201 72.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.853 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN0718WBS01

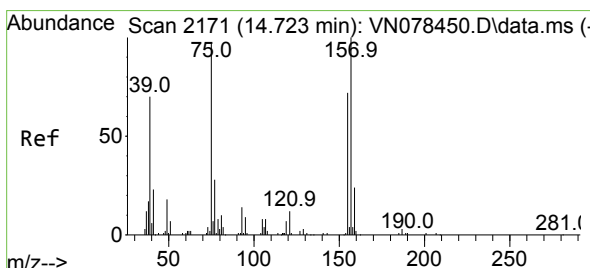
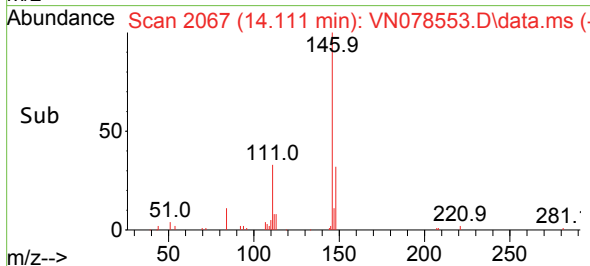
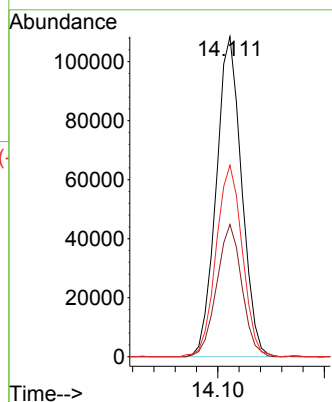
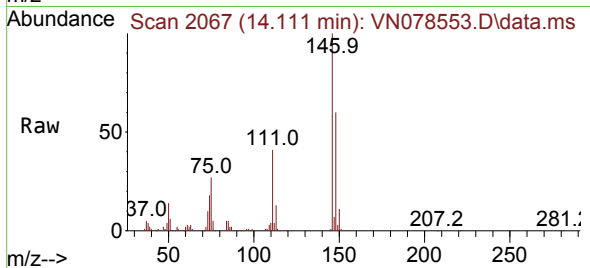
Tgt Ion:146 Resp: 179413

Ion Ratio Lower Upper

146 100

111 40.9 22.0 66.0

148 61.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.102 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN078553.D

Acq: 18 Jul 2023 11:51

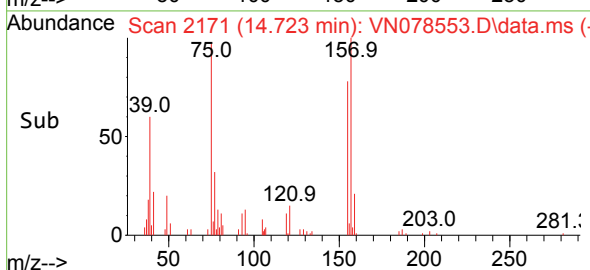
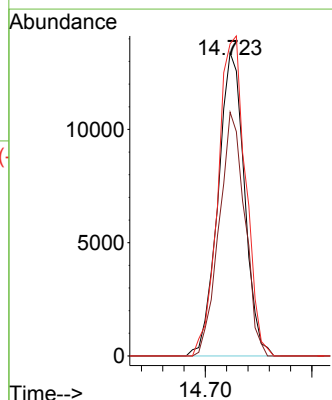
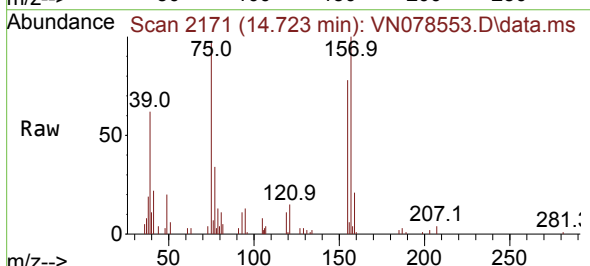
Tgt Ion: 75 Resp: 23048

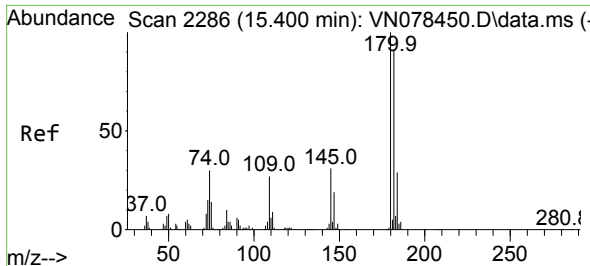
Ion Ratio Lower Upper

75 100

155 78.0 39.1 117.2

157 109.9 50.3 150.9

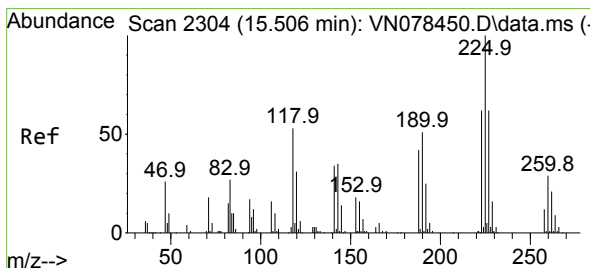
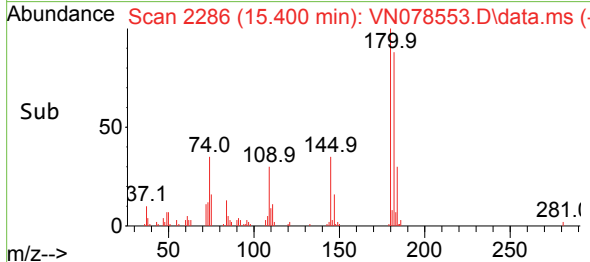
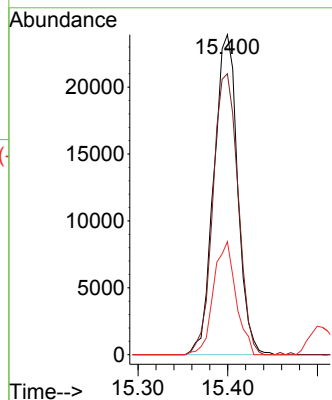
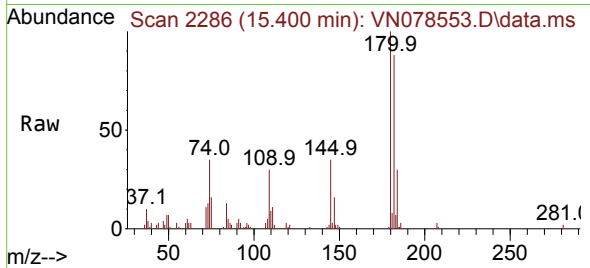




#93
1,2,4-Trichlorobenzene
Concen: 14.478 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

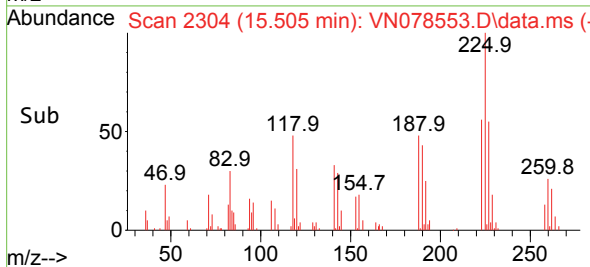
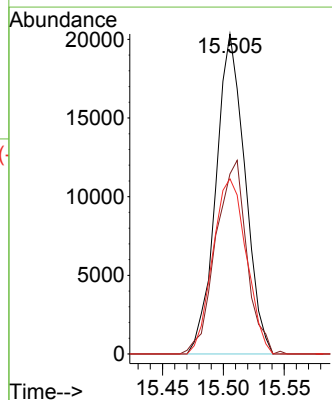
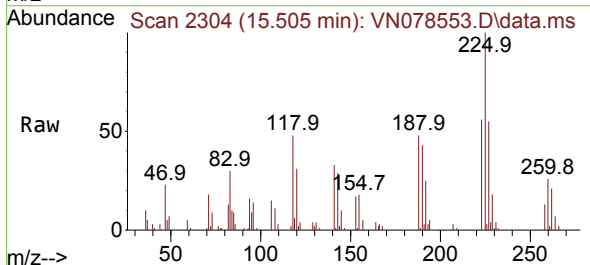
Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

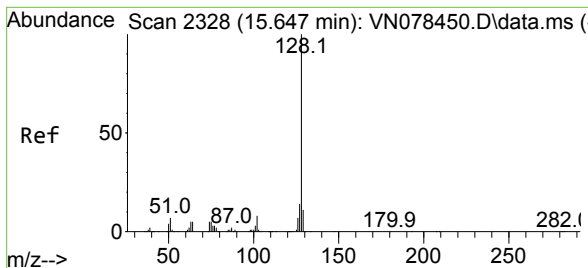
Tgt Ion:180 Resp: 43972
Ion Ratio Lower Upper
180 100
182 92.5 46.1 138.2
145 33.4 16.6 49.8



#94
Hexachlorobutadiene
Concen: 18.914 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion:225 Resp: 33762
Ion Ratio Lower Upper
225 100
223 64.6 31.3 93.8
227 63.0 31.9 95.9

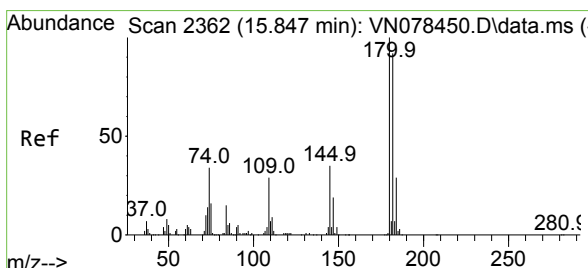
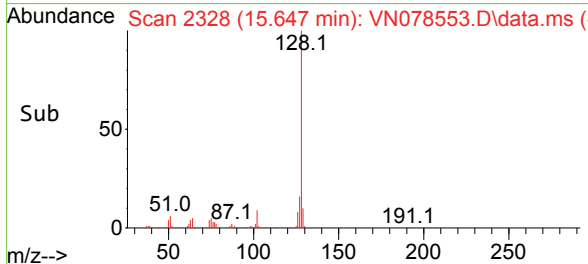
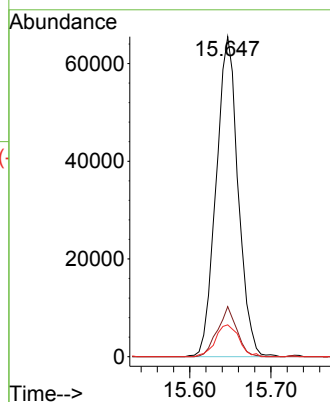
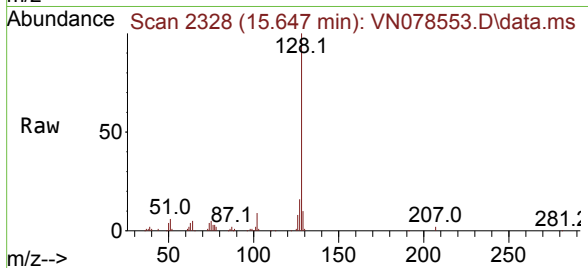




#95
Naphthalene
Concen: 11.883 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN0718WBS01

Tgt Ion:128 Resp: 123387
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.564 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078553.D
Acq: 18 Jul 2023 11:51

Tgt Ion:180 Resp: 54354
Ion Ratio Lower Upper
180 100
182 86.7 46.2 138.6
145 31.2 17.5 52.6

