

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079578.D
 Acq On : 17 Oct 2023 13:26
 Operator : JC\MD
 Sample : VN1017WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:27:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	22126	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	176161	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	212068	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	97282	30.924	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.067%	
60) 4-Bromofluorobenzene	12.853	95	117850	30.388	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.300%	
63) Toluene-d8	10.571	98	271388	29.865	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.533%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	64254	20.025	ug/l	99
3) Chloromethane	2.365	50	79224	19.050	ug/l	99
4) Vinyl Chloride	2.518	62	88111	19.631	ug/l	95
5) Bromomethane	2.954	94	53137	19.094	ug/l	94
6) Chloroethane	3.124	64	57807	18.299	ug/l	96
7) Trichlorofluoromethane	3.495	101	107177	19.569	ug/l	95
8) Diethyl Ether	3.959	74	39377	19.838	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	61550	19.643	ug/l	79
10) 1,1-Dichloroethene	4.342	96	57672	19.345	ug/l	92
11) Methyl Iodide	4.589	142	63377	19.201	ug/l	94
12) Methyl Acetate	5.030	43	138982	19.338	ug/l	97
13) Acrolein	4.183	56	56983	95.914	ug/l	100
14) Acrylonitrile	5.724	53	170129	98.848	ug/l	98
15) Acetone	4.430	58	53751	98.586	ug/l	86
16) Carbon Disulfide	4.718	76	174158	19.158	ug/l	96
17) Allyl chloride	5.030	41	85188	18.533	ug/l	97
18) Methylene Chloride	5.283	84	71412	19.461	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	65033	19.499	ug/l	91
20) Diisopropyl ether	6.677	45	219037	20.097	ug/l	98
21) 1,1-Dichloroethane	6.571	63	126933	19.166	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	75427	19.635	ug/l	94
23) tert-Butyl Alcohol	5.524	59	51263	89.071	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	196331	19.627	ug/l	100
25) Chloroform	7.965	83	132205	19.755	ug/l	93
26) Cyclohexane	8.259	56	95923	19.160	ug/l #	95
29) 1,1-Dichloropropene	8.377	75	96436	18.733	ug/l	98
30) 2-Butanone	7.489	43	235470	91.249	ug/l	99
31) 2,2-Dichloropropane	7.494	77	107348	18.494	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	109500	17.896	ug/l	98
33) Carbon Tetrachloride	8.365	117	96286	18.503	ug/l	98
34) Benzene	8.612	78	287614	18.388	ug/l	95
35) Methacrylonitrile	7.783	41	49527	18.245	ug/l	94
36) 1,2-Dichloroethane	8.671	62	101417	18.160	ug/l	99
37) Trichloroethene	9.359	130	68896	18.844	ug/l	99
38) Methylcyclohexane	9.606	83	90629	18.285	ug/l	98
39) 1,2-Dichloropropane	9.624	63	75007	18.172	ug/l	99
40) Dibromomethane	9.712	93	50238	18.546	ug/l	99
41) Bromodichloromethane	9.888	83	102096	18.187	ug/l	98
42) Vinyl Acetate	6.606	43	611576	93.427	ug/l	100

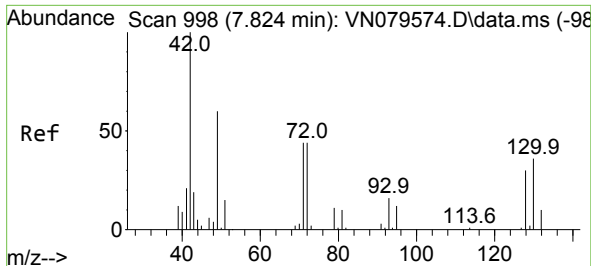
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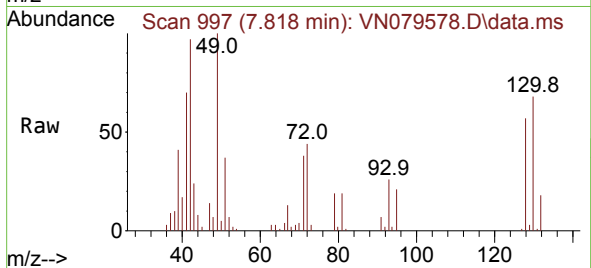
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	100508	20.713	ug/l #	78
44) Isopropyl Acetate	8.694	43	157046	18.207	ug/l	100
45) 1,4-Dioxane	9.694	88	24456	362.201	ug/l	94
46) Methyl methacrylate	9.683	41	69629	18.195	ug/l	96
47) n-amyl Acetate	12.494	43	110819	17.801	ug/l	100
48) t-1,3-Dichloropropene	10.841	75	106333	18.737	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	115939	18.683	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	70475	18.754	ug/l	96
51) Ethyl methacrylate	10.877	69	97213	18.750	ug/l	97
52) 1,3-Dichloropropane	11.165	76	122151	18.348	ug/l	100
53) Dibromochloromethane	11.359	129	71235	18.547	ug/l	98
54) 1,2-Dibromoethane	11.471	107	68217	18.400	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	234250	118.419	ug/l	98
56) Bromoform	12.582	173	45770	18.014	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	467200	94.452	ug/l	100
59) 2-Hexanone	11.200	43	339466	93.547	ug/l	99
61) Tetrachloroethene	11.106	164	54714	18.791	ug/l	97
62) Toluene	10.635	91	308932	19.061	ug/l	100
64) Chlorobenzene	11.894	112	175650	18.686	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	66627	18.607	ug/l	97
66) Ethyl Benzene	11.971	91	317708	19.025	ug/l	98
67) m/p-Xylenes	12.077	106	237858	38.511	ug/l	93
68) o-Xylene	12.400	106	111958	18.961	ug/l	96
69) Styrene	12.418	104	182543	19.474	ug/l	98
70) Isopropylbenzene	12.700	105	290905	19.198	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	100699	18.690	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	118618	24.243	ug/l	72
73) Bromobenzene	12.982	156	68287	19.184	ug/l	97
74) n-propylbenzene	13.041	91	344591	19.533	ug/l	99
75) 2-Chlorotoluene	13.129	91	207429	18.913	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	243575	19.663	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	29210	19.560	ug/l	95
78) 4-Chlorotoluene	13.224	91	200180	19.318	ug/l	99
79) tert-butylbenzene	13.441	119	190640	19.141	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	235325	19.606	ug/l	99
81) sec-Butylbenzene	13.618	105	266490	19.060	ug/l	98
82) p-Isopropyltoluene	13.735	119	213647	19.263	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	116209	19.853	ug/l	97
84) 1,4-Dichlorobenzene	13.818	146	107354	19.131	ug/l	98
85) n-Butylbenzene	14.059	91	166580	19.223	ug/l	99
86) Hexachloroethane	14.341	117	43501	18.143	ug/l	97
87) 1,2-Dichlorobenzene	14.112	146	109862	18.883	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	15191	18.503	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	34827	16.983	ug/l	98
90) Hexachlorobutadiene	15.506	225	27228	18.745	ug/l	99
91) Naphthalene	15.647	128	77073	14.570	ug/l	99
92) 1,2,3-Trichlorobenzene	15.847	180	34827	16.983	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

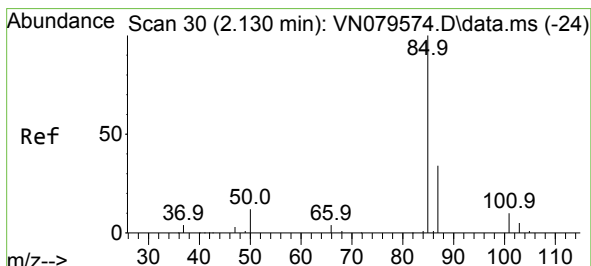
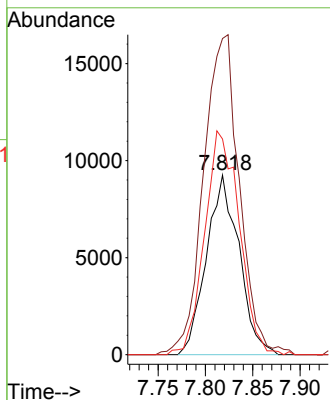
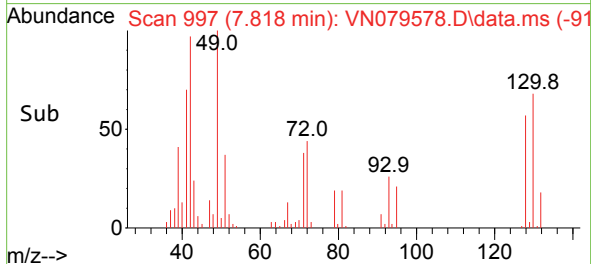


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

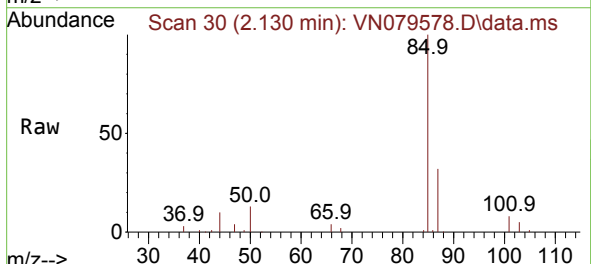
Instrument :
MSVOA_N
ClientSampleId :



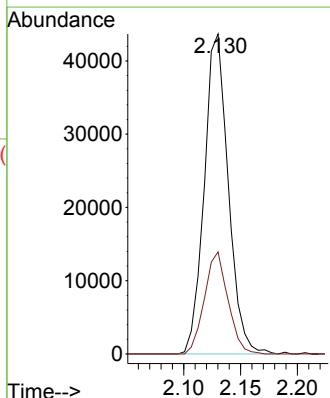
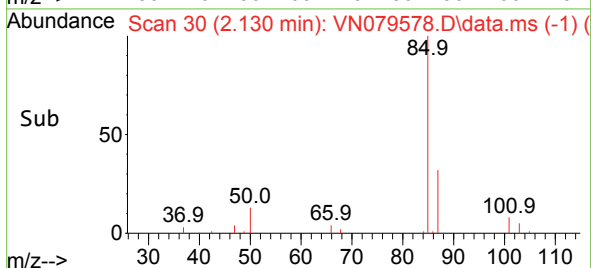
Tgt Ion:128 Resp: 22126
Ion Ratio Lower Upper
128 100
49 194.3 0.0 468.5
130 127.9 0.0 320.7

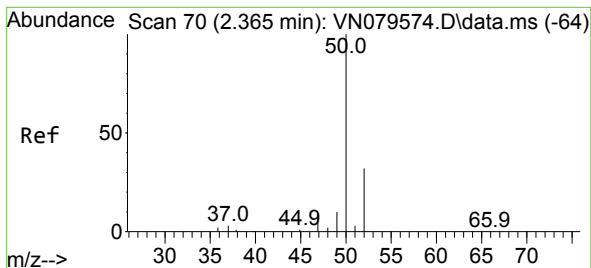


#2
Dichlorodifluoromethane
Concen: 20.025 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26



Tgt Ion: 85 Resp: 64254
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.7





#3

Chloromethane

Concen: 19.050 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

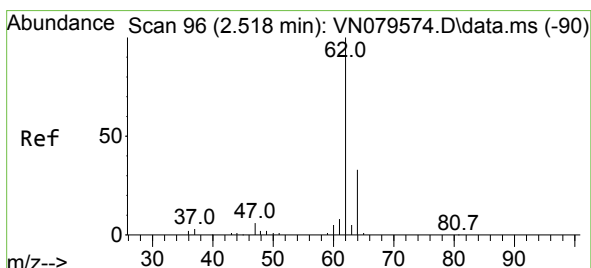
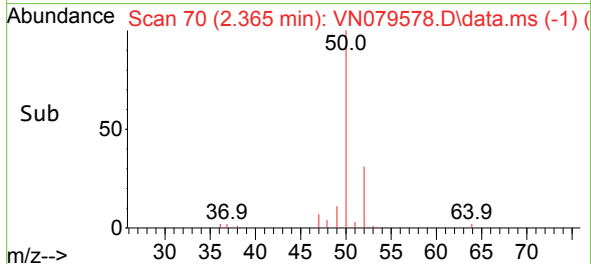
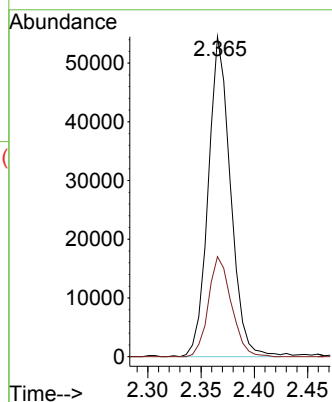
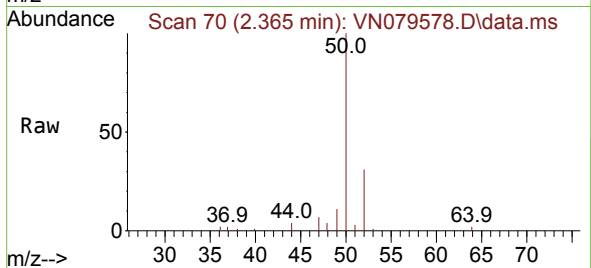
ClientSampleId :

Tgt Ion: 50 Resp: 79224

Ion Ratio Lower Upper

50 100

52 31.2 25.6 38.4



#4

Vinyl Chloride

Concen: 19.631 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079578.D

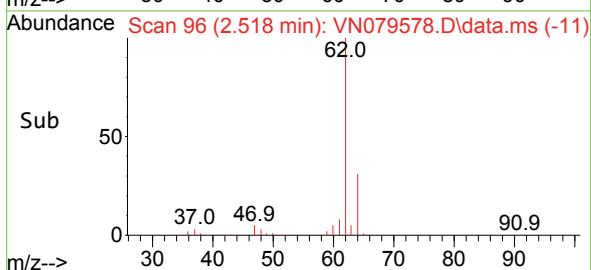
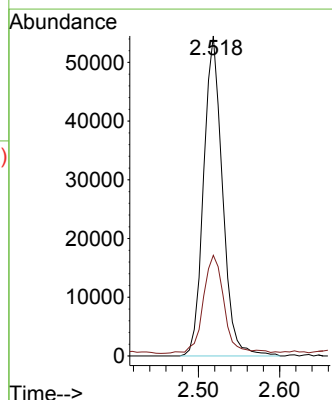
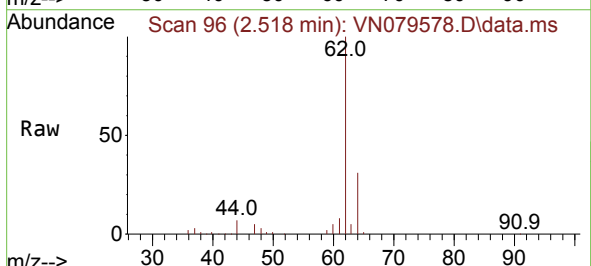
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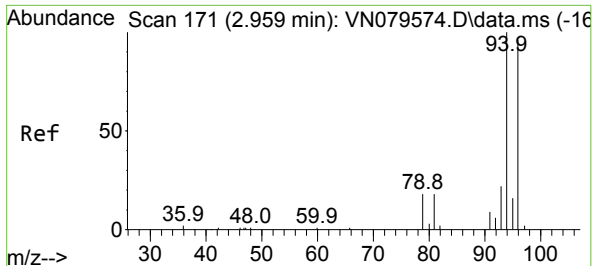
Tgt Ion: 62 Resp: 88111

Ion Ratio Lower Upper

62 100

64 30.3 26.4 39.6

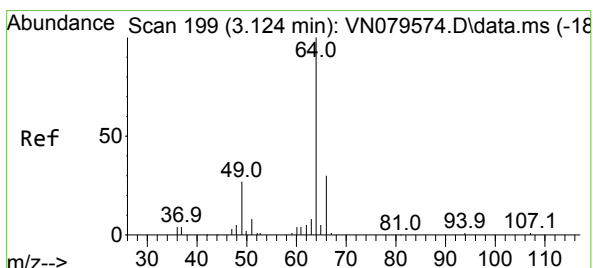
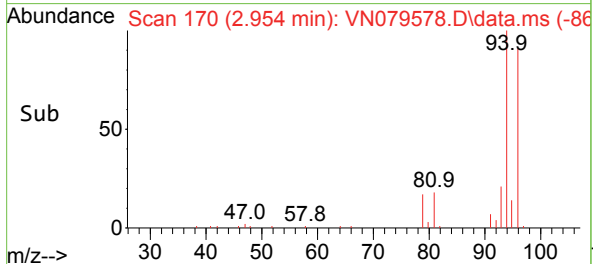
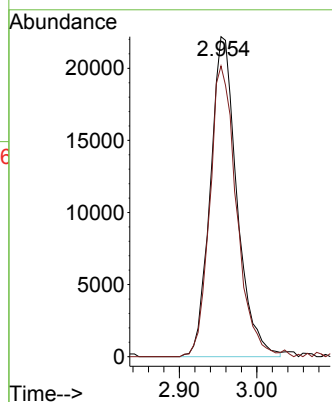
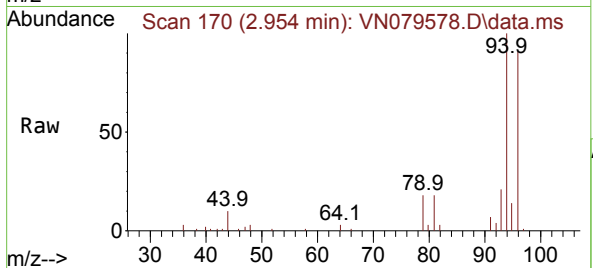




#5
Bromomethane
Concen: 19.094 ug/l
RT: 2.954 min Scan# 171
Delta R.T. -0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

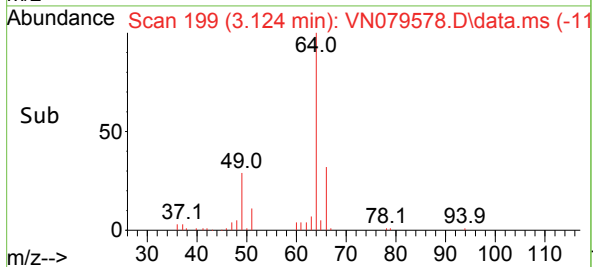
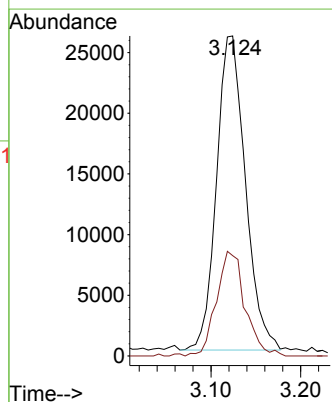
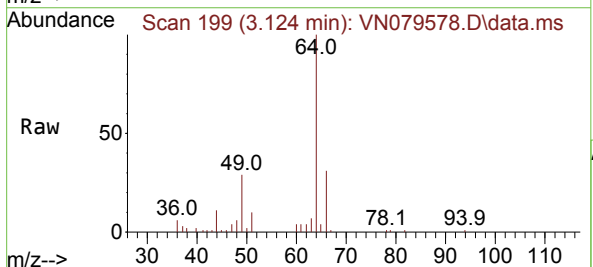
Instrument :
MSVOA_N
ClientSampleId :

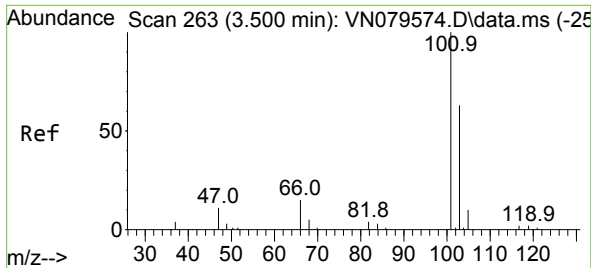
Tgt Ion: 94 Resp: 53137
Ion Ratio Lower Upper
94 100
96 90.8 77.8 116.6



#6
Chloroethane
Concen: 18.299 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 64 Resp: 57807
Ion Ratio Lower Upper
64 100
66 31.3 23.3 34.9

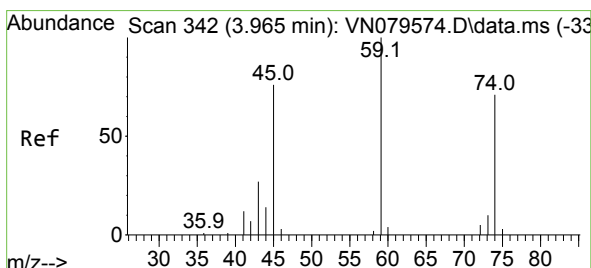
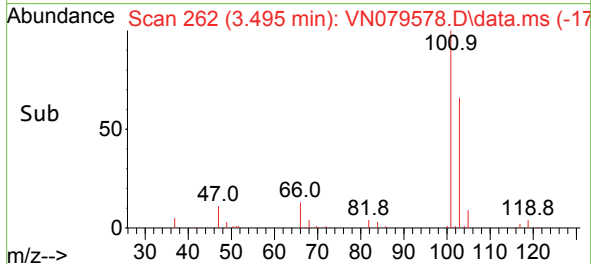
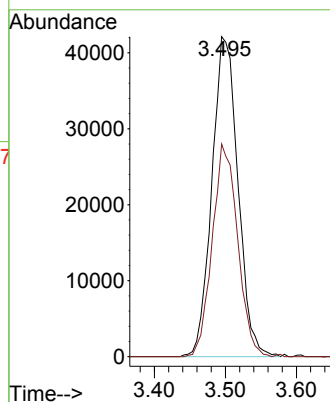
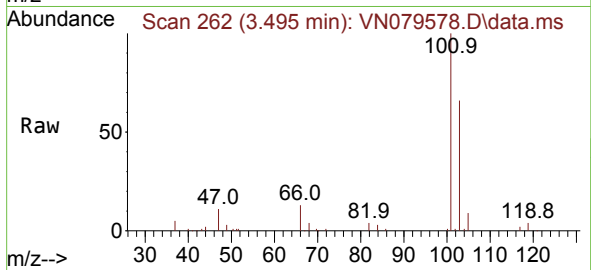




#7
Trichlorofluoromethane
Concen: 19.569 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

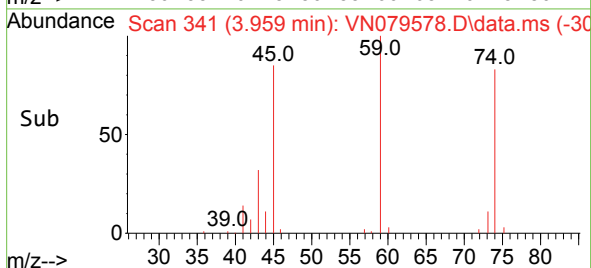
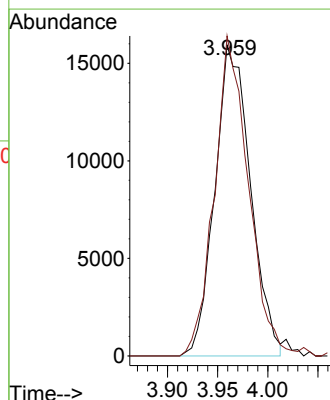
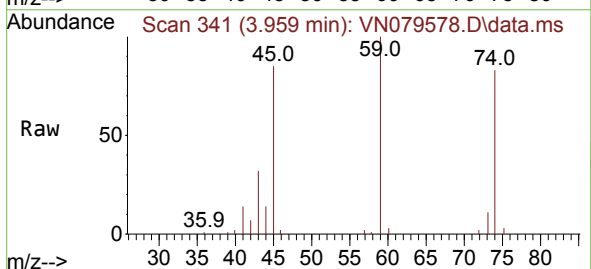
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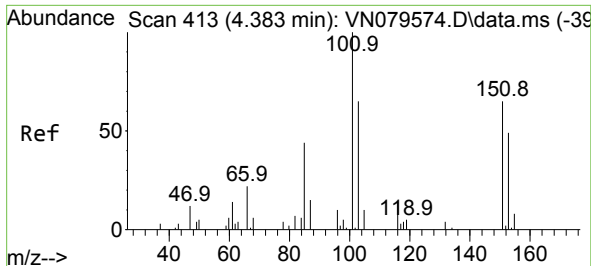
Tgt Ion:101 Resp: 107177
Ion Ratio Lower Upper
101 100
103 66.5 49.9 74.9



#8
Diethyl Ether
Concen: 19.838 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 74 Resp: 39377
Ion Ratio Lower Upper
74 100
45 98.3 19.0 171.0

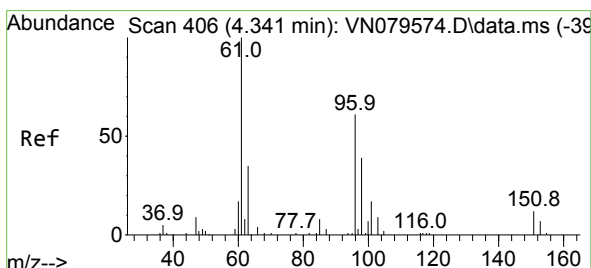
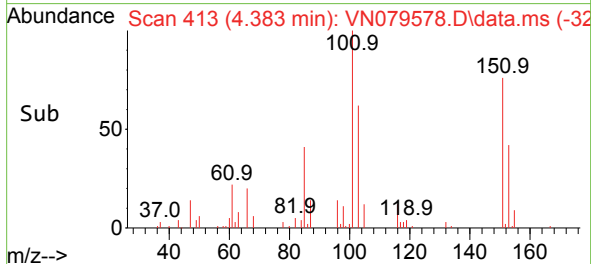
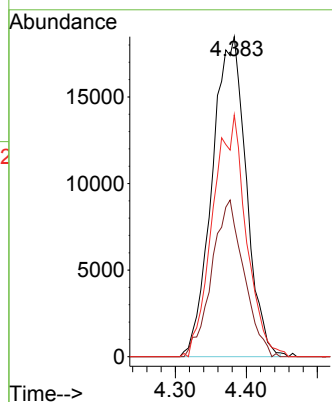
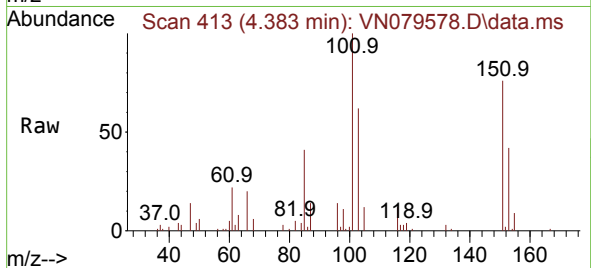




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.643 ug/l
RT: 4.383 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

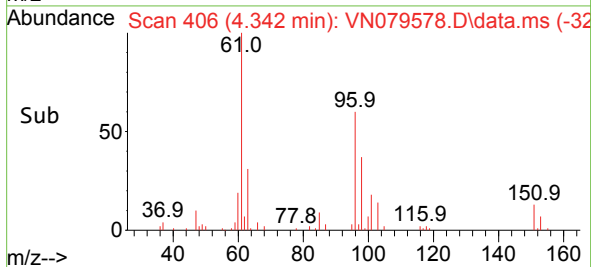
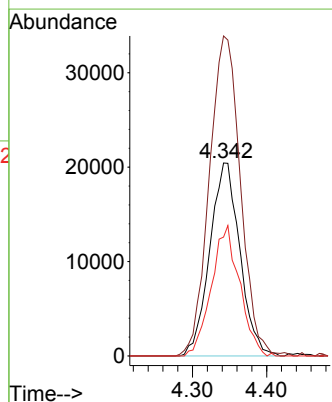
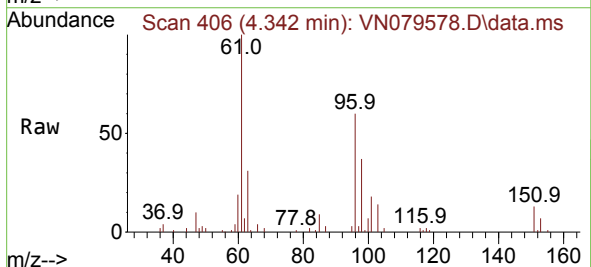
Instrument :
MSVOA_N
ClientSampleId :

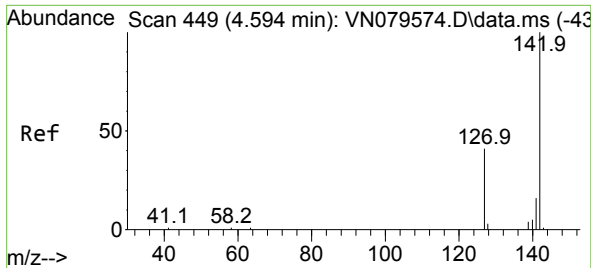
Tgt Ion:101 Resp: 61550
Ion Ratio Lower Upper
101 100
85 46.1 0.0 92.0
151 41.4 0.0 138.4



#10
1,1-Dichloroethene
Concen: 19.345 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 96 Resp: 57672
Ion Ratio Lower Upper
96 100
61 164.9 141.3 211.9
98 61.6 53.2 79.8

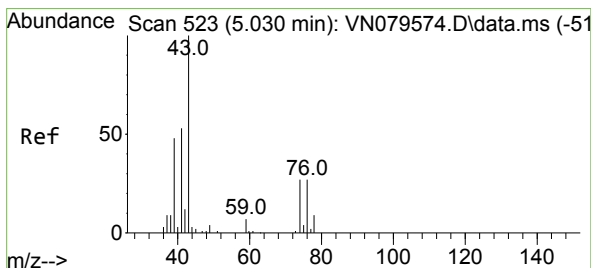
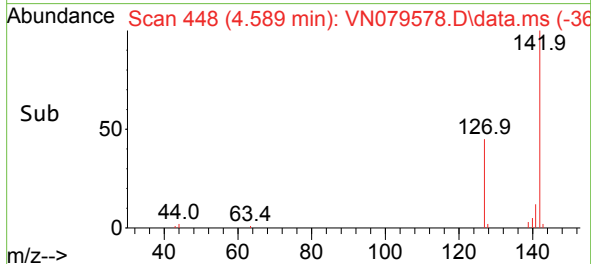
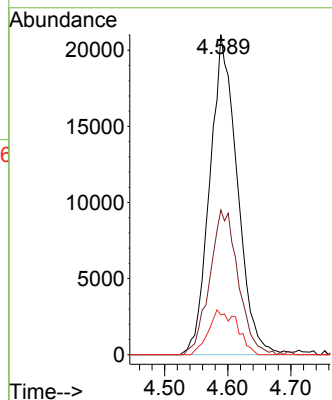
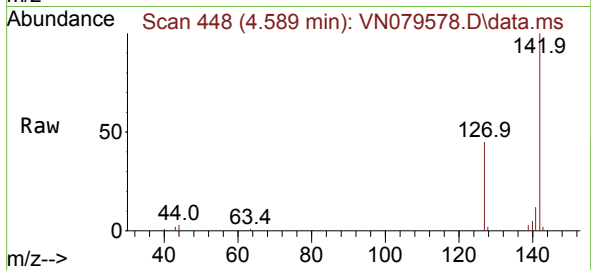




#11
Methyl Iodide
Concen: 19.201 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

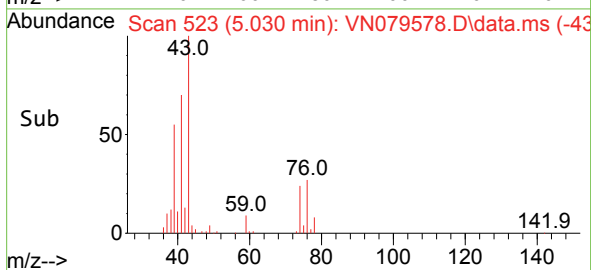
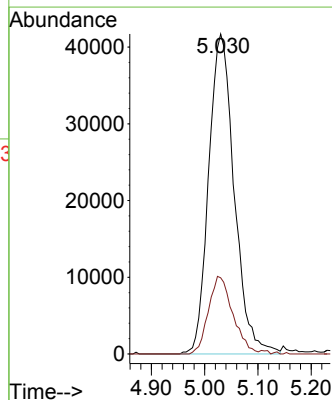
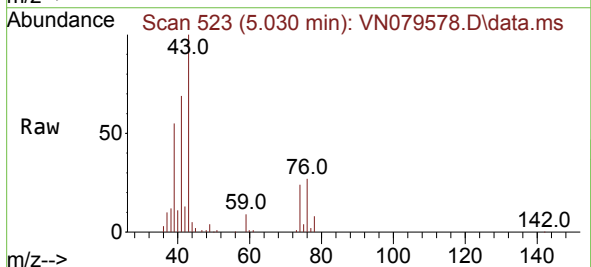
Instrument :
MSVOA_N
ClientSampleId :

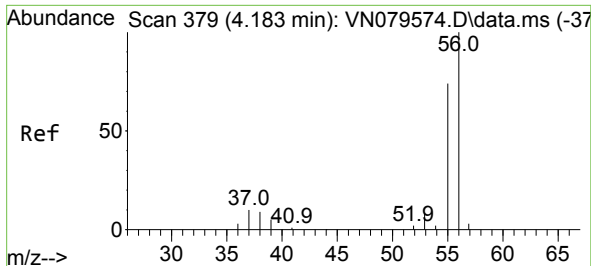
Tgt Ion:142 Resp: 63377
Ion Ratio Lower Upper
142 100
127 45.0 24.6 73.8
141 12.5 7.7 23.1



#12
Methyl Acetate
Concen: 19.338 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

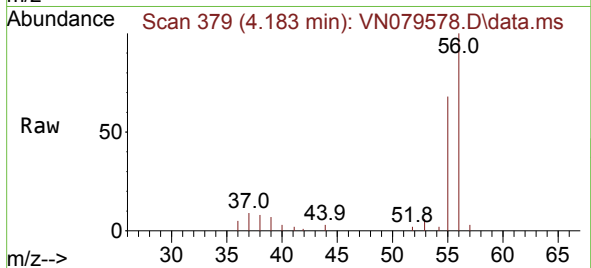
Tgt Ion: 43 Resp: 138982
Ion Ratio Lower Upper
43 100
74 23.9 18.1 27.1



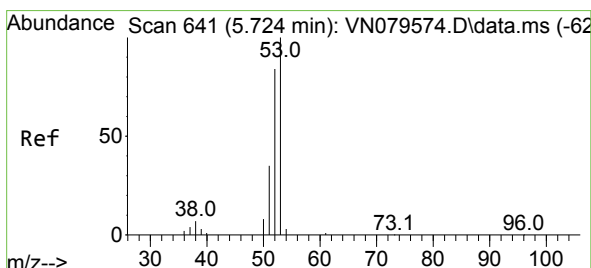
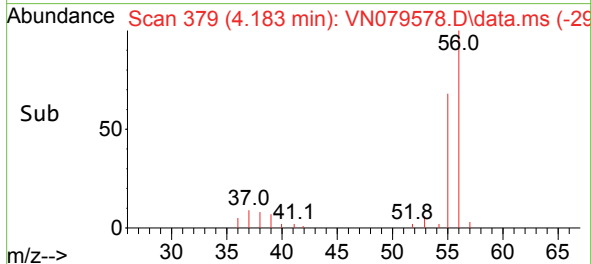
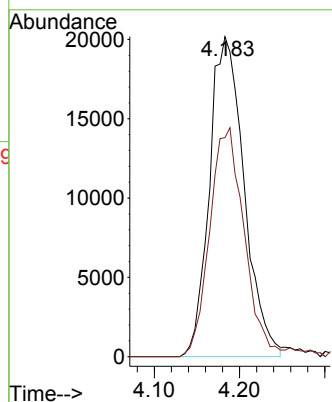


#13
Acrolein
Concen: 95.914 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Instrument :
MSVOA_N
ClientSampleId :

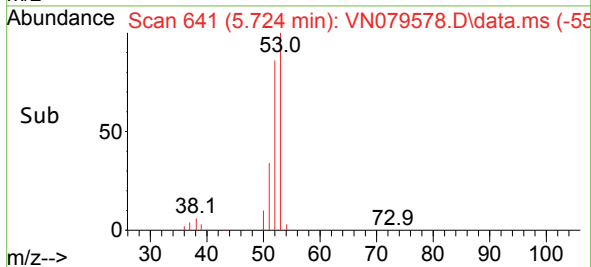
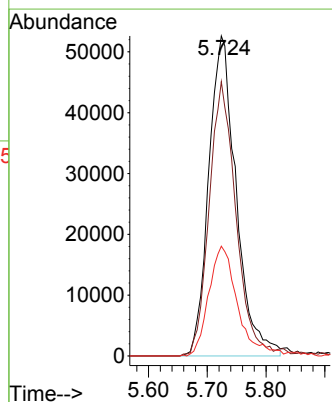
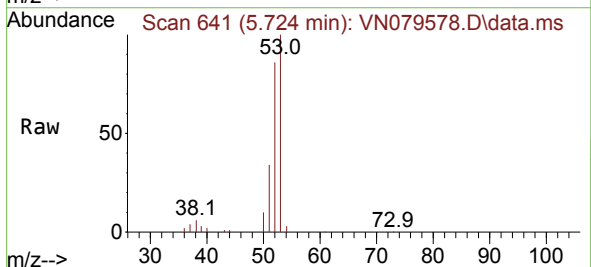


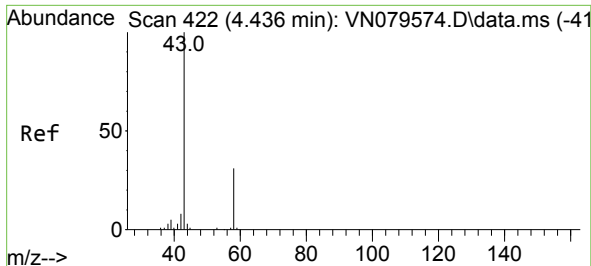
Tgt Ion: 56 Resp: 56983
Ion Ratio Lower Upper
56 100
55 71.2 57.1 85.7



#14
Acrylonitrile
Concen: 98.848 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 53 Resp: 170129
Ion Ratio Lower Upper
53 100
52 81.6 41.6 124.9
51 34.4 17.8 53.3





#15

Acetone

Concen: 98.586 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

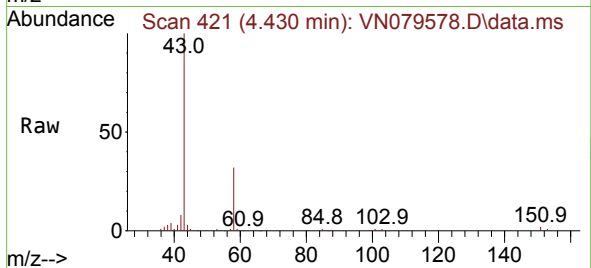
Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

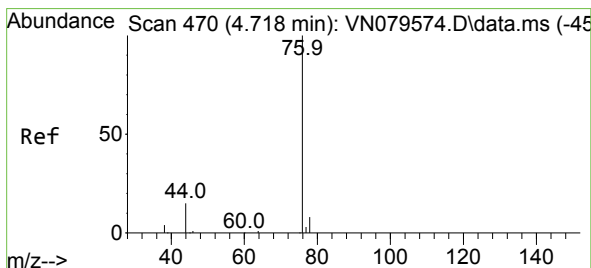
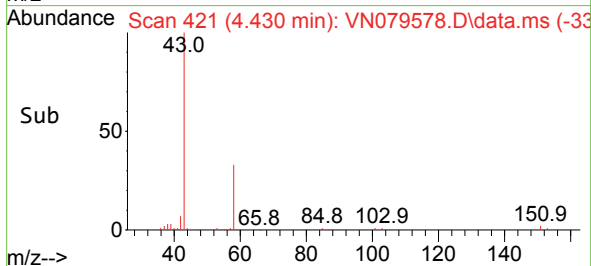
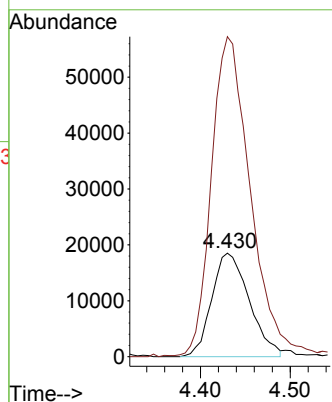


Tgt Ion: 58 Resp: 53751

Ion Ratio Lower Upper

58 100

43 307.4 225.2 337.8



#16

Carbon Disulfide

Concen: 19.158 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.000 min

Lab File: VN079578.D

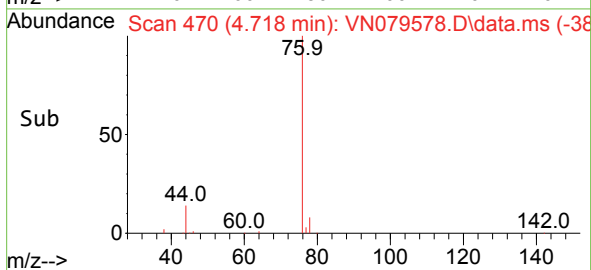
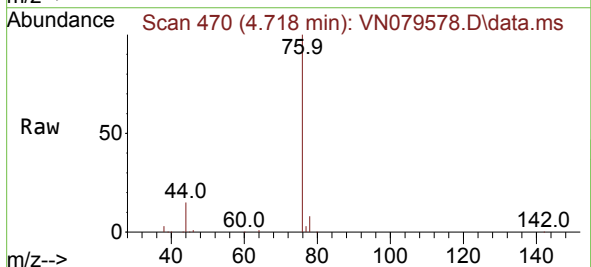
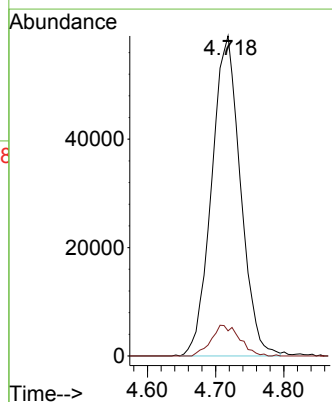
Acq: 17 Oct 2023 13:26

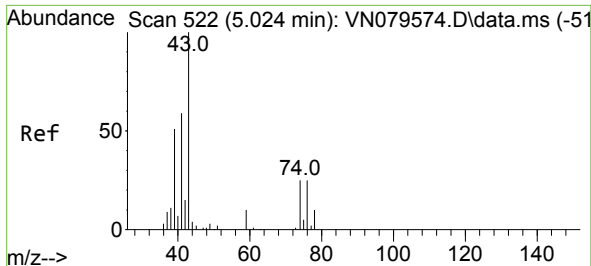
Tgt Ion: 76 Resp: 174158

Ion Ratio Lower Upper

76 100

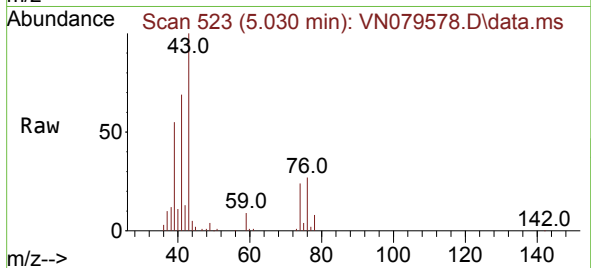
78 7.8 7.5 11.3



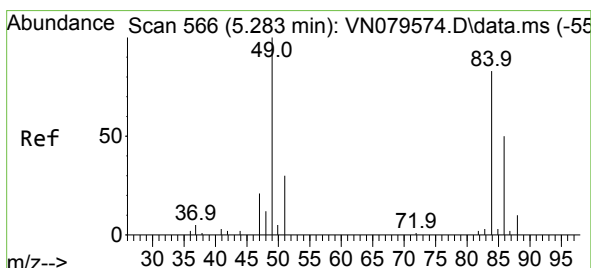
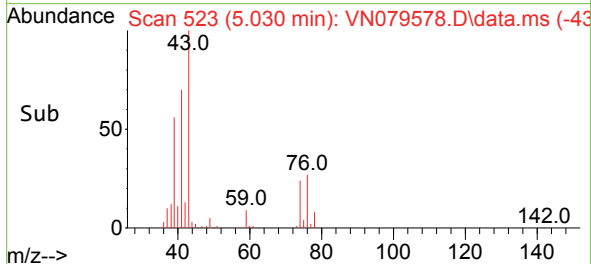
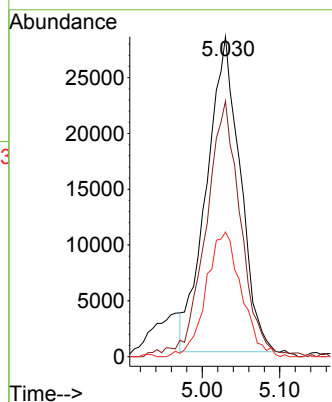


#17
 Allyl chloride
 Concen: 18.533 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079578.D
 Acq: 17 Oct 2023 13:26

Instrument :
 MSVOA_N
 ClientSampleId :

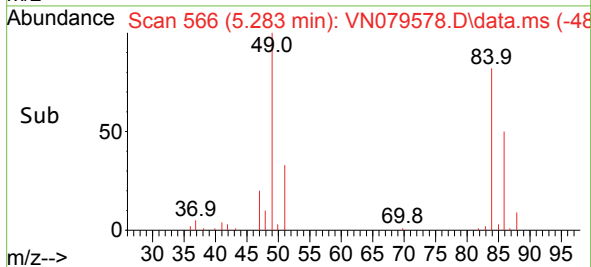
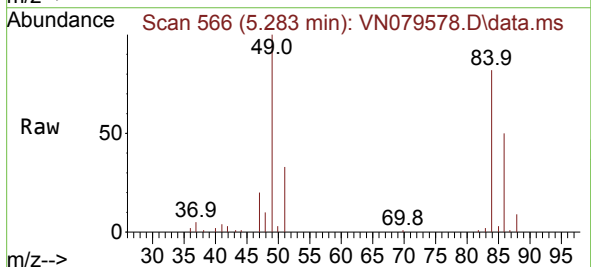
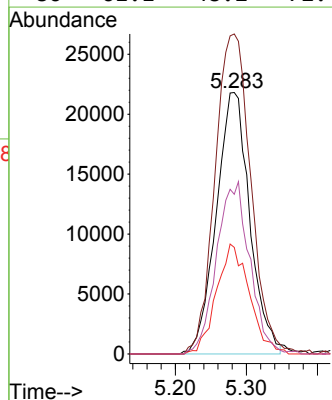


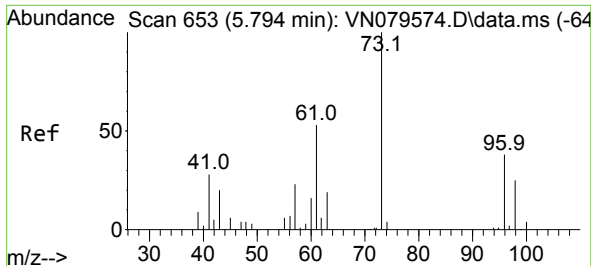
Tgt Ion: 41 Resp: 85188
 Ion Ratio Lower Upper
 41 100
 39 79.9 38.4 115.2
 76 39.6 19.5 58.5



#18
 Methylene Chloride
 Concen: 19.461 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079578.D
 Acq: 17 Oct 2023 13:26

Tgt Ion: 84 Resp: 71412
 Ion Ratio Lower Upper
 84 100
 49 122.4 100.9 151.3
 51 40.8 29.4 44.2
 86 61.1 48.2 72.4





#19

trans-1,2-Dichloroethene

Concen: 19.499 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

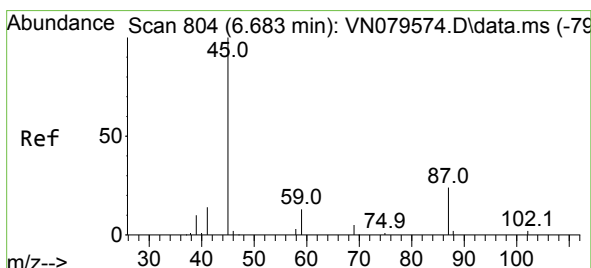
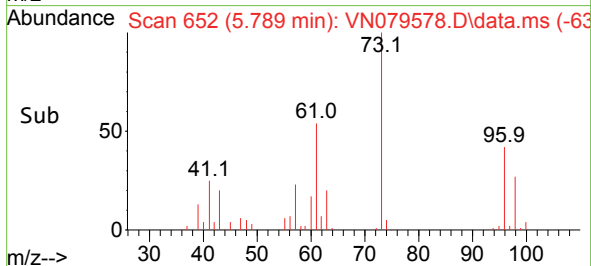
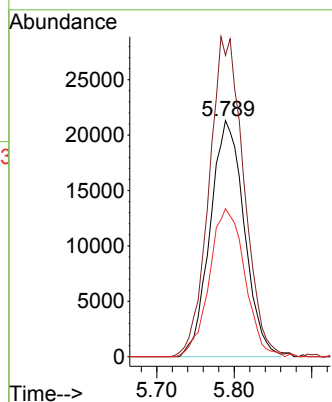
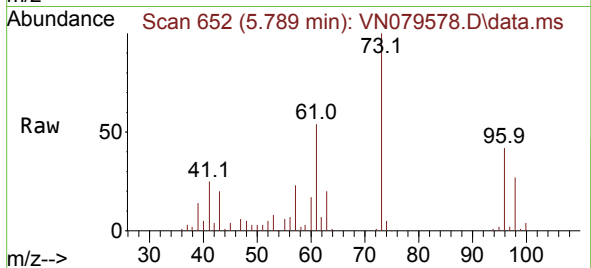
Tgt Ion: 96 Resp: 65033

Ion Ratio Lower Upper

96 100

61 125.7 113.4 170.0

98 61.9 50.4 75.6



#20

Diisopropyl ether

Concen: 20.097 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Tgt Ion: 45 Resp: 219037

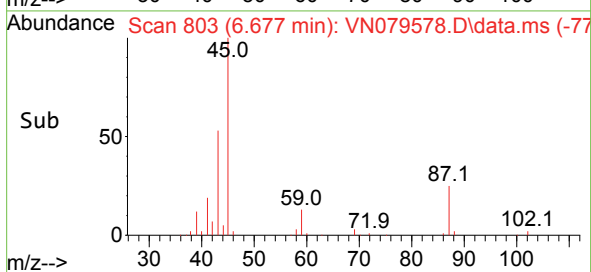
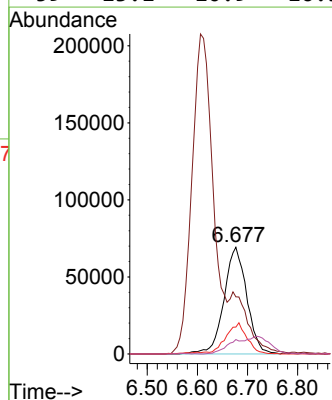
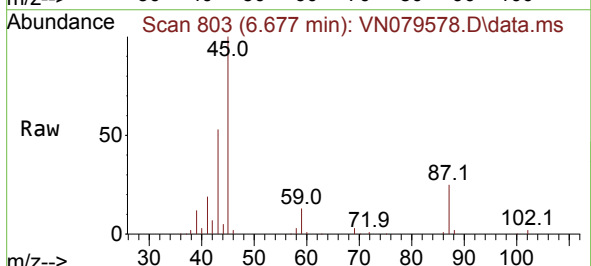
Ion Ratio Lower Upper

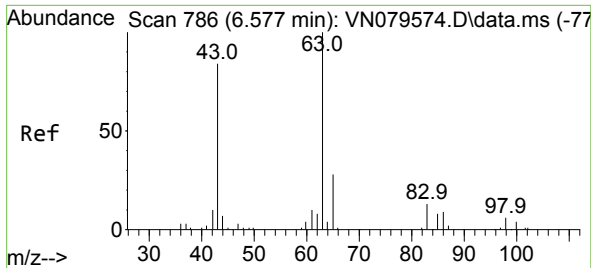
45 100

43 51.0 42.1 63.1

87 25.2 20.5 30.7

59 13.1 10.9 16.3





#21

1,1-Dichloroethane

Concen: 19.166 ug/l

RT: 6.571 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

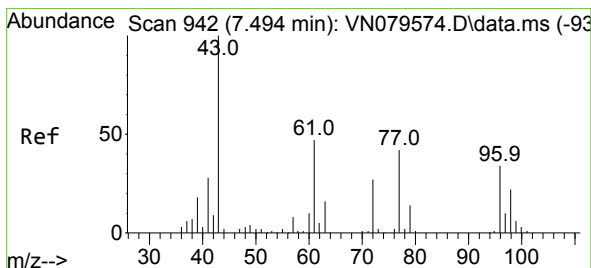
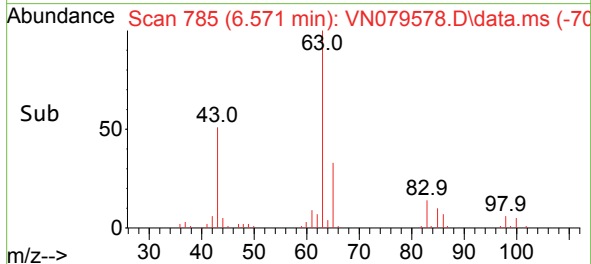
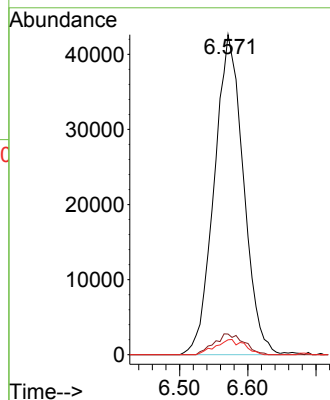
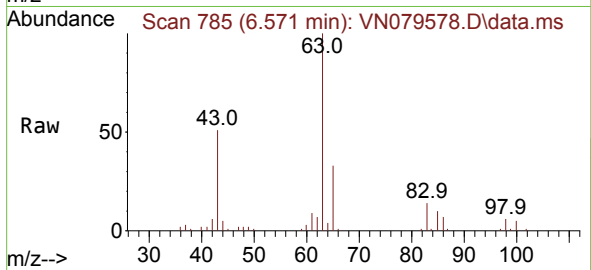
Tgt Ion: 63 Resp: 126933

Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.4

100 4.7 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 19.635 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

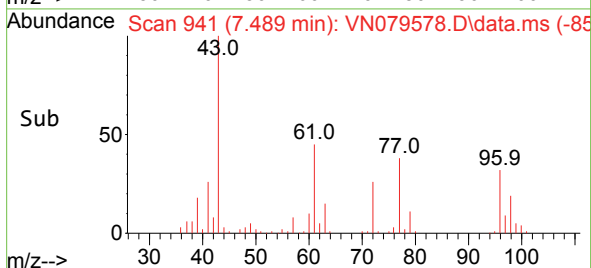
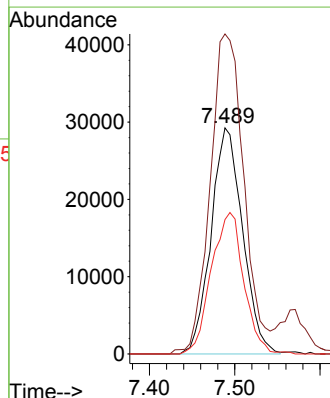
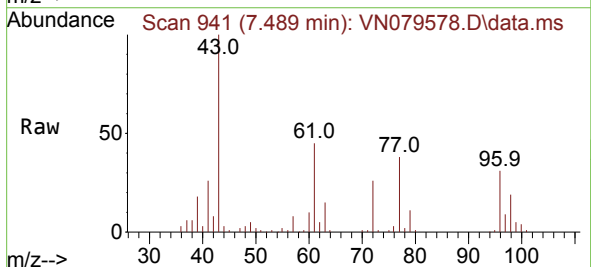
Tgt Ion: 96 Resp: 75427

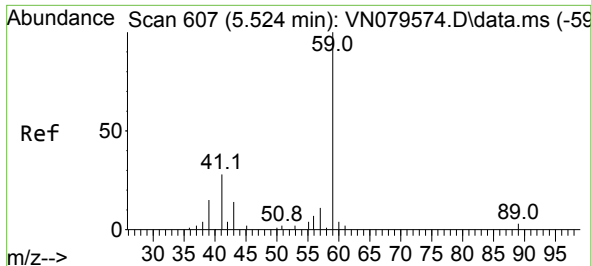
Ion Ratio Lower Upper

96 100

61 146.7 124.6 186.8

98 64.1 54.2 81.4

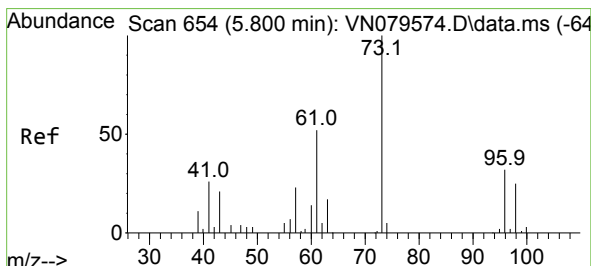
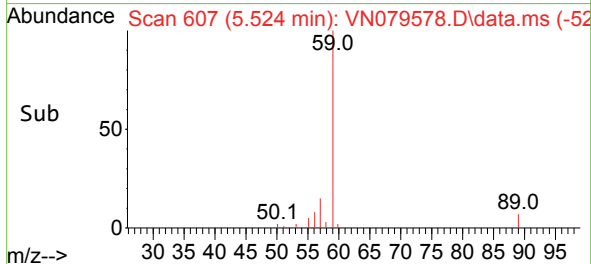
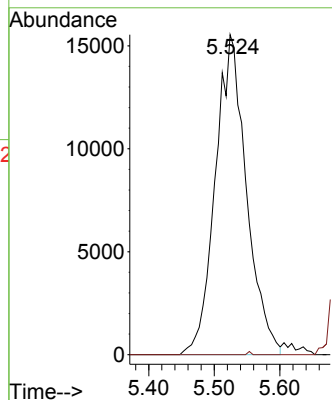
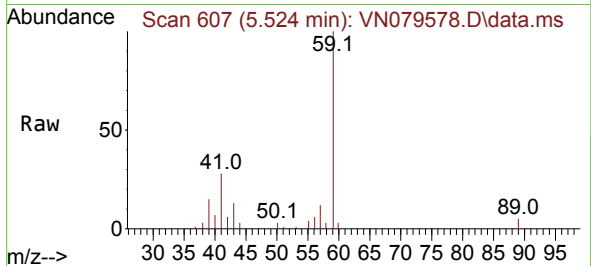




#23
tert-Butyl Alcohol
Concen: 89.071 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

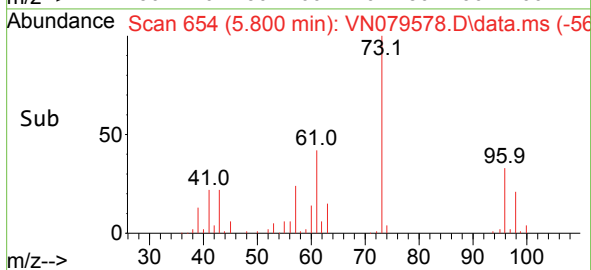
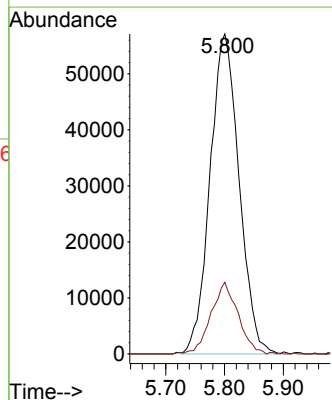
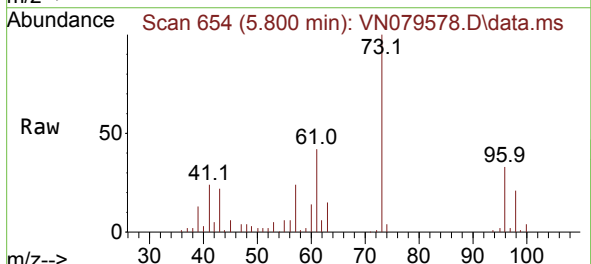
Instrument :
MSVOA_N
ClientSampleId :

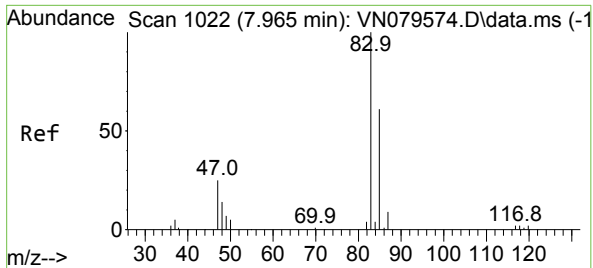
Tgt Ion: 59 Resp: 51263
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.627 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 73 Resp: 196331
Ion Ratio Lower Upper
73 100
43 20.7 16.6 24.8

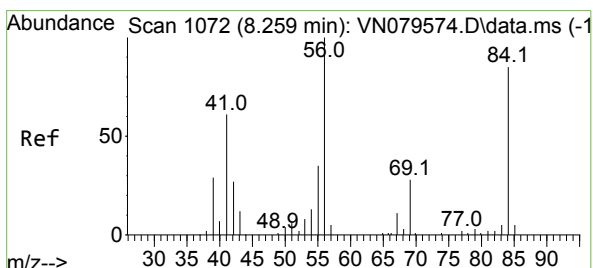
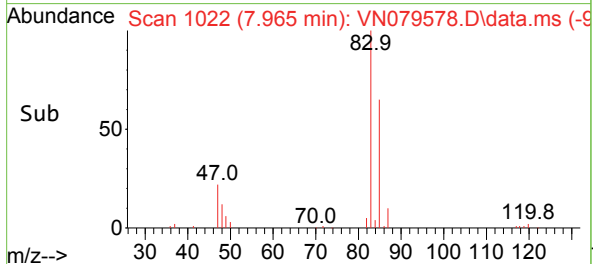
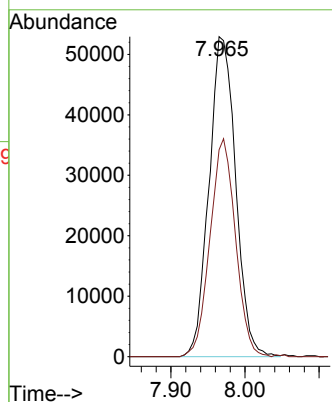
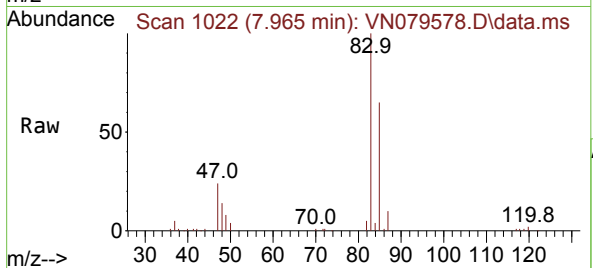




#25
Chloroform
Concen: 19.755 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

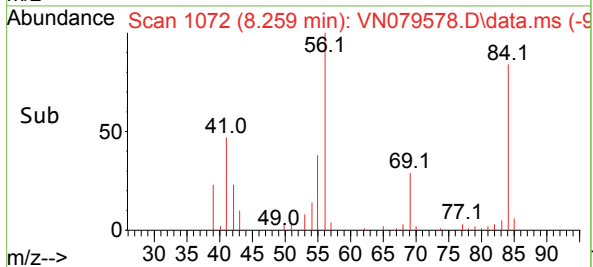
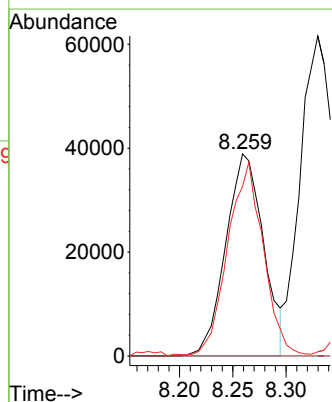
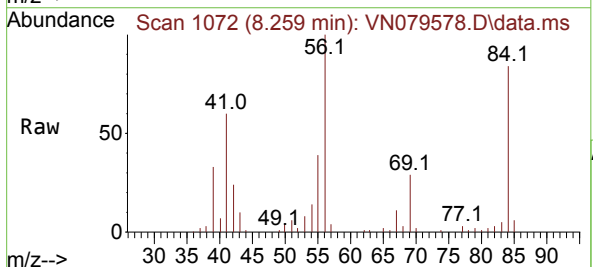
Instrument :
MSVOA_N
ClientSampleId :

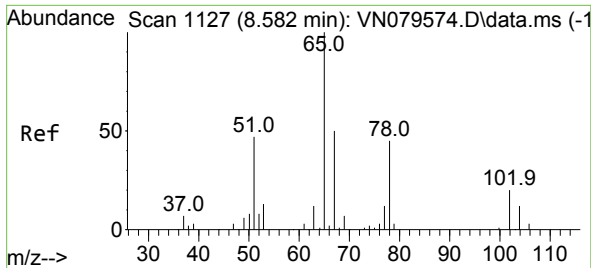
Tgt Ion: 83 Resp: 132205
Ion Ratio Lower Upper
83 100
85 64.6 47.4 71.2



#26
Cyclohexane
Concen: 19.160 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 56 Resp: 95923
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.5 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.924 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

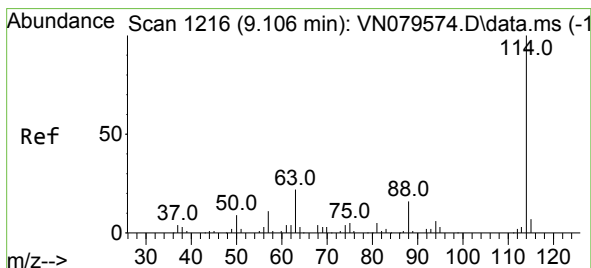
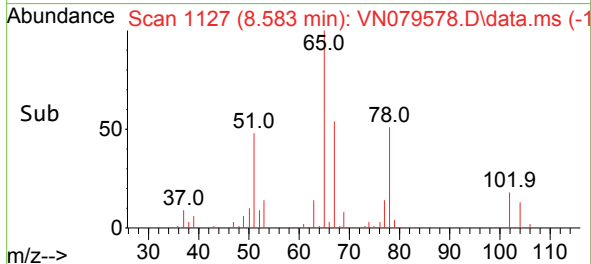
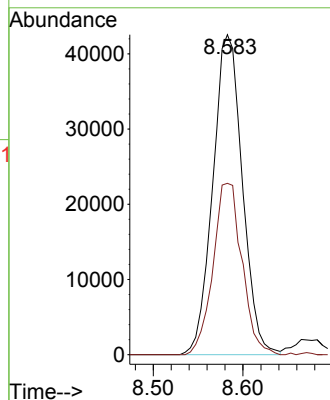
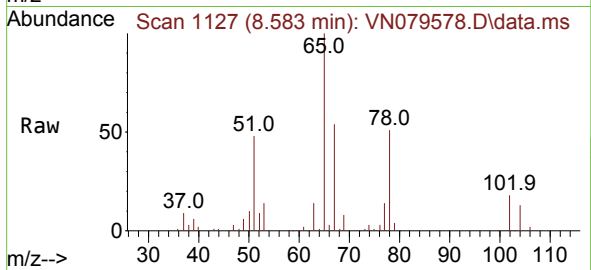
ClientSampleId :

Tgt Ion: 65 Resp: 97282

Ion Ratio Lower Upper

65 100

67 52.4 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

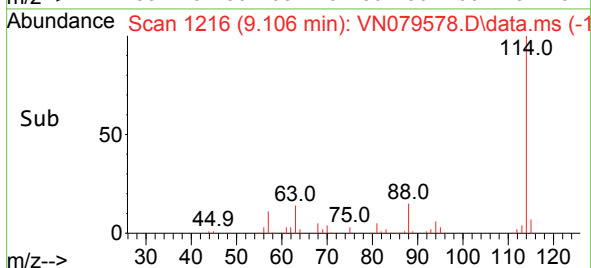
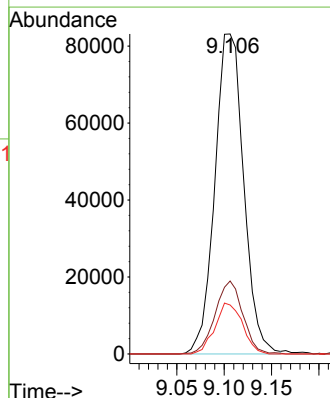
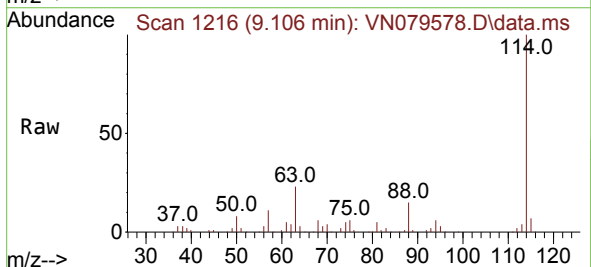
Tgt Ion: 114 Resp: 176161

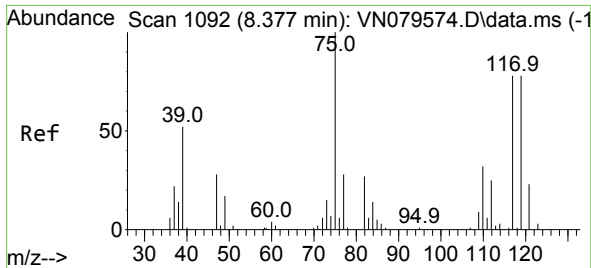
Ion Ratio Lower Upper

114 100

63 21.7 18.1 27.1

88 15.1 12.2 18.2

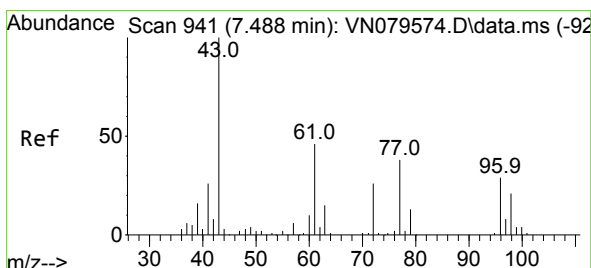
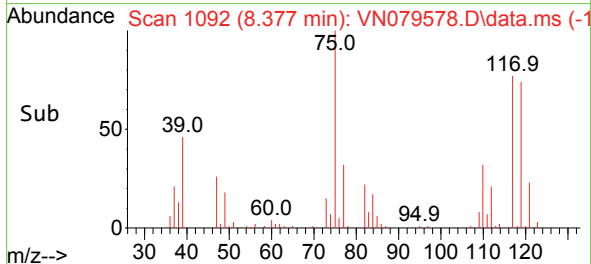
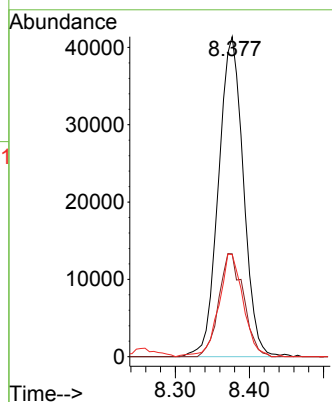
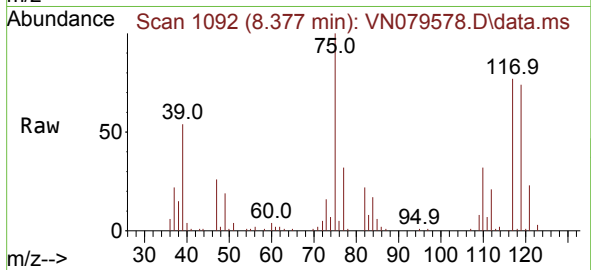




#29
1,1-Dichloropropene
Concen: 18.733 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

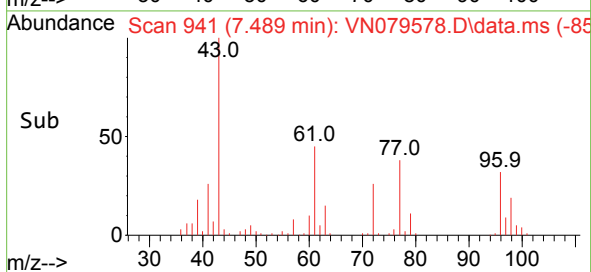
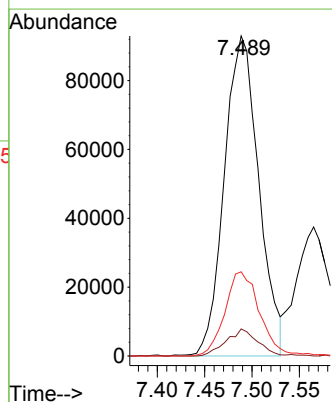
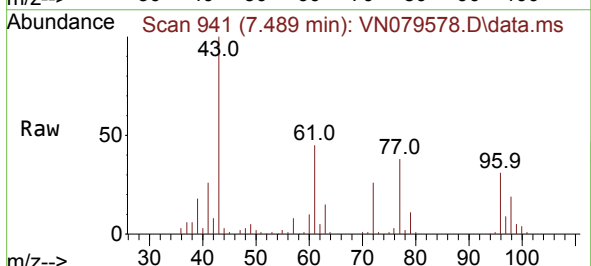
Instrument :
MSVOA_N
ClientSampleId :

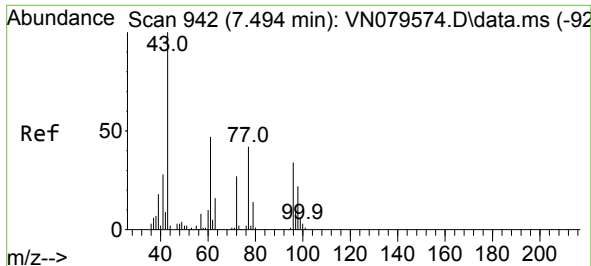
Tgt Ion: 75 Resp: 96436
Ion Ratio Lower Upper
75 100
110 32.0 0.0 66.8
77 31.4 0.0 61.2



#30
2-Butanone
Concen: 91.249 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 43 Resp: 235470
Ion Ratio Lower Upper
43 100
57 7.7 6.4 9.6
72 26.5 20.7 31.1





#31

2,2-Dichloropropane

Concen: 18.494 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

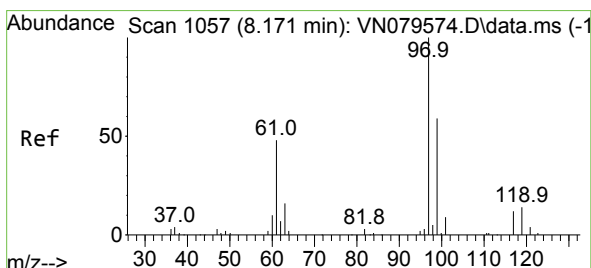
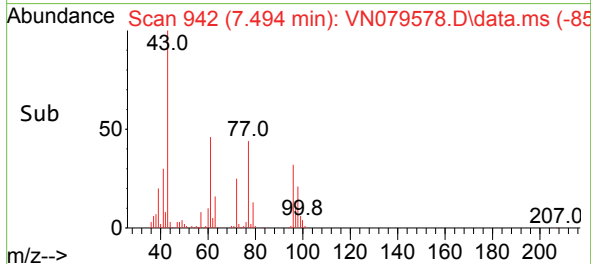
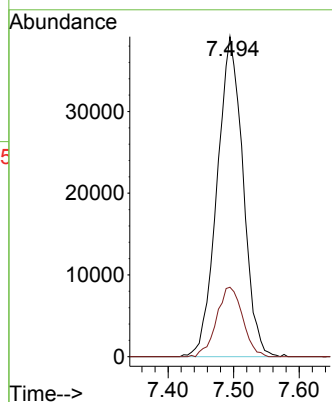
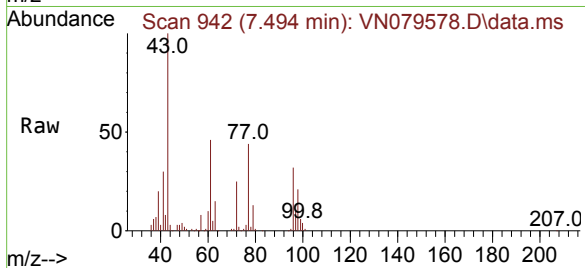
ClientSampleId :

Tgt Ion: 77 Resp: 107348

Ion Ratio Lower Upper

77 100

97 21.8 17.9 26.9



#32

1,1,1-Trichloroethane

Concen: 17.896 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

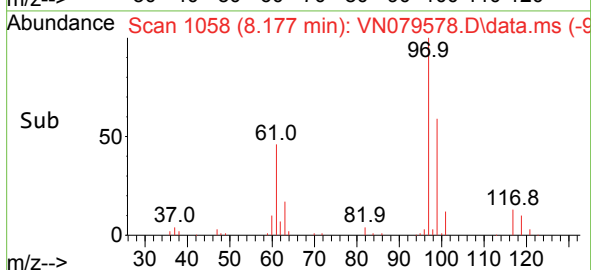
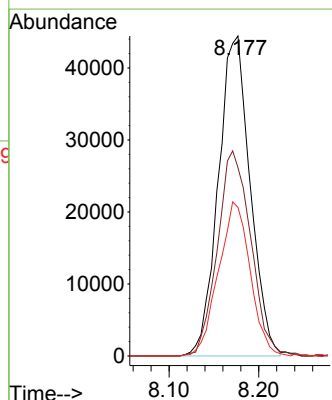
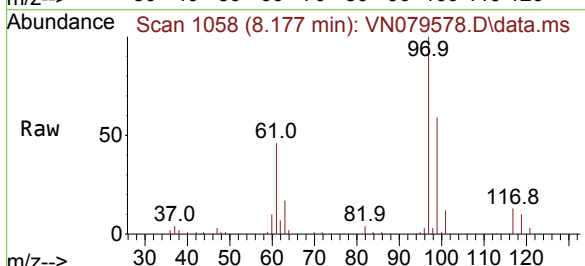
Tgt Ion: 97 Resp: 109500

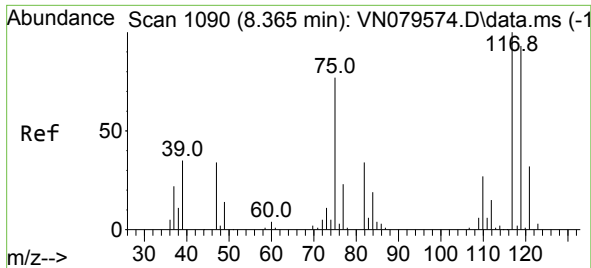
Ion Ratio Lower Upper

97 100

99 67.1 51.9 77.9

61 47.9 37.6 56.4

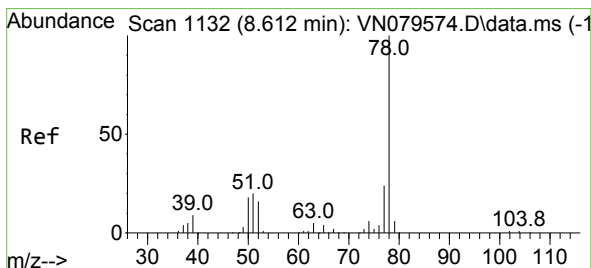
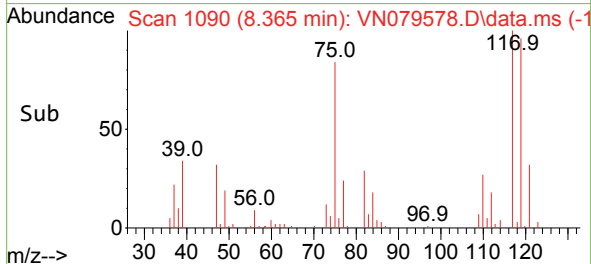
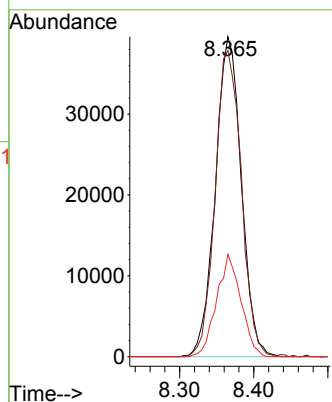
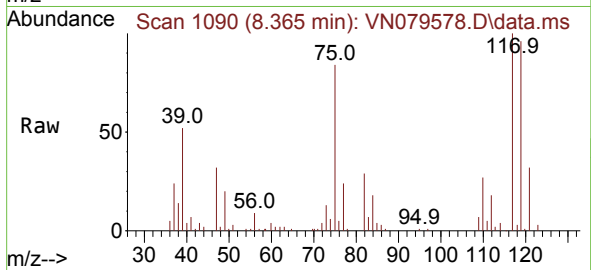




#33
Carbon Tetrachloride
Concen: 18.503 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

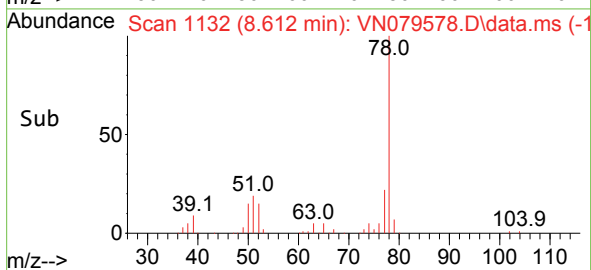
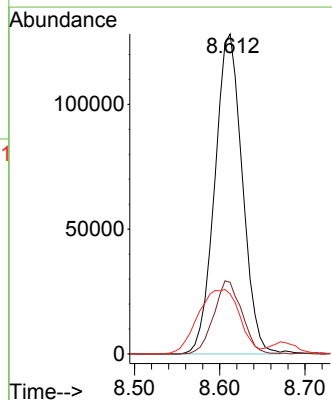
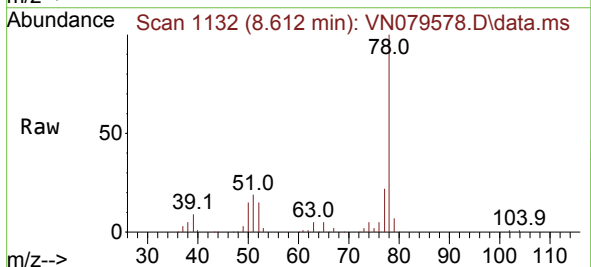
Instrument :
MSVOA_N
ClientSampleId :

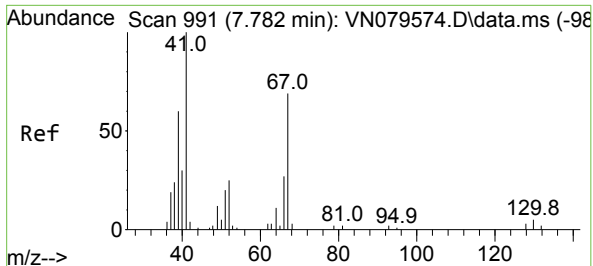
Tgt Ion:117 Resp: 96286
Ion Ratio Lower Upper
117 100
119 95.6 75.0 112.6
121 31.9 24.3 36.5



#34
Benzene
Concen: 18.388 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 78 Resp: 287614
Ion Ratio Lower Upper
78 100
77 22.4 19.7 29.5
51 17.1 15.8 23.6



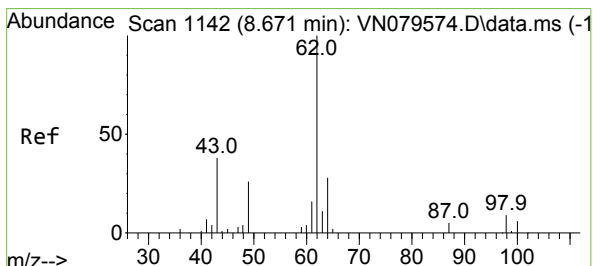
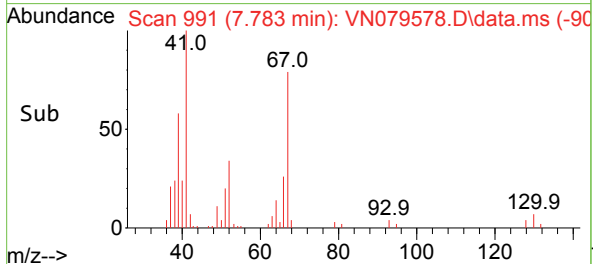
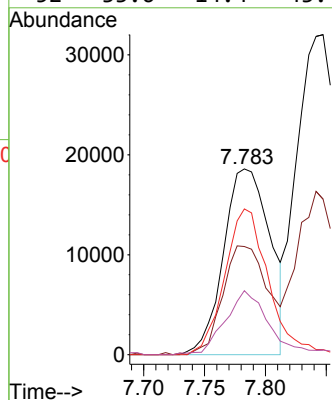
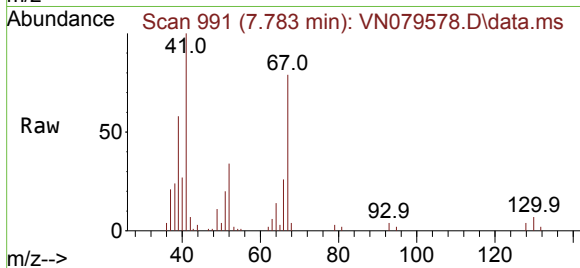


#35
Methacrylonitrile
Concen: 18.245 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 49527

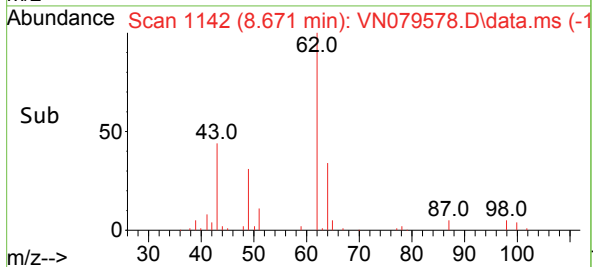
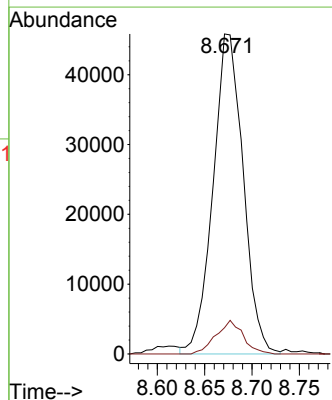
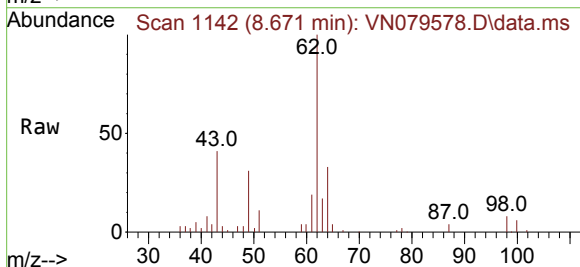
Ion	Ratio	Lower	Upper
41	100		
39	57.4	26.3	78.8
67	78.5	37.5	112.3
52	33.6	14.4	43.4

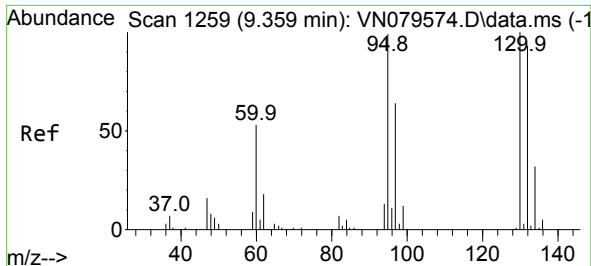


#36
1,2-Dichloroethane
Concen: 18.160 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 62 Resp: 101417

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.2	10.8

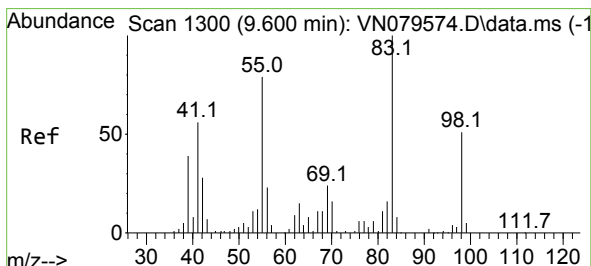
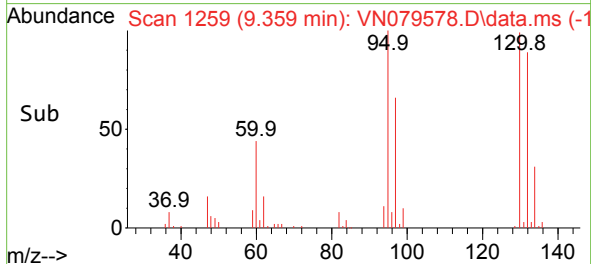
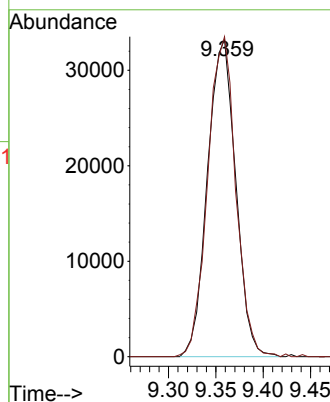
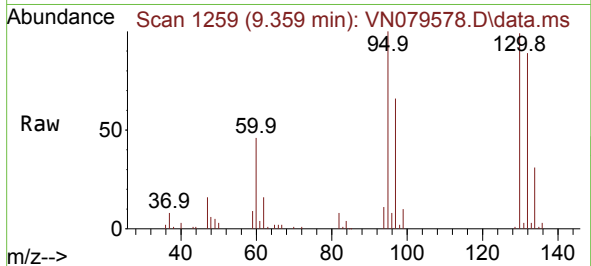




#37
Trichloroethene
Concen: 18.844 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

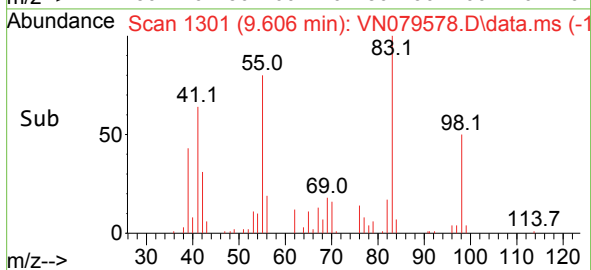
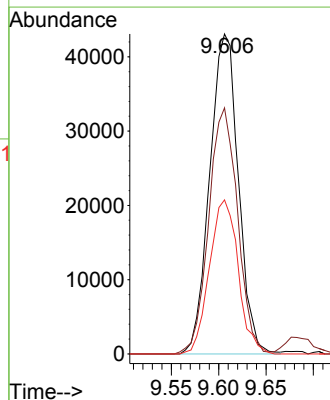
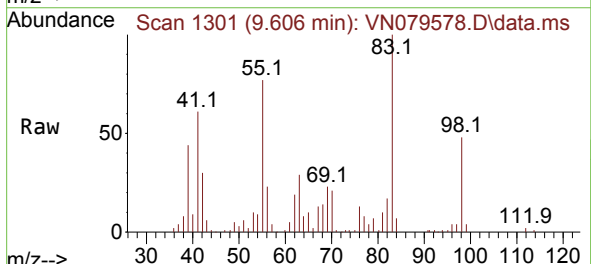
Instrument :
MSVOA_N
ClientSampleId :

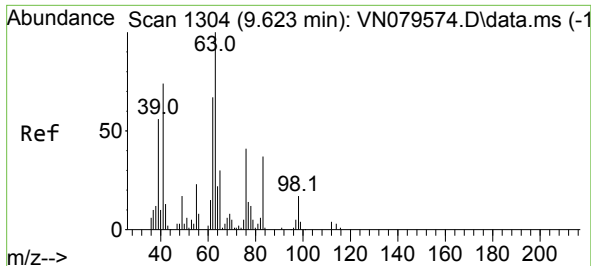
Tgt Ion:130 Resp: 68896
Ion Ratio Lower Upper
130 100
95 100.8 81.2 121.8



#38
Methylcyclohexane
Concen: 18.285 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 83 Resp: 90629
Ion Ratio Lower Upper
83 100
55 77.5 39.7 119.1
98 48.3 24.4 73.2





#39

1,2-Dichloropropane

Concen: 18.172 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

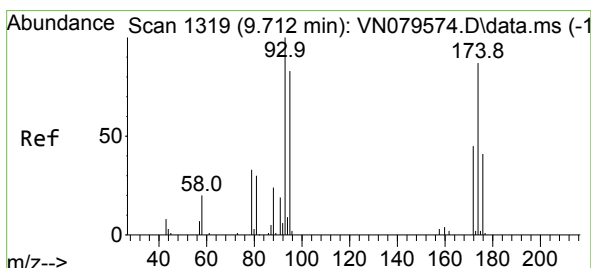
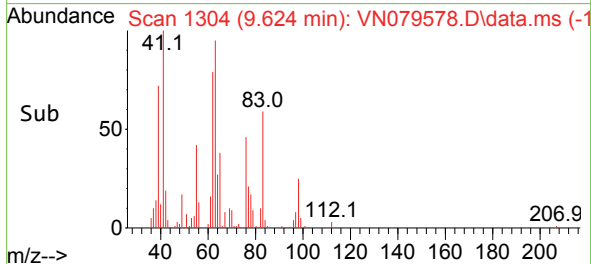
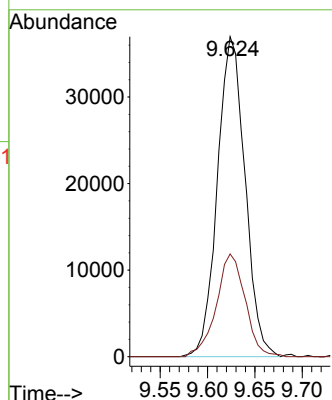
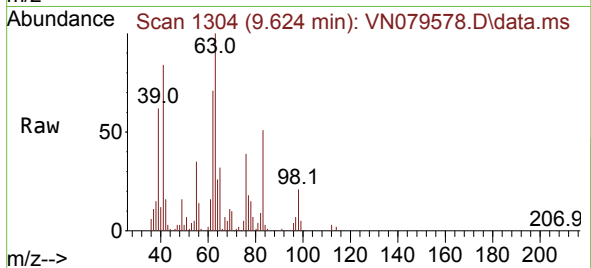
ClientSampleId :

Tgt Ion: 63 Resp: 75007

Ion Ratio Lower Upper

63 100

65 32.1 25.3 37.9



#40

Dibromomethane

Concen: 18.546 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

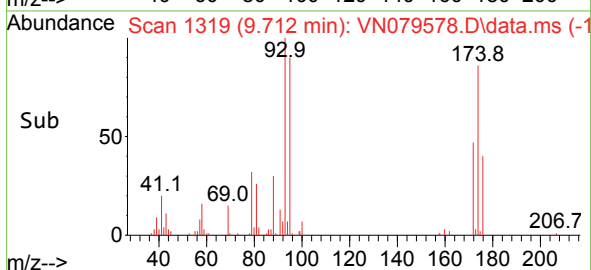
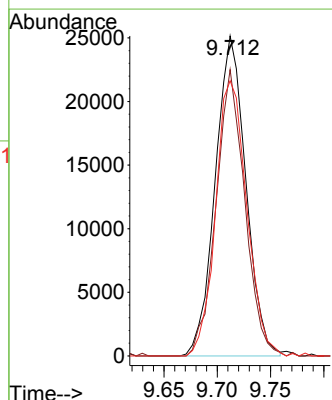
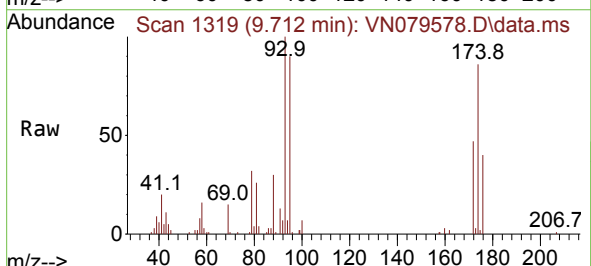
Tgt Ion: 93 Resp: 50238

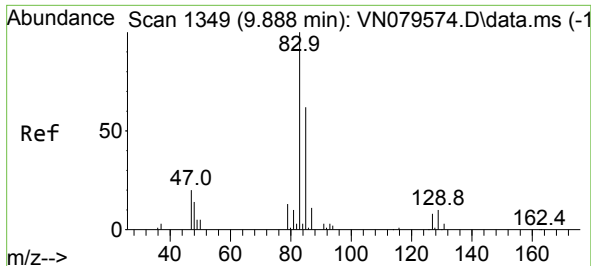
Ion Ratio Lower Upper

93 100

95 83.7 0.0 166.6

174 87.5 0.0 171.0

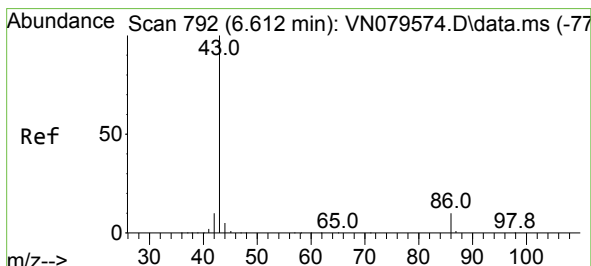
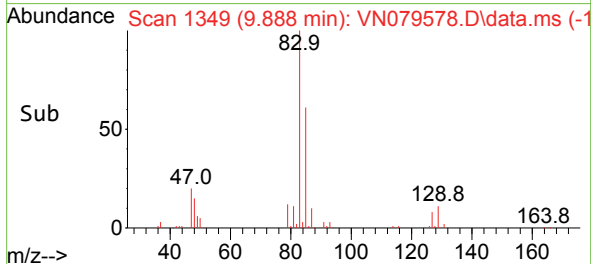
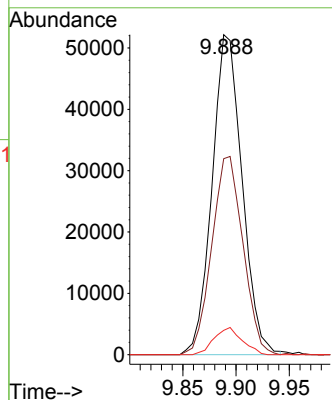
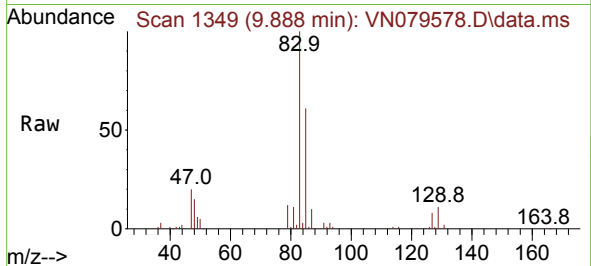




#41
Bromodichloromethane
Concen: 18.187 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

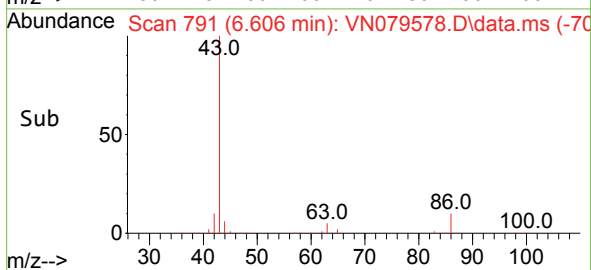
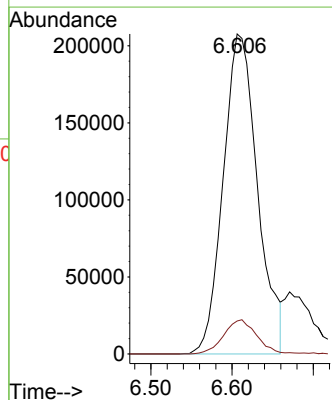
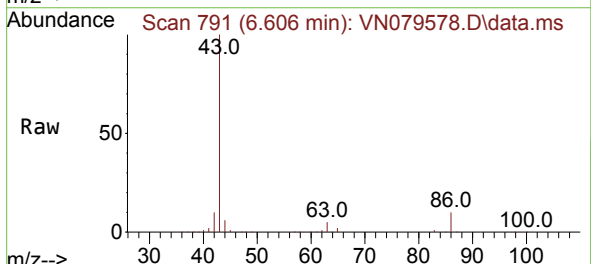
Instrument :
MSVOA_N
ClientSampleId :

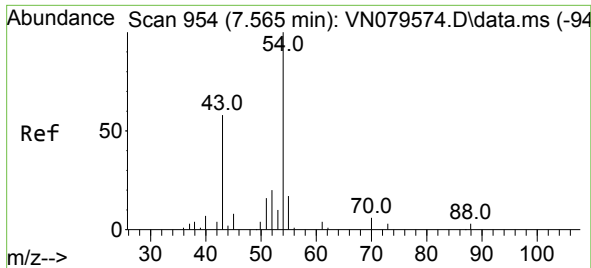
Tgt Ion: 83 Resp: 102096
Ion Ratio Lower Upper
83 100
85 61.3 50.3 75.5
127 7.6 6.8 10.2



#42
Vinyl Acetate
Concen: 93.427 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 43 Resp: 611576
Ion Ratio Lower Upper
43 100
86 10.2 8.2 12.2

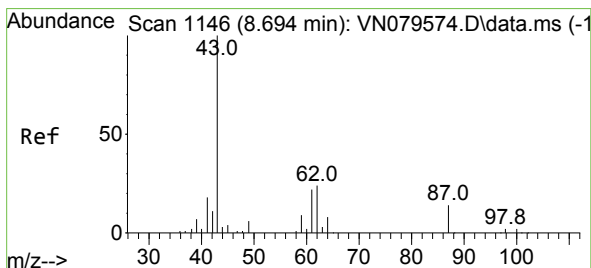
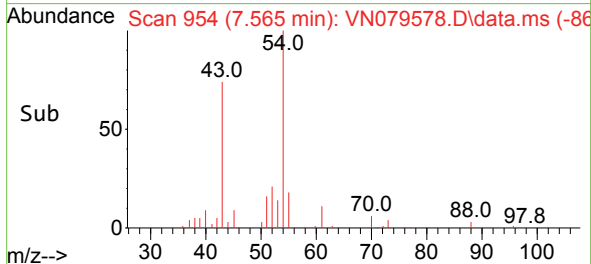
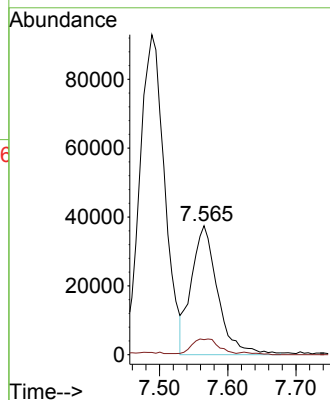
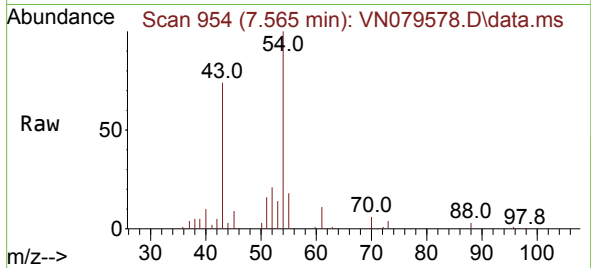




#43
Ethyl Acetate
Concen: 20.713 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

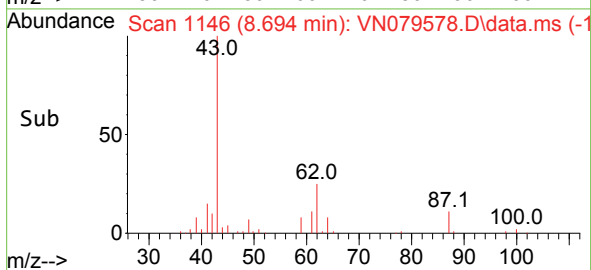
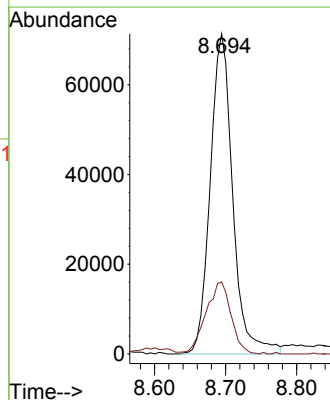
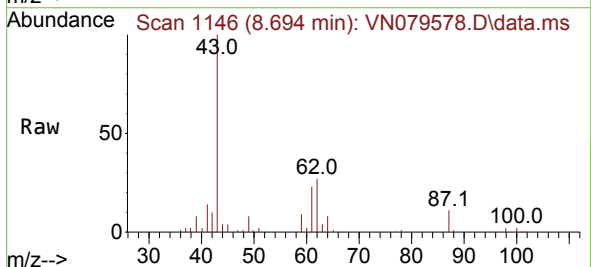
Instrument :
MSVOA_N
ClientSampleId :

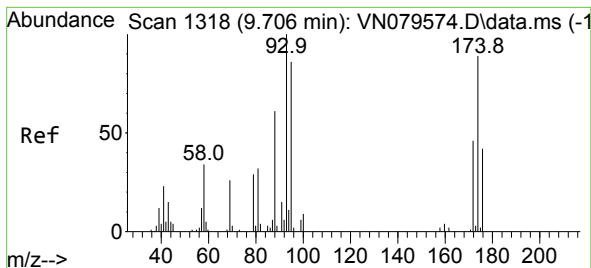
Tgt Ion: 43 Resp: 100508
Ion Ratio Lower Upper
43 100
45 5.7 11.8 17.8#



#44
Isopropyl Acetate
Concen: 18.207 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 43 Resp: 157046
Ion Ratio Lower Upper
43 100
61 25.2 20.3 30.5





#45

1,4-Dioxane

Concen: 362.201 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

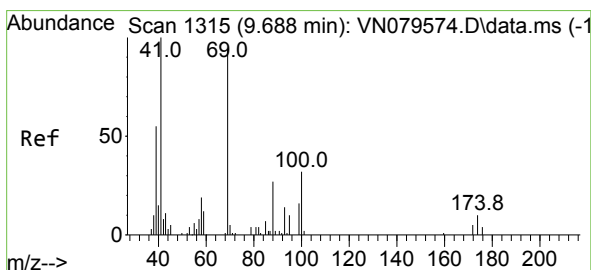
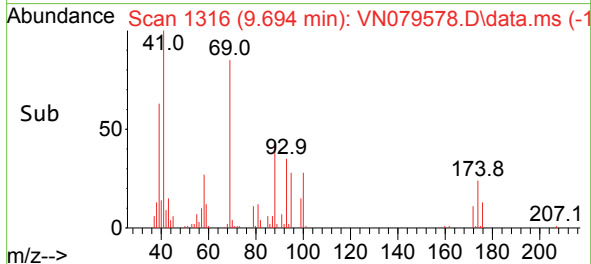
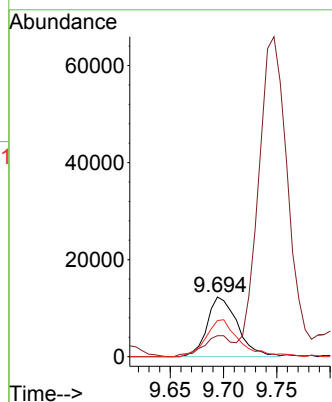
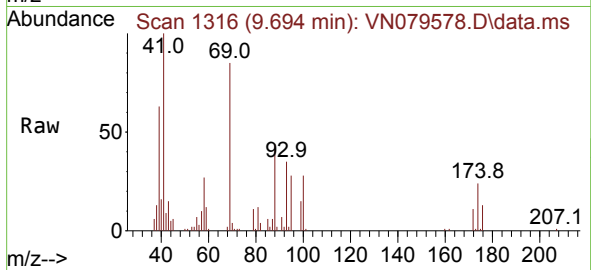
Tgt Ion: 88 Resp: 24456

Ion Ratio Lower Upper

88 100

43 34.7 28.7 43.1

58 65.1 56.9 85.3



#46

Methyl methacrylate

Concen: 18.195 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

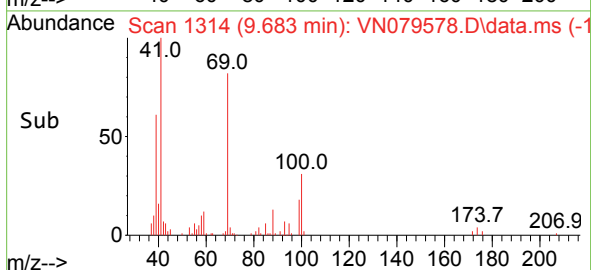
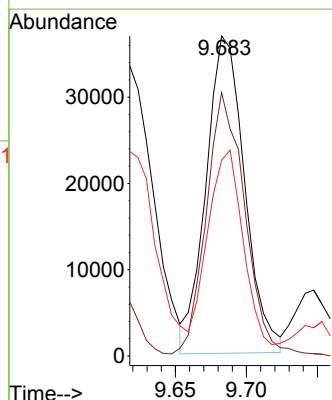
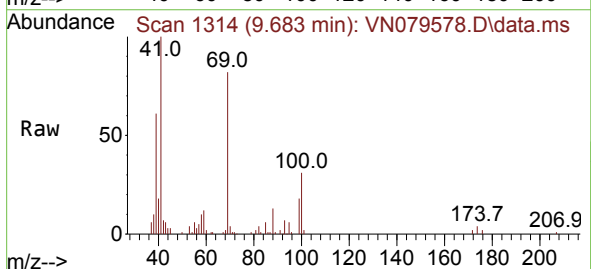
Tgt Ion: 41 Resp: 69629

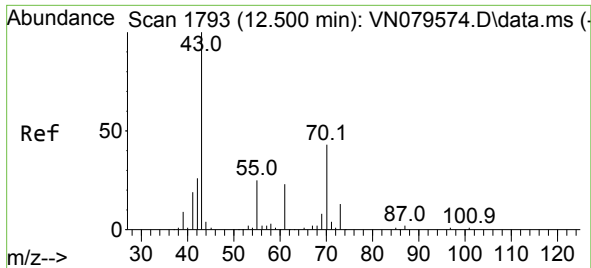
Ion Ratio Lower Upper

41 100

69 85.0 40.0 119.9

39 60.9 31.1 93.3

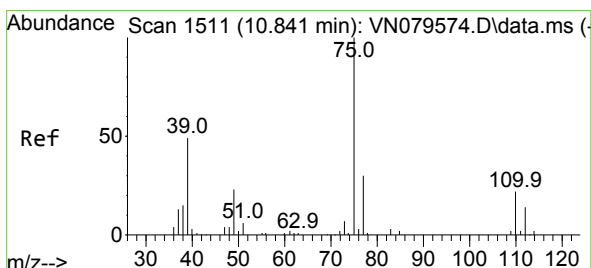
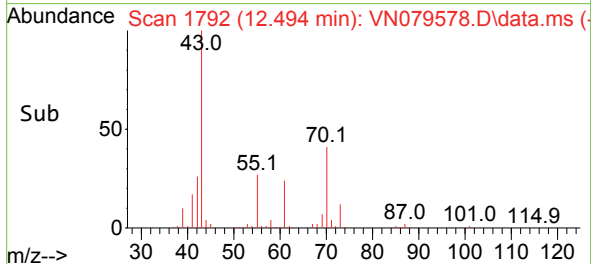
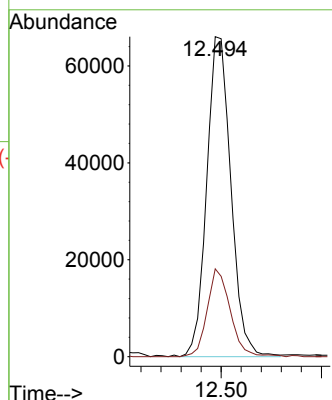
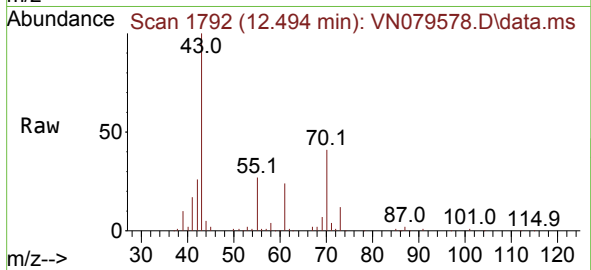




#47
n-amy1 Acetate
Concen: 17.801 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

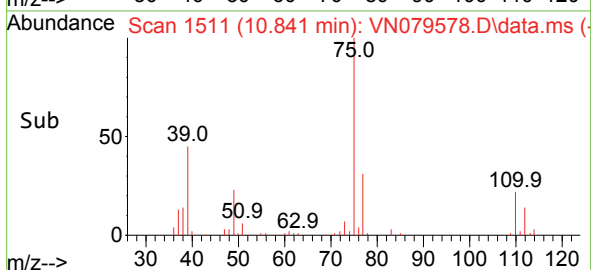
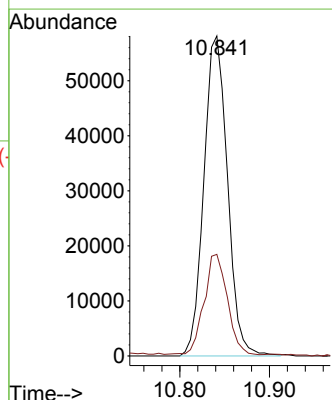
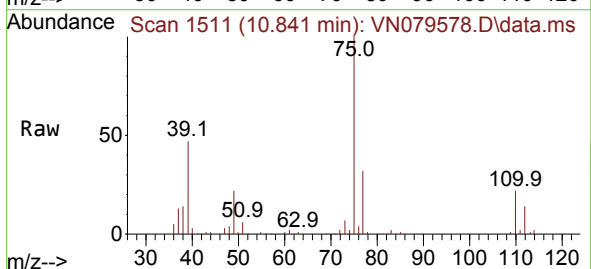
Instrument :
MSVOA_N
ClientSampleId :

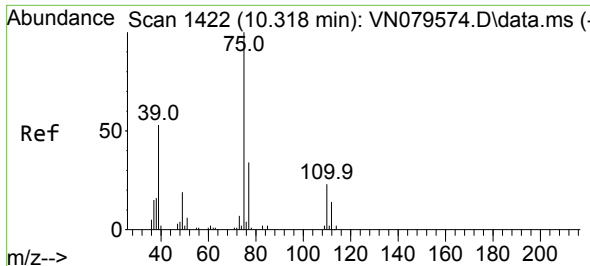
Tgt Ion: 43 Resp: 110819
Ion Ratio Lower Upper
43 100
55 25.9 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 18.737 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 75 Resp: 106333
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

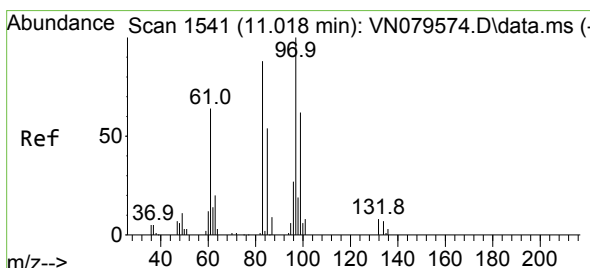
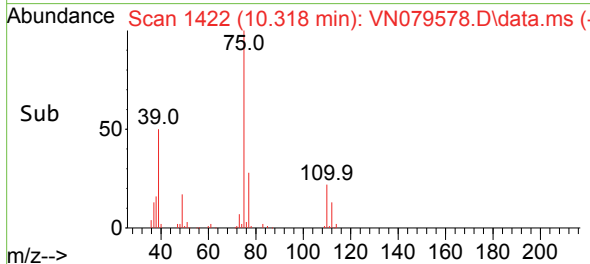
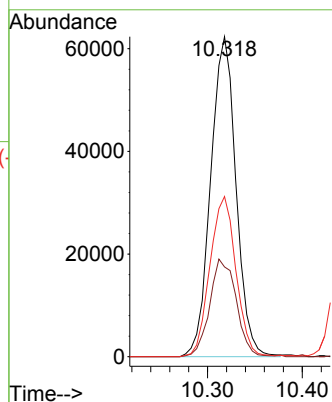
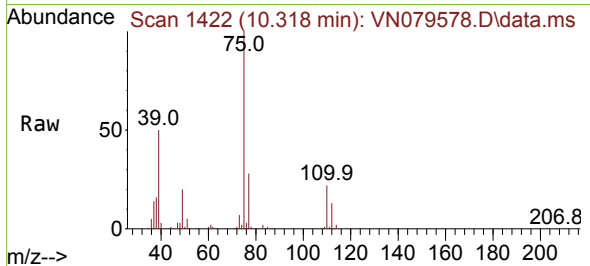




#49
 cis-1,3-Dichloropropene
 Concen: 18.683 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079578.D
 Acq: 17 Oct 2023 13:26

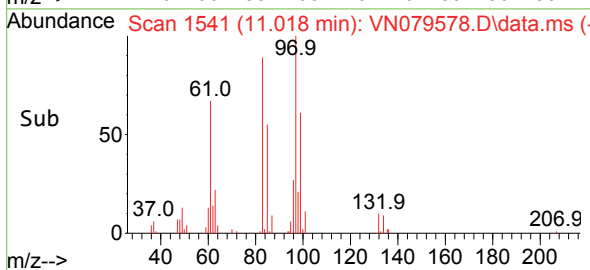
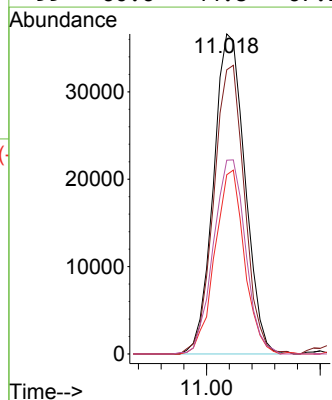
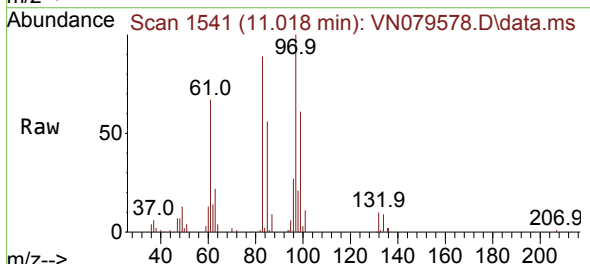
Instrument :
 MSVOA_N
 ClientSampleId :

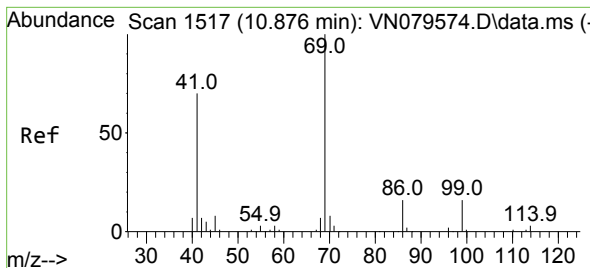
Tgt Ion: 75 Resp: 115939
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.8 38.6
 39 50.1 42.4 63.6



#50
 1,1,2-Trichloroethane
 Concen: 18.754 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079578.D
 Acq: 17 Oct 2023 13:26

Tgt Ion: 97 Resp: 70475
 Ion Ratio Lower Upper
 97 100
 83 88.8 68.2 102.4
 85 56.0 42.9 64.3
 99 60.6 44.8 67.2

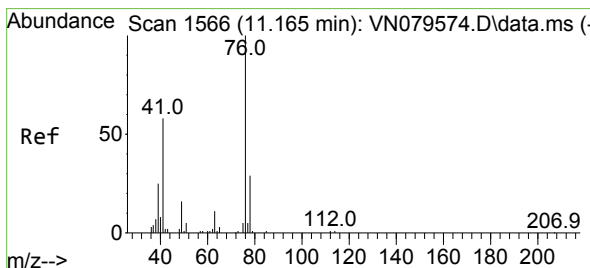
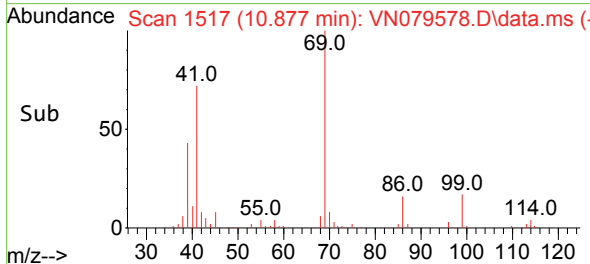
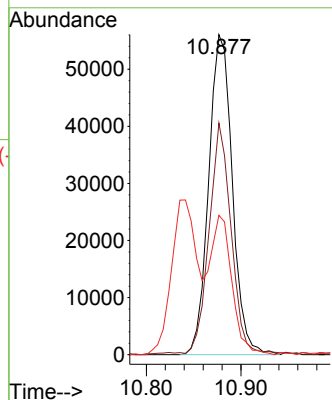
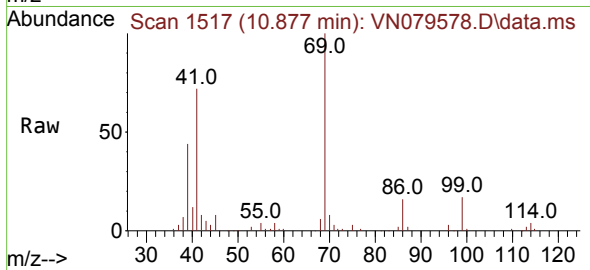




#51
Ethyl methacrylate
Concen: 18.750 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

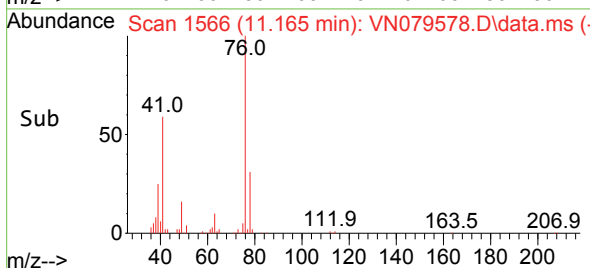
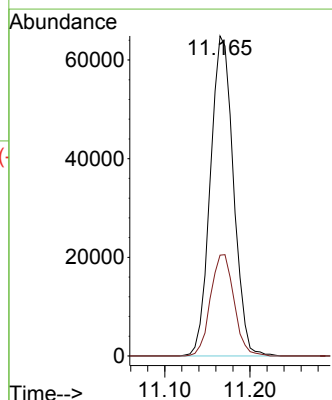
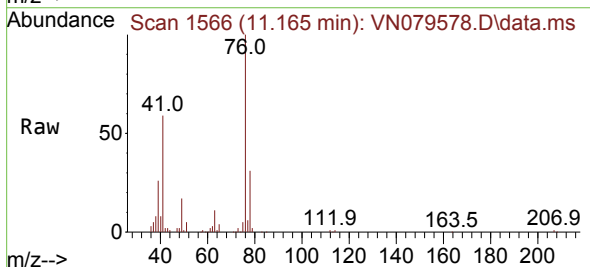
Instrument :
MSVOA_N
ClientSampleId :

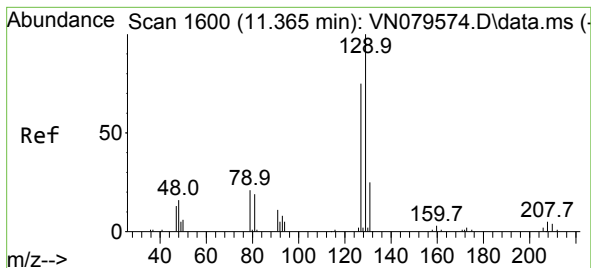
Tgt Ion: 69 Resp: 97213
Ion Ratio Lower Upper
69 100
41 71.8 33.8 101.3
39 43.0 21.3 63.9



#52
1,3-Dichloropropane
Concen: 18.348 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 76 Resp: 122151
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.0





#53

Dibromochloromethane

Concen: 18.547 ug/l

RT: 11.359 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

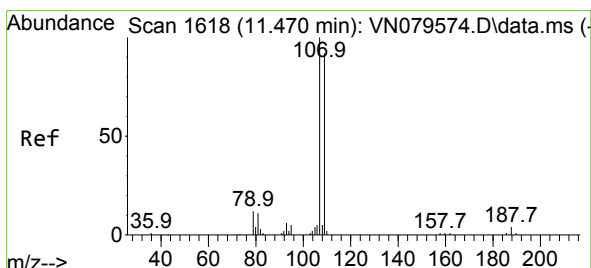
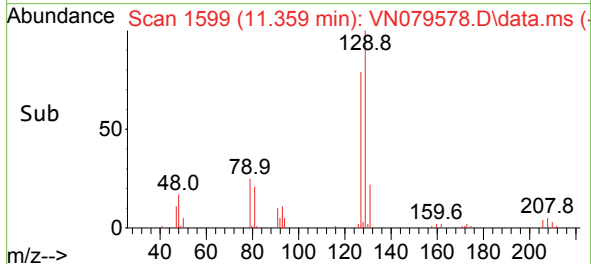
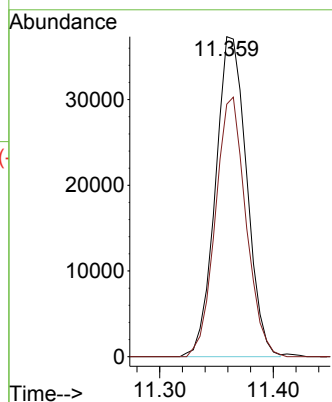
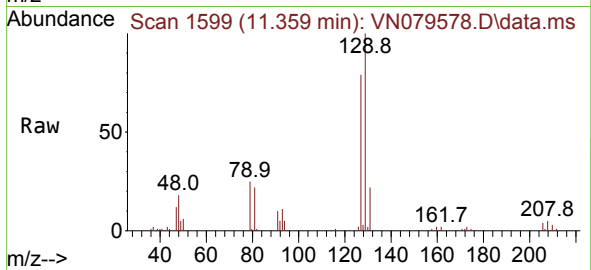
ClientSampleId :

Tgt Ion:129 Resp: 71235

Ion Ratio Lower Upper

129 100

127 79.5 38.8 116.3



#54

1,2-Dibromoethane

Concen: 18.400 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN079578.D

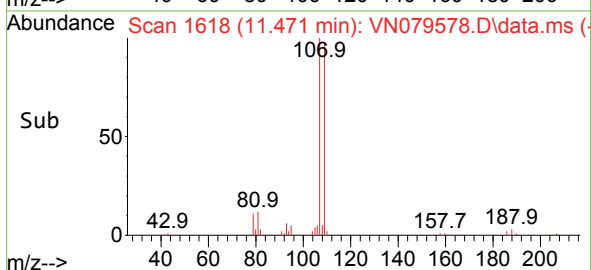
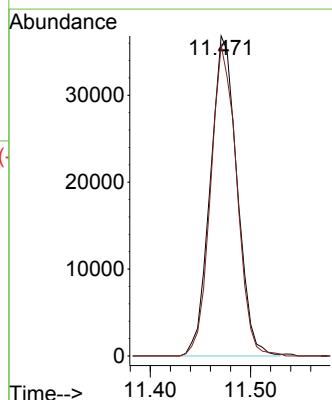
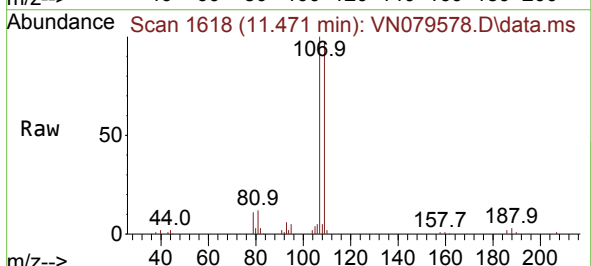
Acq: 17 Oct 2023 13:26

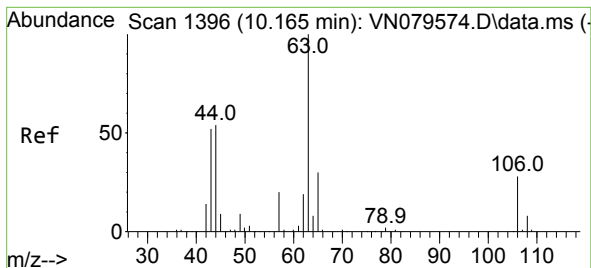
Tgt Ion:107 Resp: 68217

Ion Ratio Lower Upper

107 100

109 94.3 73.2 109.8

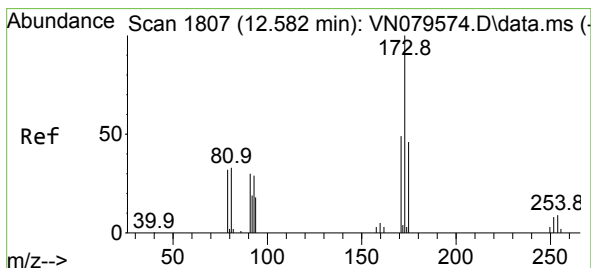
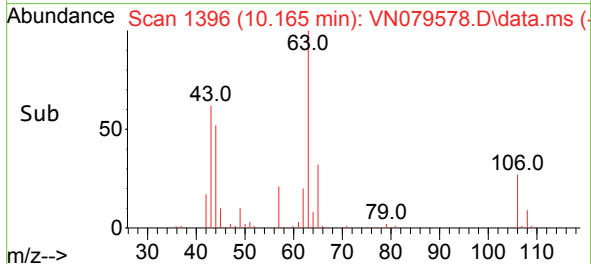
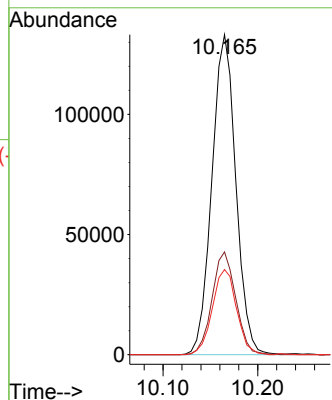
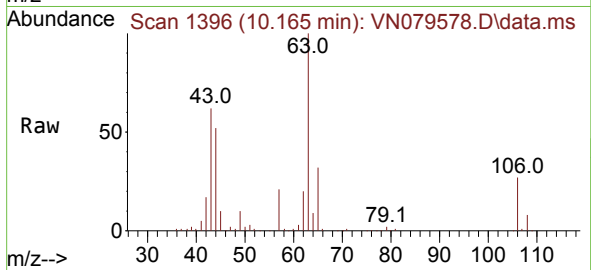




#55
2-Chloroethyl vinyl ether
Concen: 118.419 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

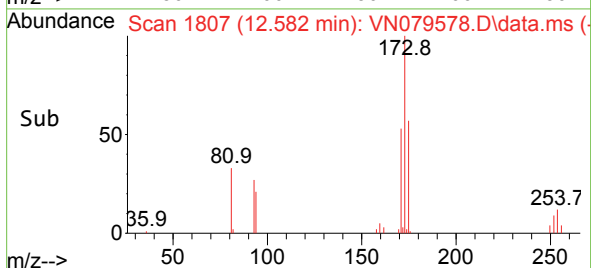
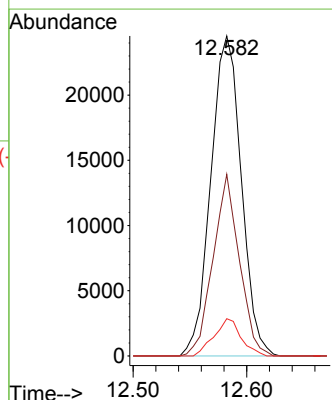
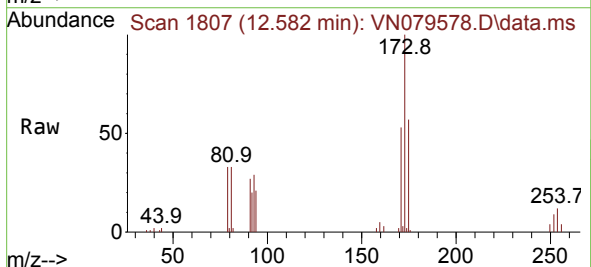
Instrument :
MSVOA_N
ClientSampleId :

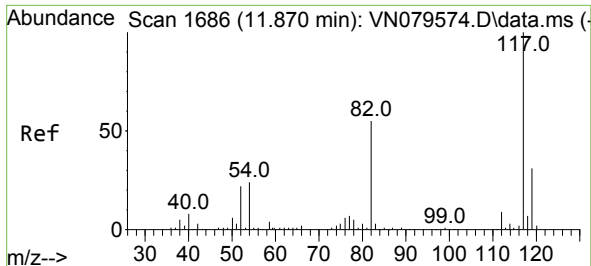
Tgt Ion: 63 Resp: 234250
Ion Ratio Lower Upper
63 100
65 31.8 25.9 38.9
106 26.9 20.6 30.8



#56
Bromoform
Concen: 18.014 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

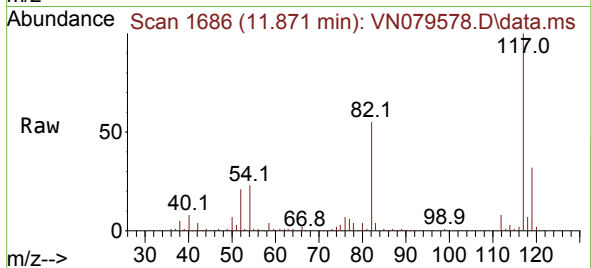
Tgt Ion: 173 Resp: 45770
Ion Ratio Lower Upper
173 100
175 49.0 37.9 56.9
254 10.3 7.3 10.9



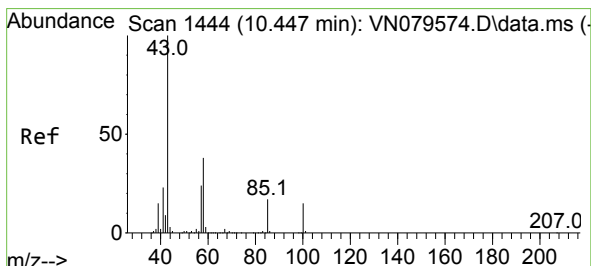
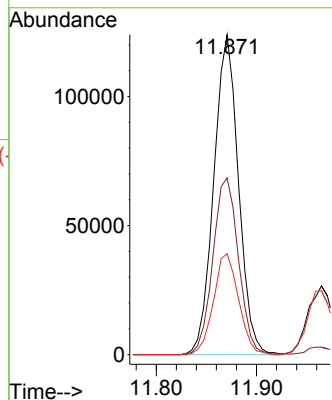
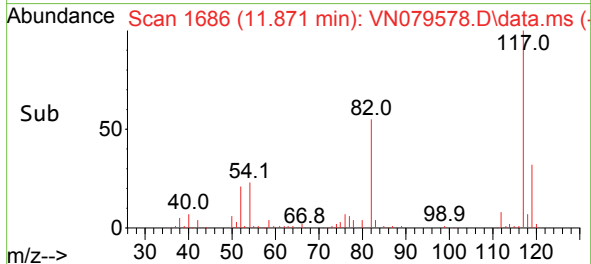


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Instrument :
MSVOA_N
ClientSampleId :

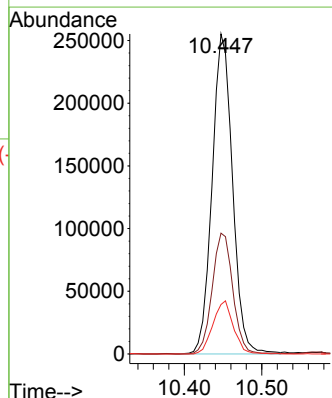
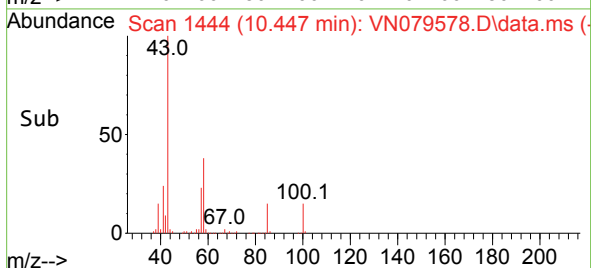
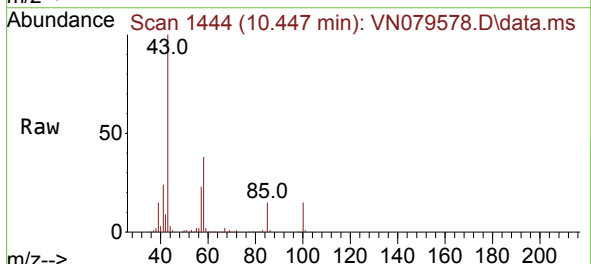


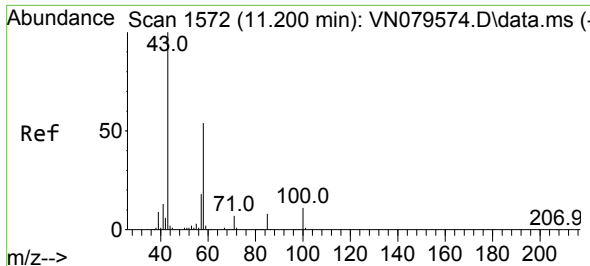
Tgt Ion:117 Resp: 212068
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.2
119 32.2 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 94.452 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

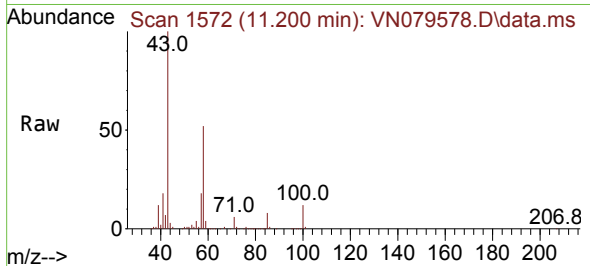
Tgt Ion: 43 Resp: 467200
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6
85 16.6 13.2 19.8



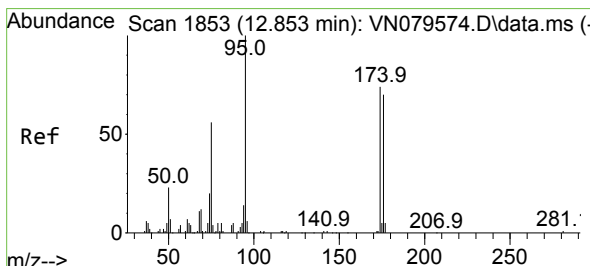
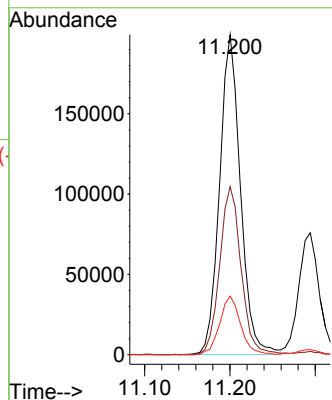
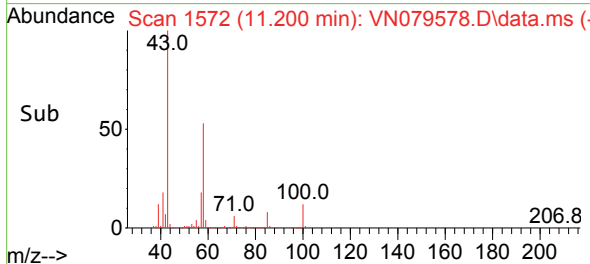


#59
2-Hexanone
Concen: 93.547 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Instrument :
MSVOA_N
ClientSampleId :

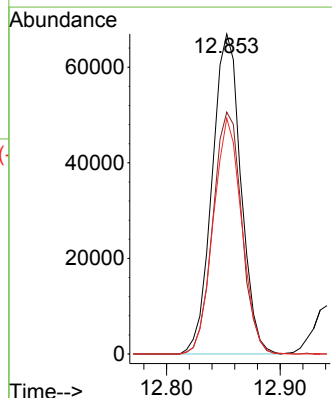
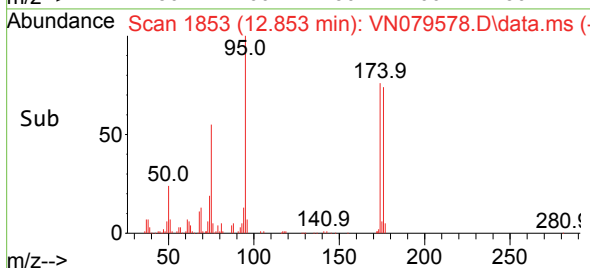
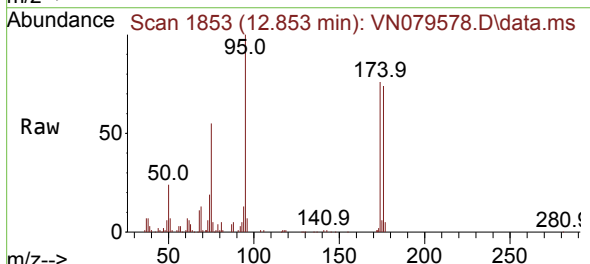


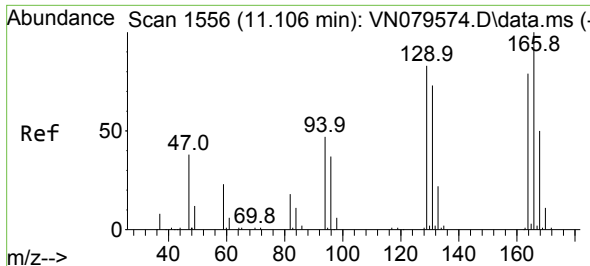
Tgt Ion: 43 Resp: 339466
Ion Ratio Lower Upper
43 100
58 53.6 42.3 63.5
57 18.4 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 30.388 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

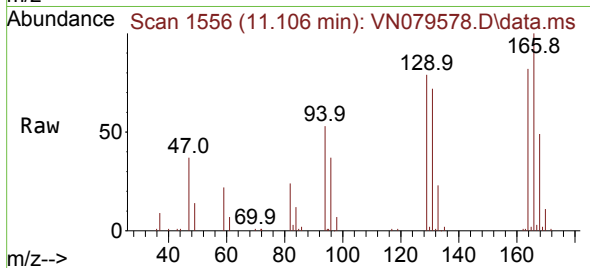
Tgt Ion: 95 Resp: 117850
Ion Ratio Lower Upper
95 100
174 75.6 60.5 90.7
176 72.7 57.2 85.8



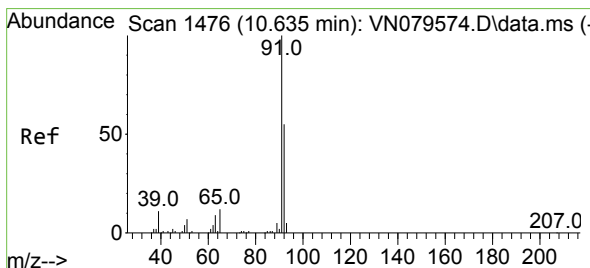
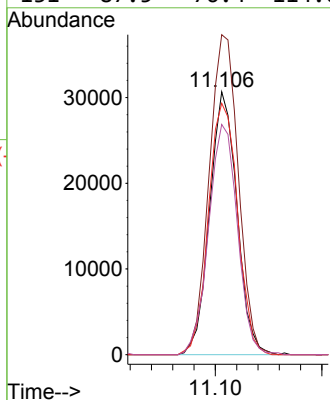
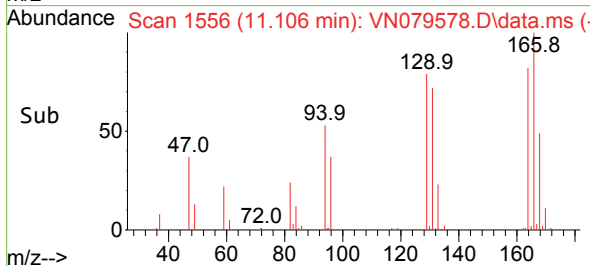


#61
Tetrachloroethene
Concen: 18.791 ug/l
RT: 11.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Instrument :
MSVOA_N
ClientSampleId :

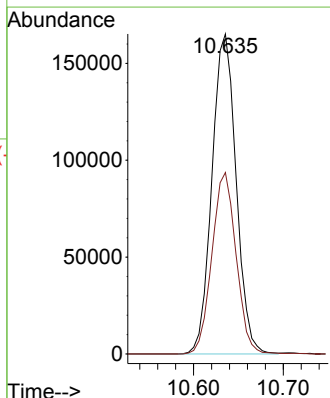
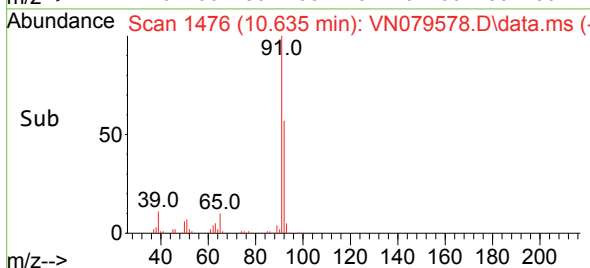
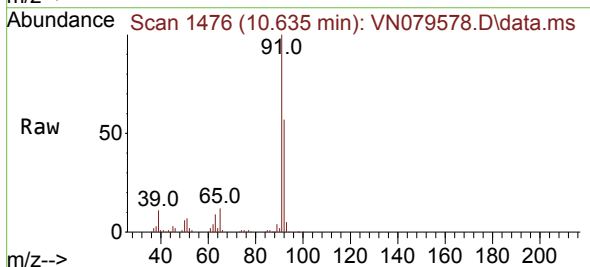


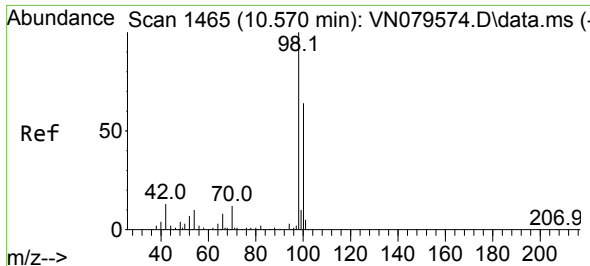
Tgt Ion:164 Resp: 54714
Ion Ratio Lower Upper
164 100
166 121.7 98.2 147.4
129 95.6 75.0 112.4
131 87.5 76.4 114.6



#62
Toluene
Concen: 19.061 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 91 Resp: 308932
Ion Ratio Lower Upper
91 100
92 56.6 45.3 67.9

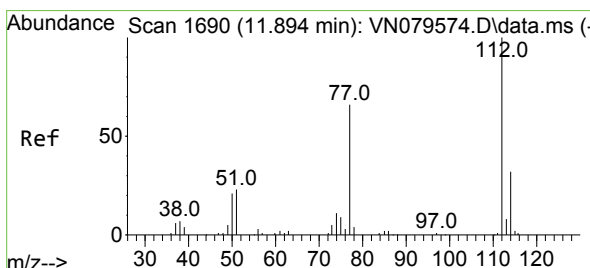
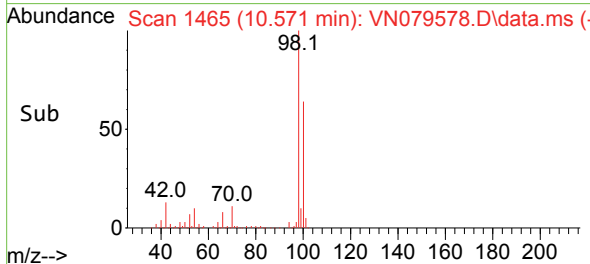
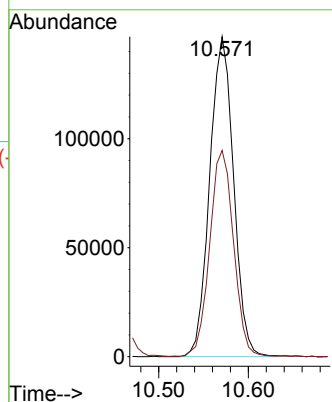
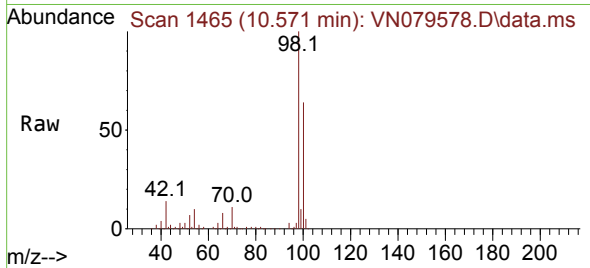




#63
Toluene-d8
Concen: 29.865 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

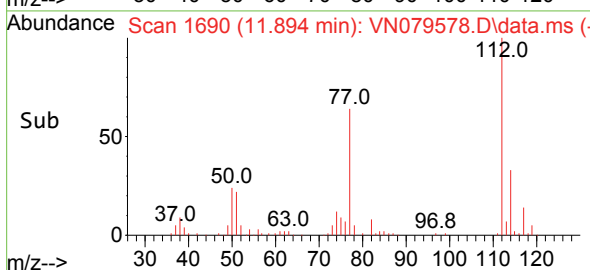
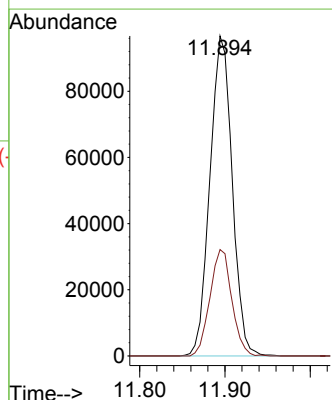
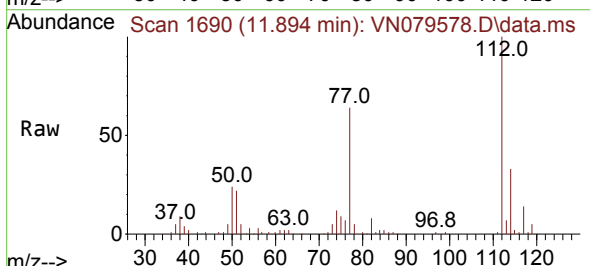
Instrument :
MSVOA_N
ClientSampleId :

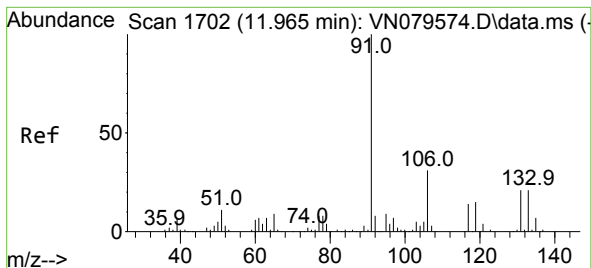
Tgt Ion: 98 Resp: 271388
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#64
Chlorobenzene
Concen: 18.686 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 112 Resp: 175650
Ion Ratio Lower Upper
112 100
114 33.2 28.1 42.1

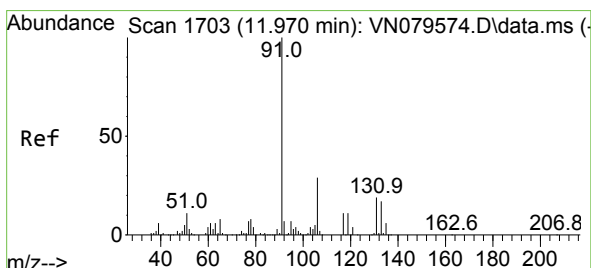
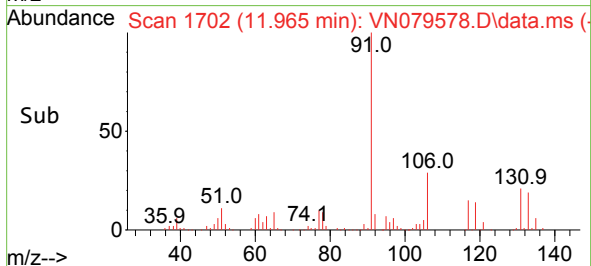
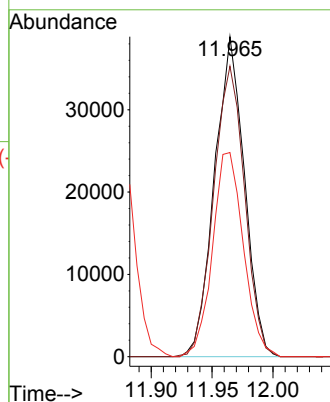
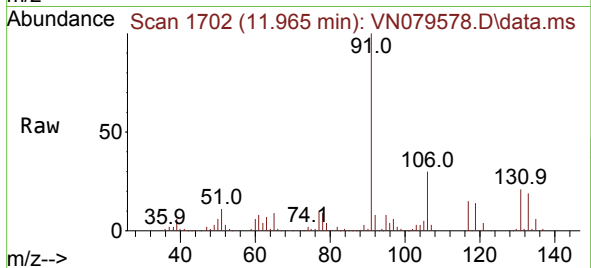




#65
1,1,1,2-Tetrachloroethane
Concen: 18.607 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

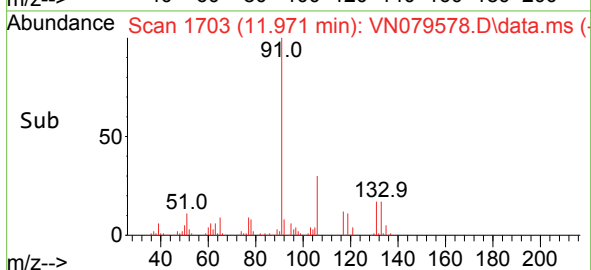
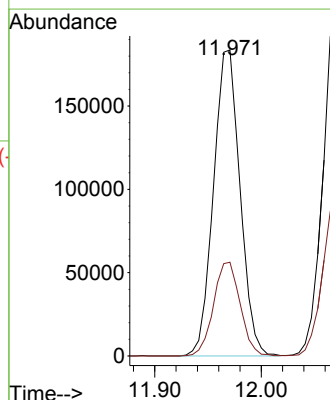
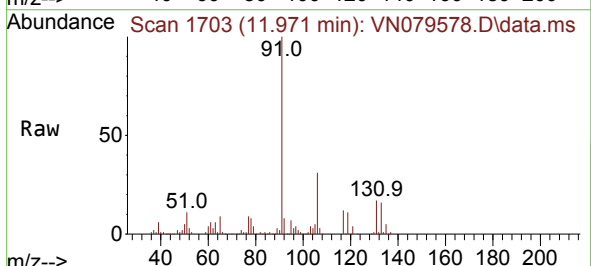
Instrument :
MSVOA_N
ClientSampleId :

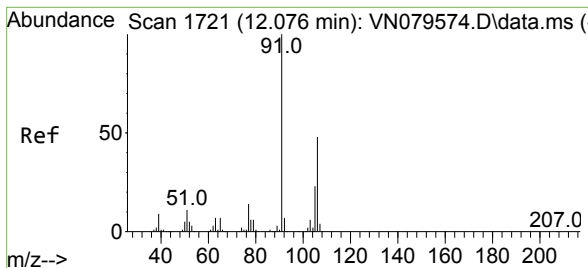
Tgt Ion:131 Resp: 66627
Ion Ratio Lower Upper
131 100
133 94.1 0.0 196.0
119 65.8 0.0 135.6



#66
Ethyl Benzene
Concen: 19.025 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 91 Resp: 317708
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.8

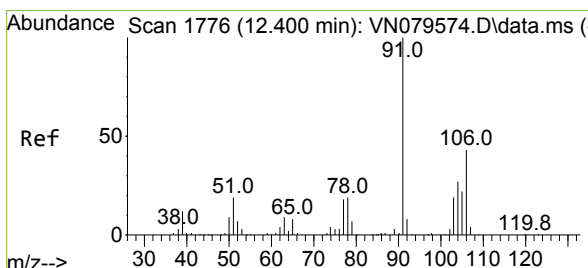
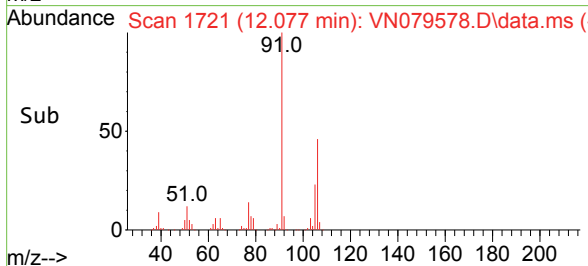
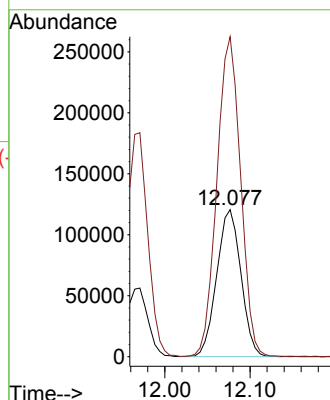
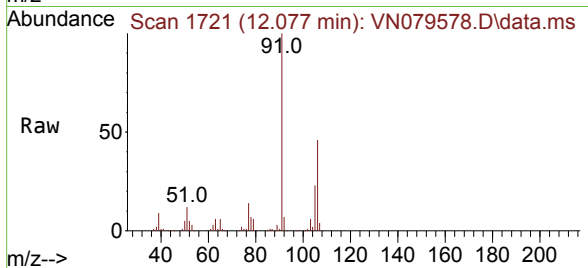




#67
m/p-Xylenes
Concen: 38.511 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

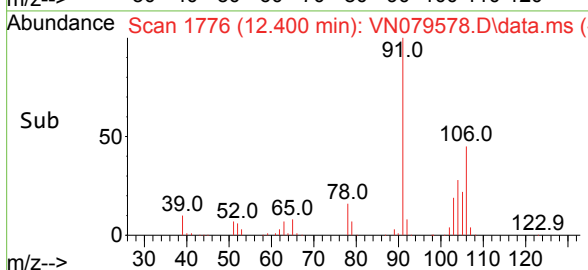
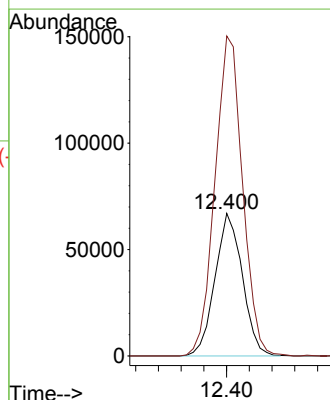
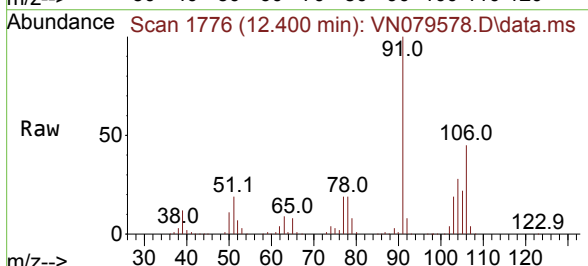
Instrument :
MSVOA_N
ClientSampleId :

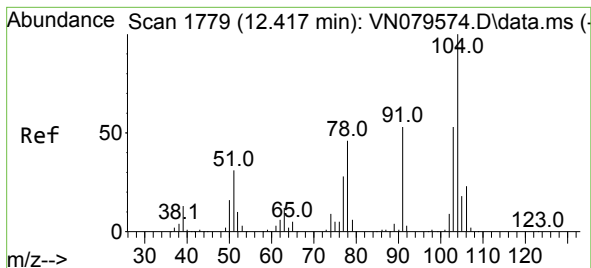
Tgt Ion:106 Resp: 237858
Ion Ratio Lower Upper
106 100
91 213.1 161.8 242.6



#68
o-Xylene
Concen: 18.961 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion:106 Resp: 111958
Ion Ratio Lower Upper
106 100
91 226.6 109.9 329.7





#69

Styrene

Concen: 19.474 ug/l

RT: 12.418 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

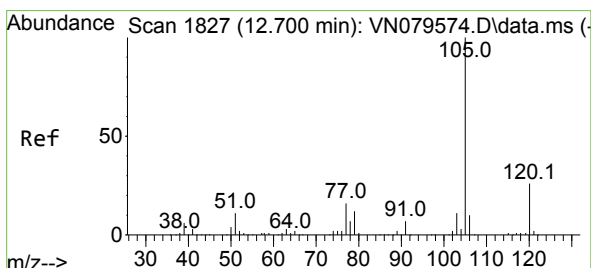
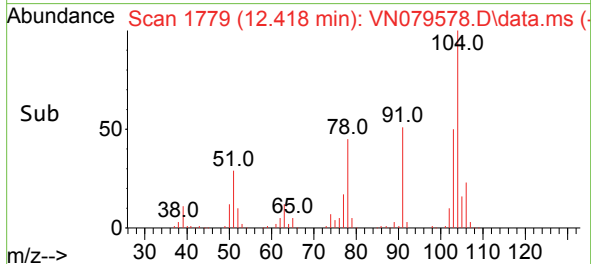
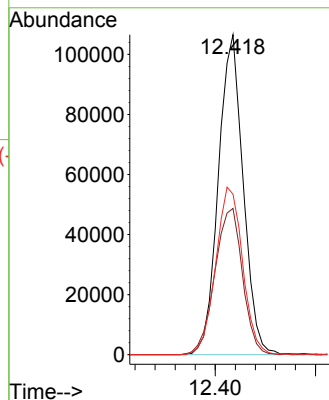
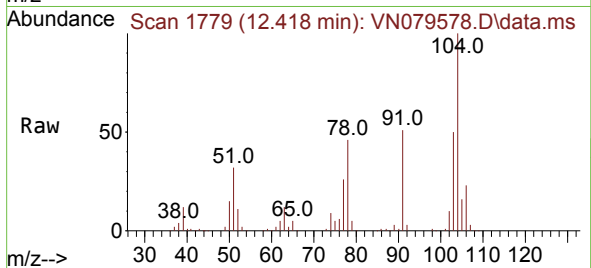
Tgt Ion:104 Resp: 182543

Ion Ratio Lower Upper

104 100

78 51.0 41.2 61.8

103 56.9 43.1 64.7



#70

Isopropylbenzene

Concen: 19.198 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079578.D

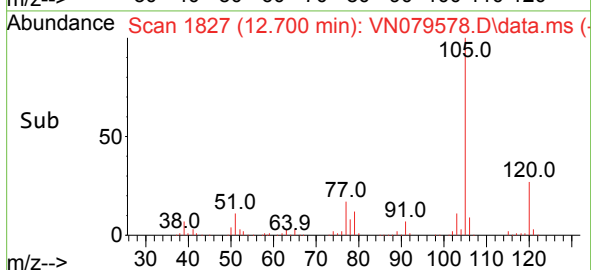
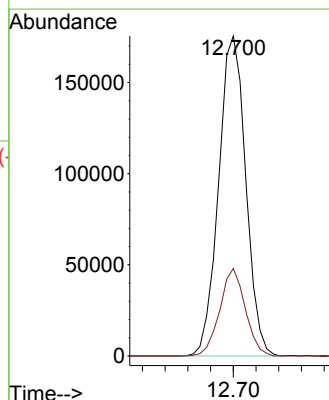
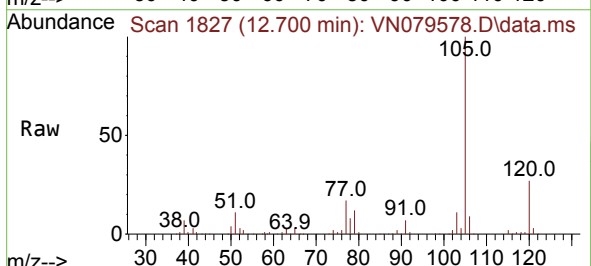
Acq: 17 Oct 2023 13:26

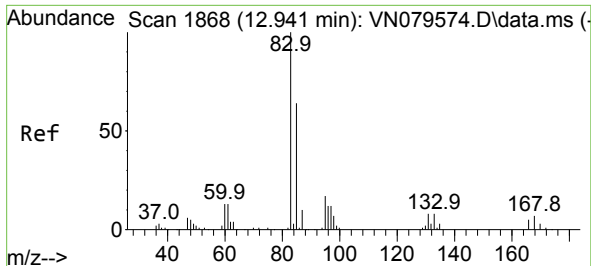
Tgt Ion:105 Resp: 290905

Ion Ratio Lower Upper

105 100

120 25.7 18.1 33.5

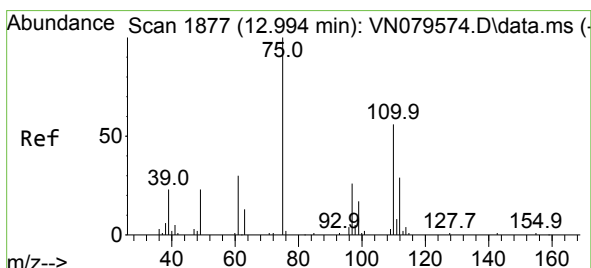
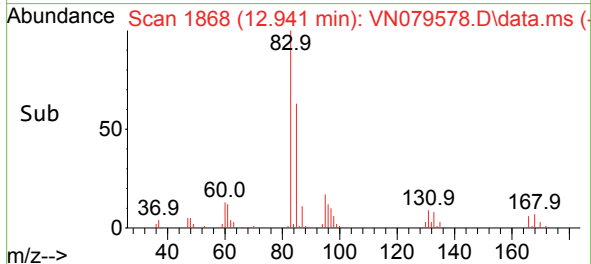
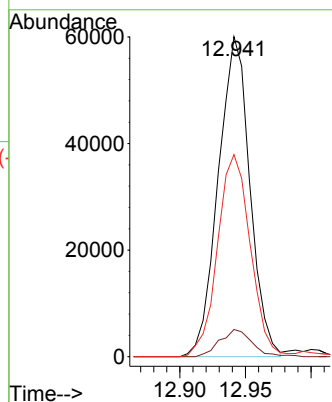
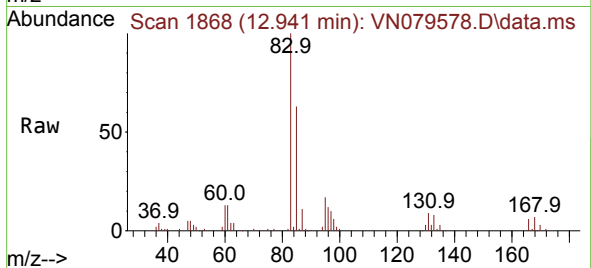




#71
1,1,2,2-Tetrachloroethane
Concen: 18.690 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

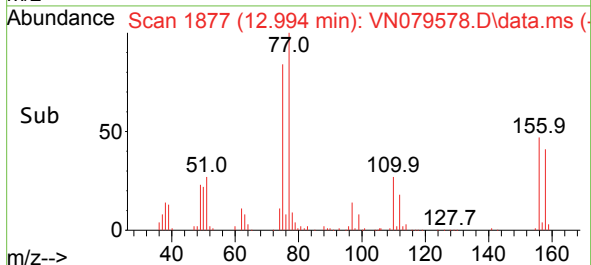
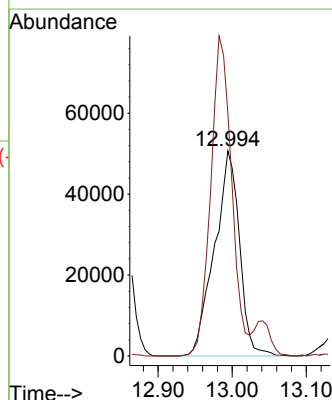
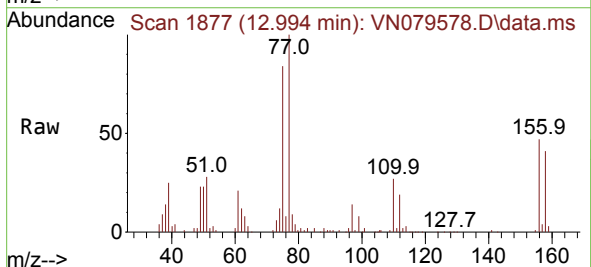
Instrument :
MSVOA_N
ClientSampleId :

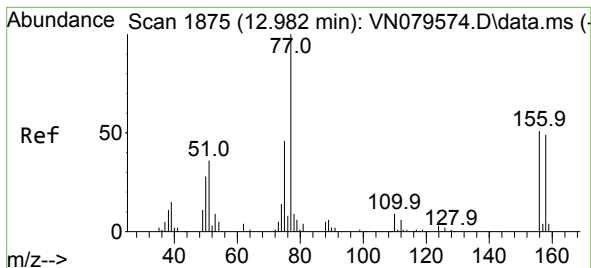
Tgt Ion: 83 Resp: 100699
Ion Ratio Lower Upper
83 100
131 8.6 4.5 13.4
85 65.5 32.1 96.3



#72
1,2,3-Trichloropropane
Concen: 24.243 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 75 Resp: 118618
Ion Ratio Lower Upper
75 100
77 131.4 0.0 338.2





#73

Bromobenzene

Concen: 19.184 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

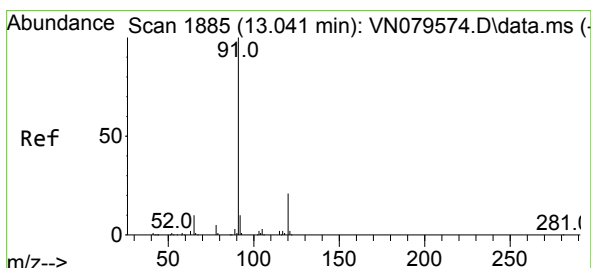
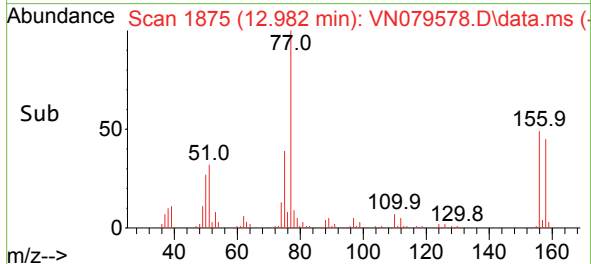
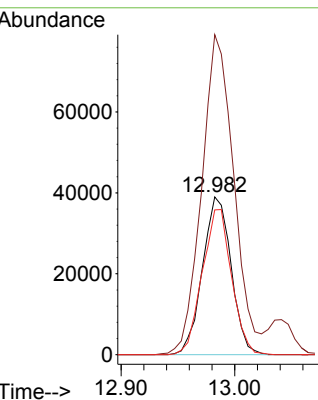
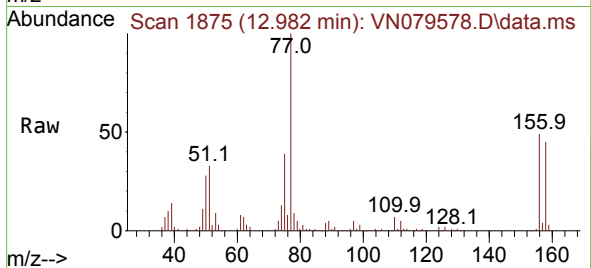
Tgt Ion:156 Resp: 68287

Ion Ratio Lower Upper

156 100

77 228.2 0.0 448.2

158 94.3 0.0 194.8



#74

n-propylbenzene

Concen: 19.533 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079578.D

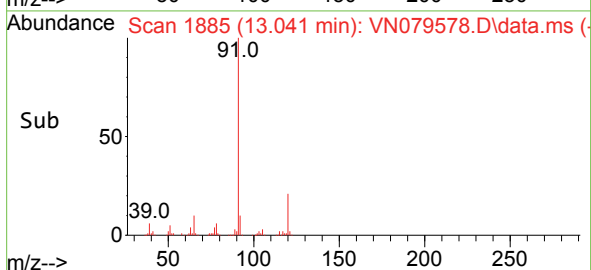
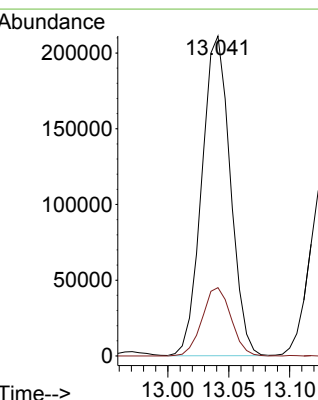
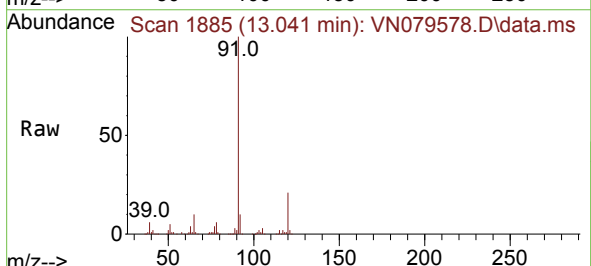
Acq: 17 Oct 2023 13:26

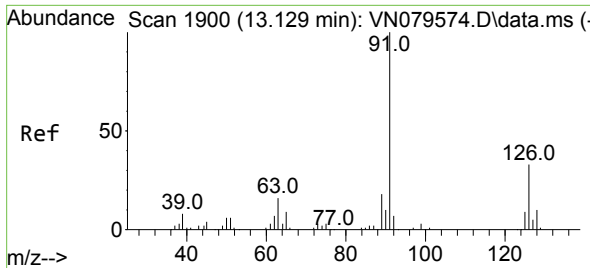
Tgt Ion: 91 Resp: 344591

Ion Ratio Lower Upper

91 100

120 21.6 0.0 42.0

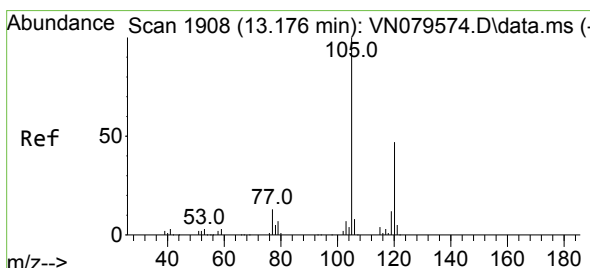
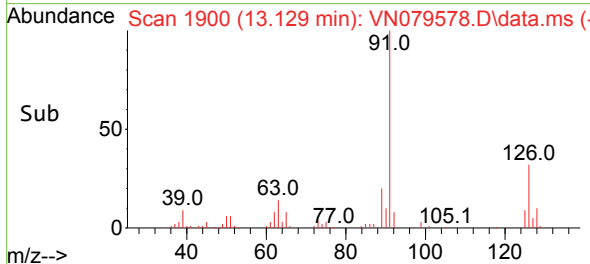
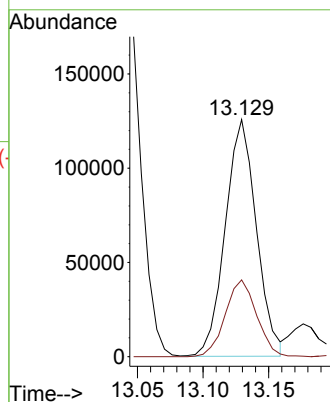
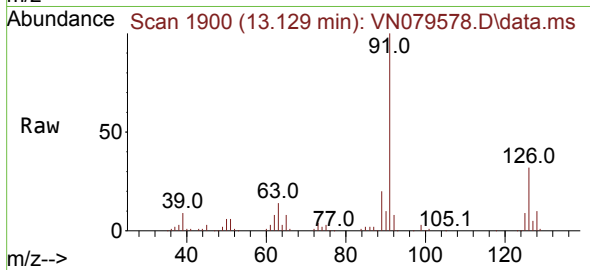




#75
2-Chlorotoluene
Concen: 18.913 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

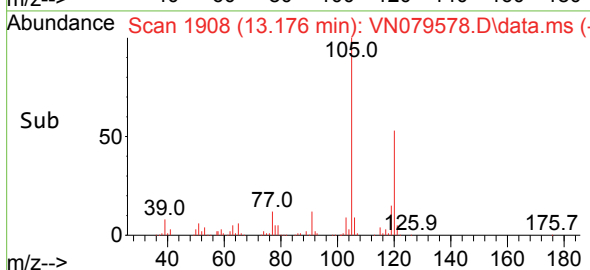
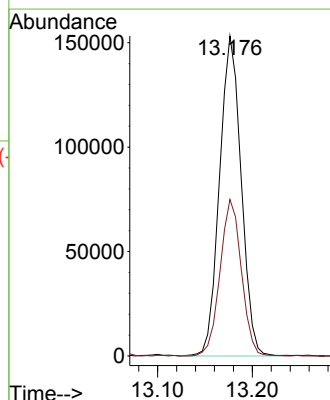
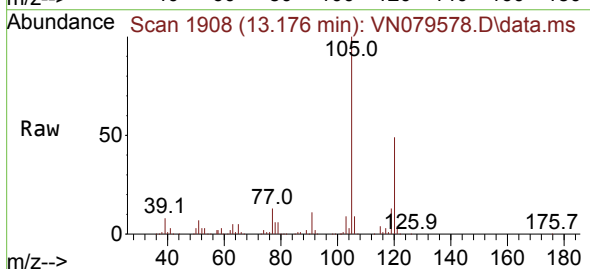
Instrument :
MSVOA_N
ClientSampleId :

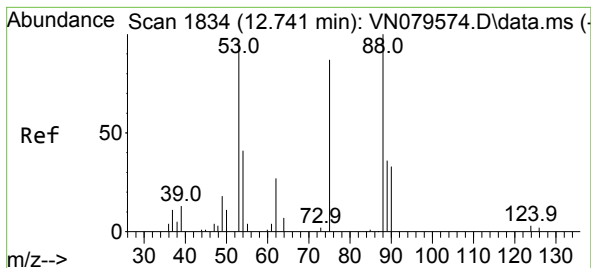
Tgt Ion: 91 Resp: 207429
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.6



#76
1,3,5-Trimethylbenzene
Concen: 19.663 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 105 Resp: 243575
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.2

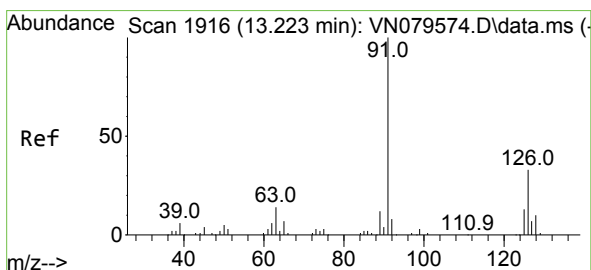
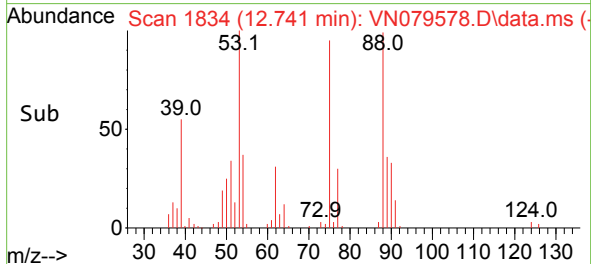
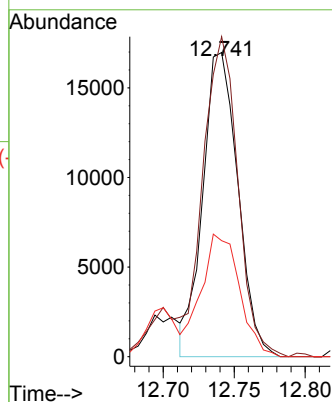
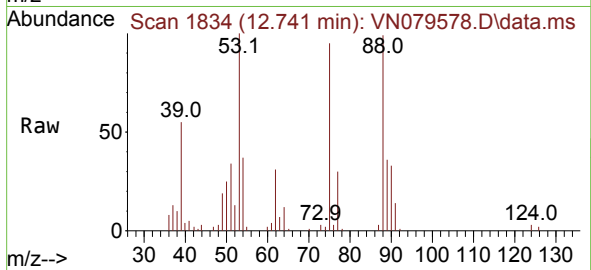




#77
t-1,4-Dichloro-2-butene
Concen: 19.560 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

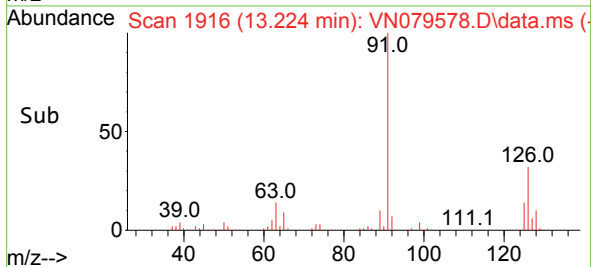
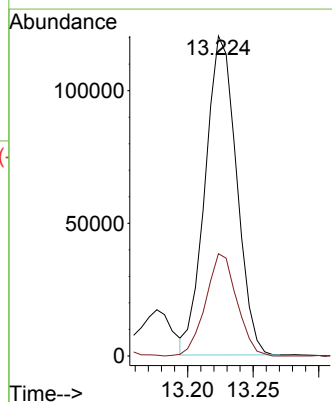
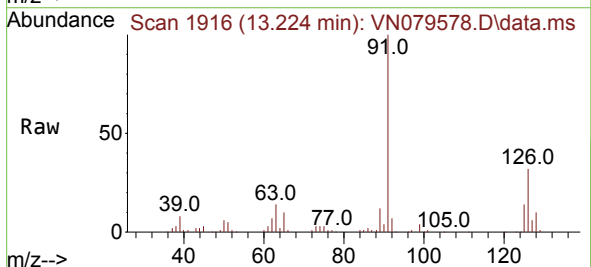
Instrument :
MSVOA_N
ClientSampleId :

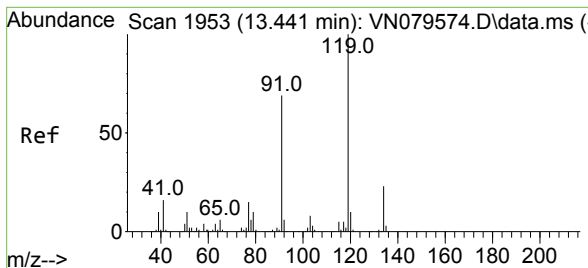
Tgt Ion: 75 Resp: 29210
Ion Ratio Lower Upper
75 100
53 104.1 53.0 159.1
89 38.1 22.6 67.7



#78
4-Chlorotoluene
Concen: 19.318 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion: 91 Resp: 200180
Ion Ratio Lower Upper
91 100
126 31.9 0.0 65.4





#79

tert-butylbenzene

Concen: 19.141 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

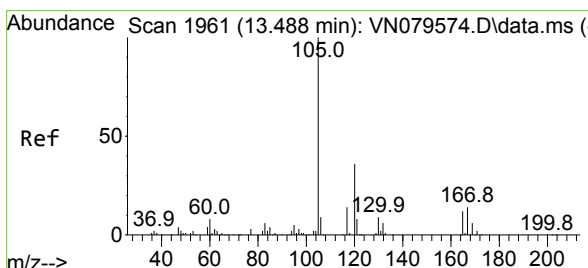
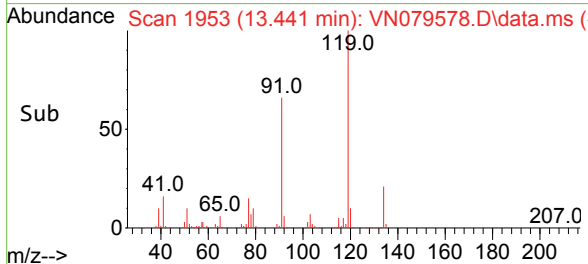
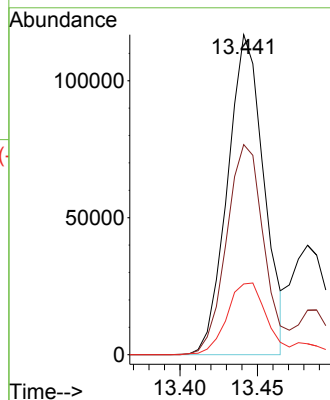
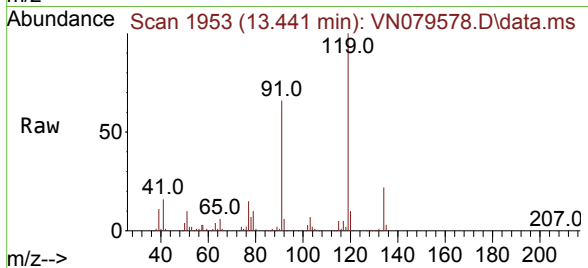
Tgt Ion:119 Resp: 190640

Ion Ratio Lower Upper

119 100

91 68.2 0.0 140.6

134 24.3 0.0 49.8



#80

1,2,4-Trimethylbenzene

Concen: 19.606 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079578.D

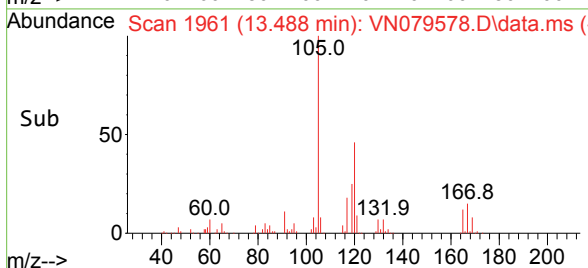
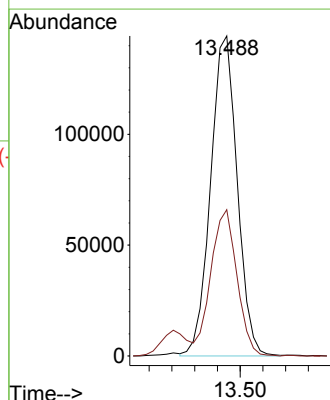
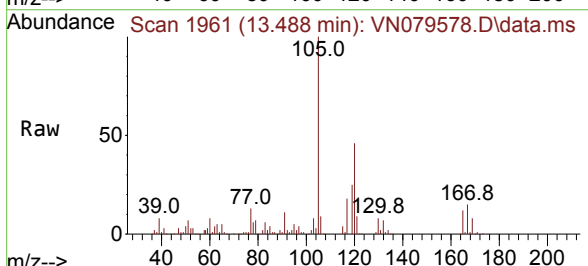
Acq: 17 Oct 2023 13:26

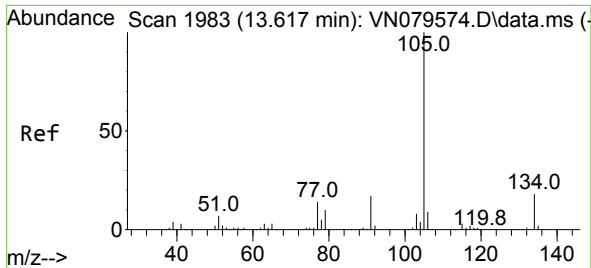
Tgt Ion:105 Resp: 235325

Ion Ratio Lower Upper

105 100

120 44.7 0.0 88.6

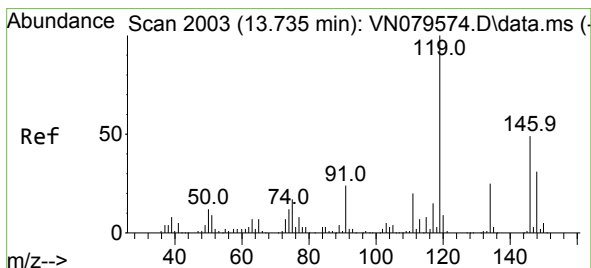
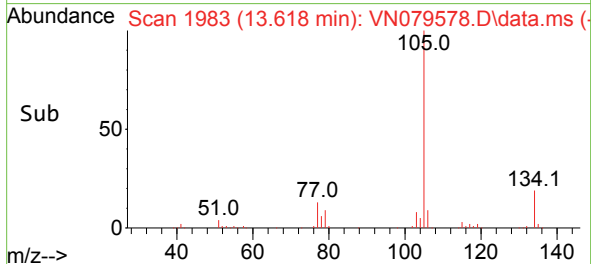
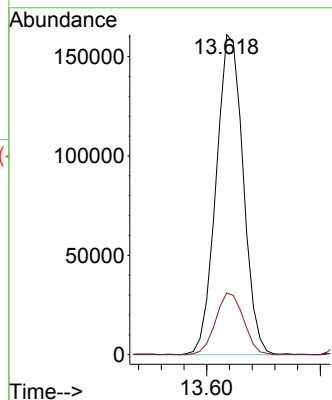
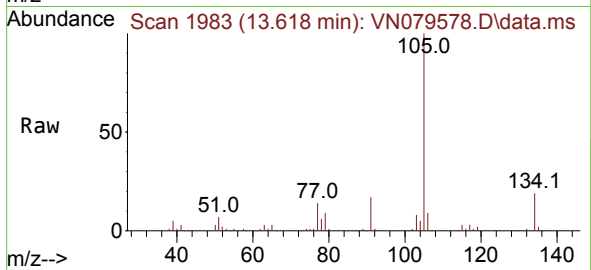




#81
 sec-Butylbenzene
 Concen: 19.060 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079578.D
 Acq: 17 Oct 2023 13:26

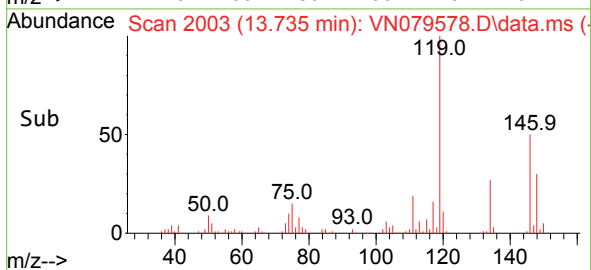
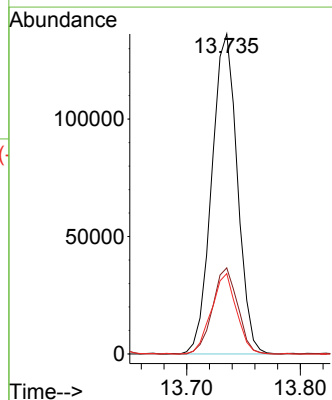
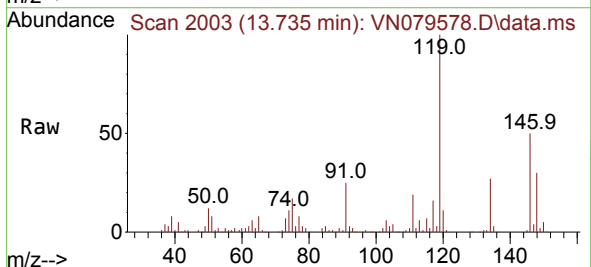
Instrument :
 MSVOA_N
 ClientSampleId :

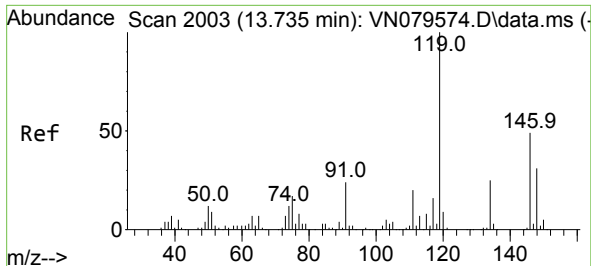
Tgt Ion:105 Resp: 266490
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.2



#82
 p-Isopropyltoluene
 Concen: 19.263 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079578.D
 Acq: 17 Oct 2023 13:26

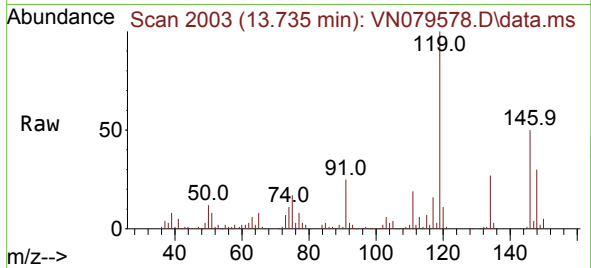
Tgt Ion:119 Resp: 213647
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.2
 91 24.7 0.0 50.0



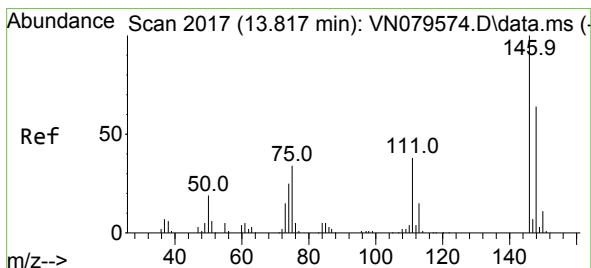
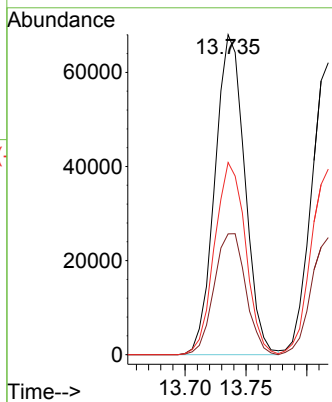
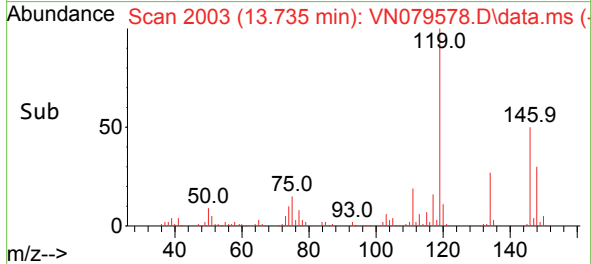


#83
1,3-Dichlorobenzene
Concen: 19.853 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

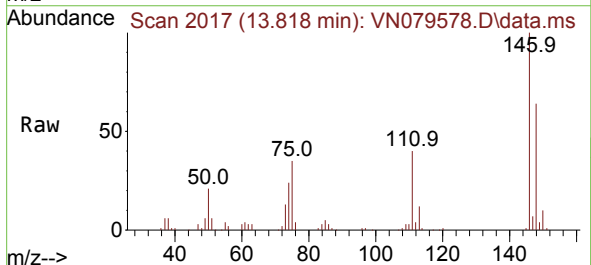
Instrument :
MSVOA_N
ClientSampleId :



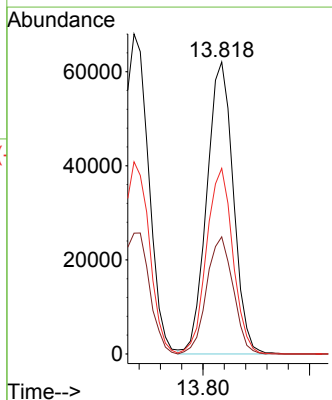
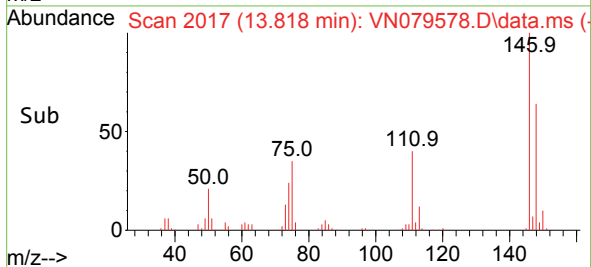
Tgt Ion:146 Resp: 116209
Ion Ratio Lower Upper
146 100
111 40.0 21.0 63.0
148 62.1 32.4 97.0

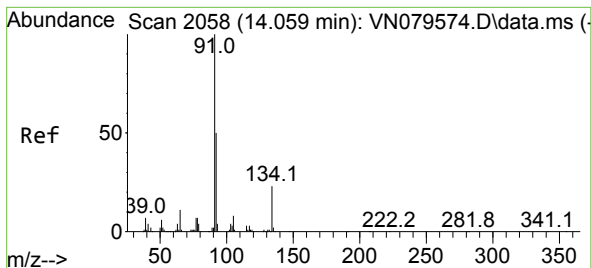


#84
1,4-Dichlorobenzene
Concen: 19.131 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26



Tgt Ion:146 Resp: 107354
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 63.3 32.6 97.7





#85

n-Butylbenzene

Concen: 19.223 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

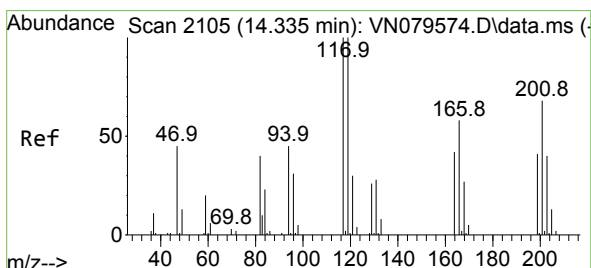
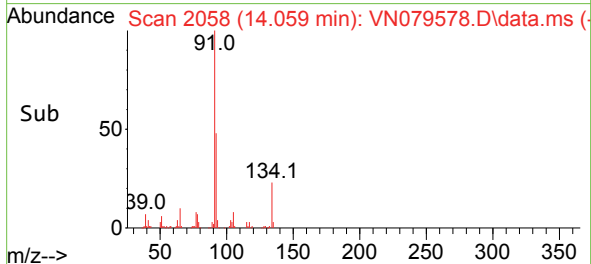
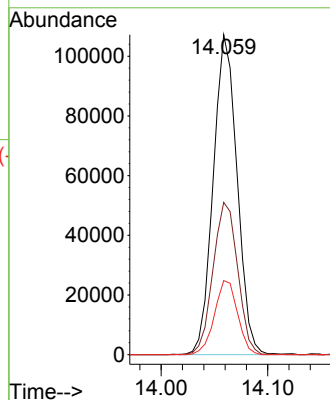
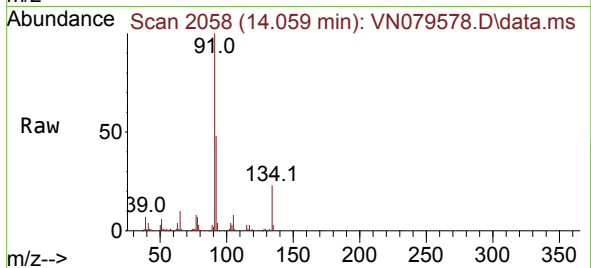
Tgt Ion: 91 Resp: 166580

Ion Ratio Lower Upper

91 100

92 49.2 0.0 99.6

134 22.5 0.0 46.2



#86

Hexachloroethane

Concen: 18.143 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079578.D

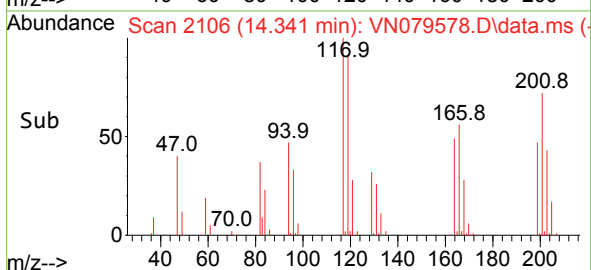
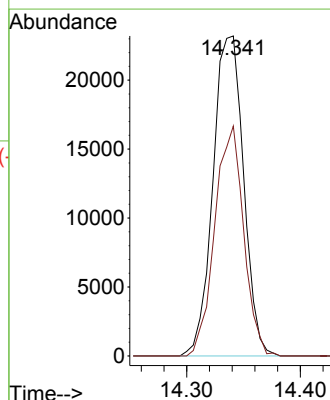
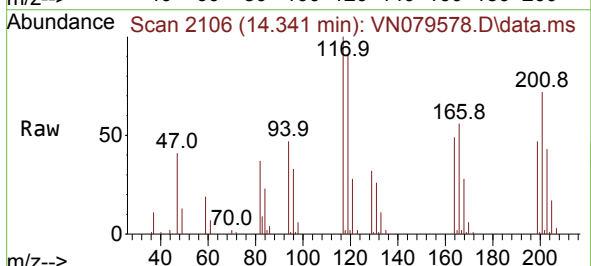
Acq: 17 Oct 2023 13:26

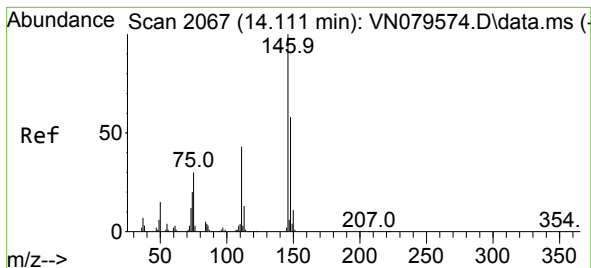
Tgt Ion: 117 Resp: 43501

Ion Ratio Lower Upper

117 100

201 67.5 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 18.883 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

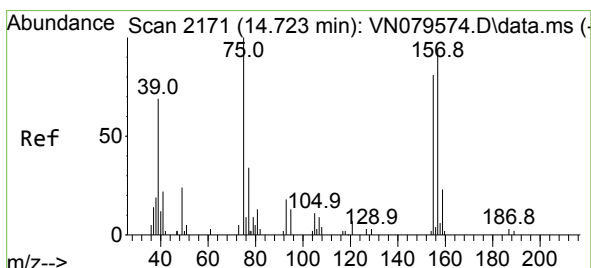
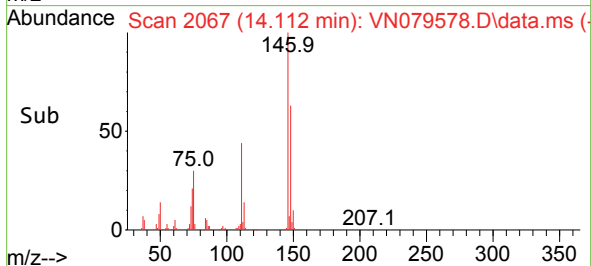
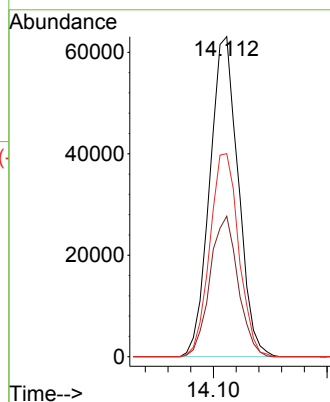
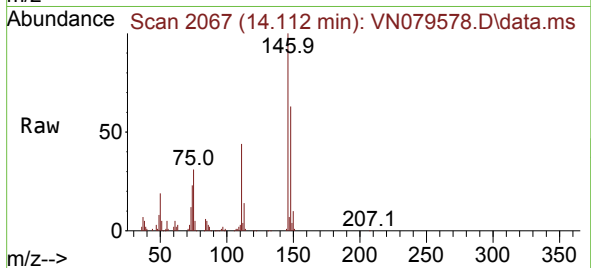
Tgt Ion:146 Resp: 109862

Ion Ratio Lower Upper

146 100

111 43.2 22.0 66.0

148 64.3 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.503 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

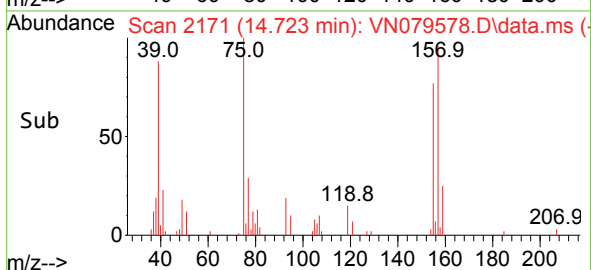
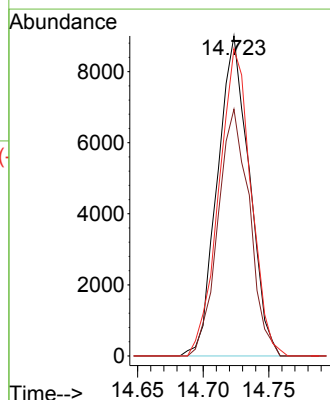
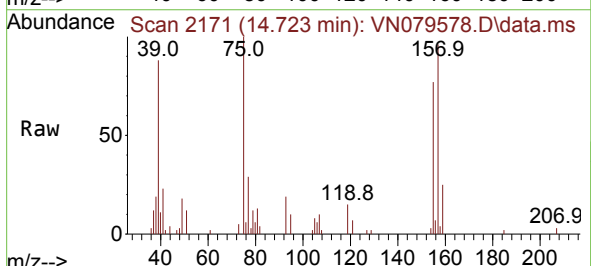
Tgt Ion: 75 Resp: 15191

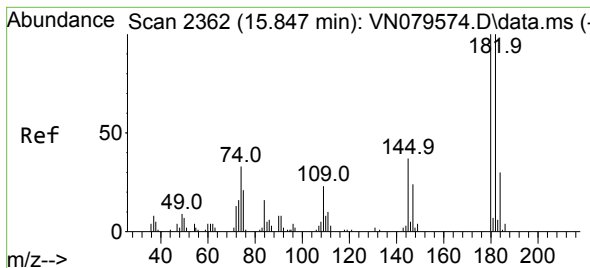
Ion Ratio Lower Upper

75 100

155 76.3 60.7 91.1

157 97.0 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 16.983 ug/l

RT: 15.847 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079578.D

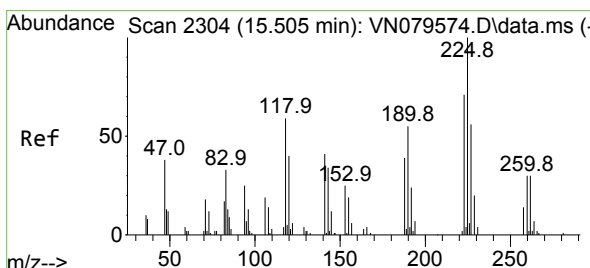
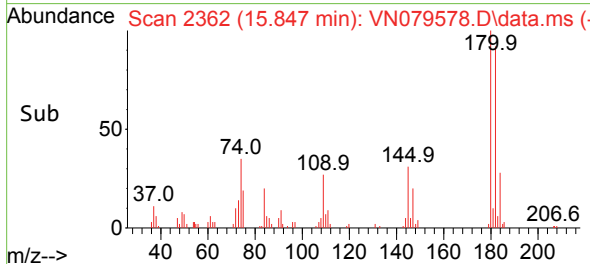
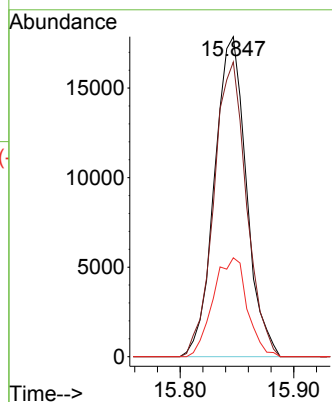
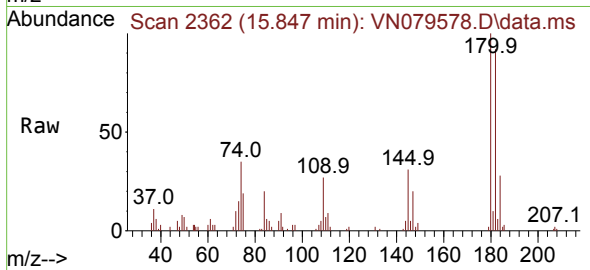
Acq: 17 Oct 2023 13:26

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	180	Resp:	34827
Ion Ratio	Lower	Upper	
180	100		
182	94.3	74.2	111.4
145	33.0	25.4	38.2



#90

Hexachlorobutadiene

Concen: 18.745 ug/l

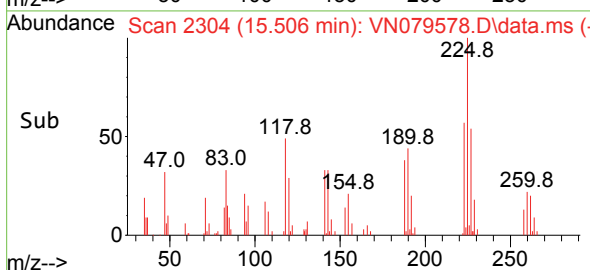
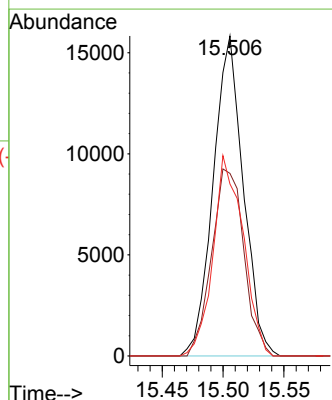
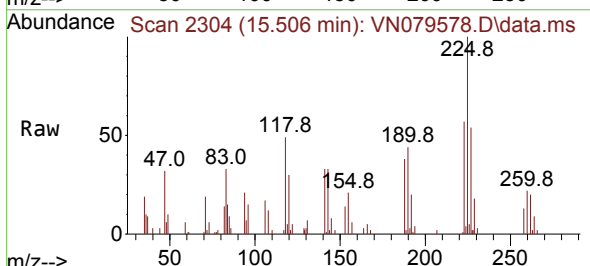
RT: 15.506 min Scan# 2304

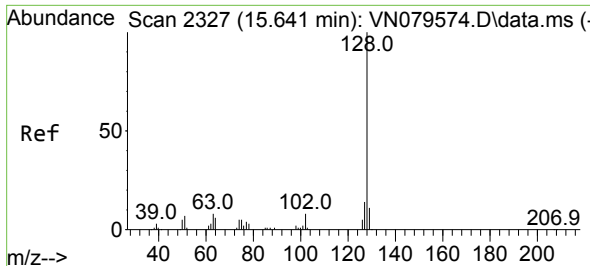
Delta R.T. 0.000 min

Lab File: VN079578.D

Acq: 17 Oct 2023 13:26

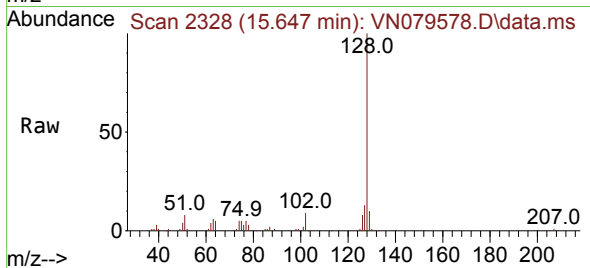
Tgt Ion:	225	Resp:	27228
Ion Ratio	Lower	Upper	
225	100		
223	62.5	0.0	126.0
227	62.5	0.0	127.0



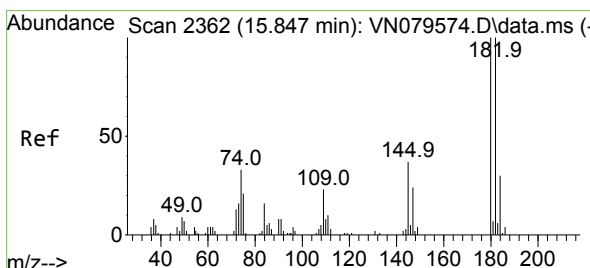
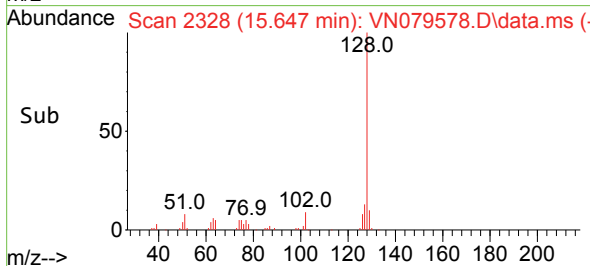
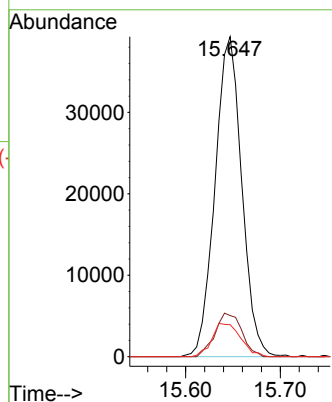


#91
Naphthalene
Concen: 14.570 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 77073
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 11.2 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 16.983 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079578.D
Acq: 17 Oct 2023 13:26

Tgt Ion:180 Resp: 34827
Ion Ratio Lower Upper
180 100
182 94.3 0.0 185.6
145 33.0 0.0 63.6

