

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079576.D
 Acq On : 17 Oct 2023 12:09
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:04:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 01:58:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	20261	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	151891	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	181419	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	89290	30.996	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.333%
60) 4-Bromofluorobenzene	12.853	95	87818	26.470	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.233%
63) Toluene-d8	10.571	98	236291	30.395	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.333%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	15569	5.299	ug/l	96
3) Chloromethane	2.365	50	21753	5.712	ug/l	100
4) Vinyl Chloride	2.518	62	22640	5.508	ug/l	93
6) Chloroethane	3.118	64	17146	5.927	ug/l	96
7) Trichlorofluoromethane	3.501	101	27385	5.460	ug/l	95
8) Diethyl Ether	3.965	74	9412	5.178	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	15582	5.430	ug/l	90
10) 1,1-Dichloroethene	4.342	96	14184	5.196	ug/l	93
11) Methyl Iodide	4.595	142	14379	4.757	ug/l	87
12) Methyl Acetate	5.042	43	35923	5.458	ug/l #	89
13) Acrolein	4.183	56	16456	30.248	ug/l	94
14) Acrylonitrile	5.730	53	41446	26.297	ug/l	98
15) Acetone	4.436	58	8282	16.549	ug/l	97
16) Carbon Disulfide	4.712	76	45920	5.516	ug/l	95
17) Allyl chloride	5.024	41	22128	5.257	ug/l	91
18) Methylene Chloride	5.277	84	18236	5.427	ug/l	89
19) trans-1,2-Dichloroethene	5.789	96	16688	5.464	ug/l	88
20) Diisopropyl ether	6.677	45	50275	5.037	ug/l #	90
21) 1,1-Dichloroethane	6.583	63	32086	5.291	ug/l	94
22) cis-1,2-Dichloroethene	7.494	96	17802	5.061	ug/l	97
23) tert-Butyl Alcohol	5.518	59	10575	20.050	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	46926	5.123	ug/l	98
25) Chloroform	7.977	83	32917	5.372	ug/l	98
26) Cyclohexane	8.259	56	22172	4.836	ug/l #	91
29) 1,1-Dichloropropene	8.383	75	22875	5.153	ug/l	97
30) 2-Butanone	7.494	43	58925	26.483	ug/l	98
31) 2,2-Dichloropropane	7.500	77	26695	5.334	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	28950	5.487	ug/l	97
33) Carbon Tetrachloride	8.365	117	23198	5.170	ug/l	97
34) Benzene	8.612	78	73079	5.419	ug/l	93
35) Methacrylonitrile	7.783	41	12441	5.315	ug/l	91
36) 1,2-Dichloroethane	8.677	62	26157	5.432	ug/l	98
37) Trichloroethene	9.353	130	16974	5.384	ug/l	83
38) Methylcyclohexane	9.606	83	21351	4.996	ug/l	98
39) 1,2-Dichloropropane	9.624	63	18702	5.255	ug/l	99
40) Dibromomethane	9.712	93	12589	5.390	ug/l	98
41) Bromodichloromethane	9.888	83	25427	5.253	ug/l	99
42) Vinyl Acetate	6.606	43	138354	24.513	ug/l	100
43) Ethyl Acetate	7.571	43	21525	5.145	ug/l #	93

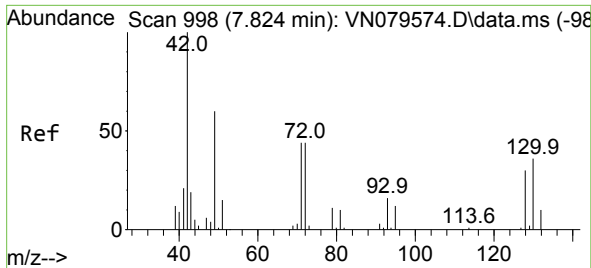
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079576.D
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Quant Time: Oct 18 02:04:37 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.694	43	42264	5.683	ug/l	94
45) 1,4-Dioxane	9.700	88	5910	101.515	ug/l #	90
46) Methyl methacrylate	9.688	41	16441	4.983	ug/l	97
47) n-amyl Acetate	12.500	43	23075	4.299	ug/l	96
48) t-1,3-Dichloropropene	10.841	75	24078	4.921	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	26564	4.965	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	17407	5.372	ug/l	89
51) Ethyl methacrylate	10.877	69	20038	4.482	ug/l	96
52) 1,3-Dichloropropane	11.171	76	30629	5.336	ug/l	97
53) Dibromochloromethane	11.365	129	16020	4.838	ug/l	94
54) 1,2-Dibromoethane	11.471	107	17299	5.412	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	34097	19.991	ug/l	99
56) Bromoform	12.582	173	10846	4.951	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	106371	25.138	ug/l	99
59) 2-Hexanone	11.294	43	27494	8.857	ug/l #	39
61) Tetrachloroethene	11.106	164	12789	5.134	ug/l	86
62) Toluene	10.635	91	74287	5.358	ug/l	100
64) Chlorobenzene	11.894	112	42775	5.319	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.965	131	16014	5.228	ug/l	99
66) Ethyl Benzene	11.965	91	68310	4.782	ug/l	100
67) m/p-Xylenes	12.076	106	48947	9.264	ug/l	97
68) o-Xylene	12.406	106	23555	4.663	ug/l	98
69) Styrene	12.418	104	32538	4.058	ug/l	92
70) Isopropylbenzene	12.700	105	58328	4.500	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	24813	5.383	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	27686	6.234	ug/l	65
73) Bromobenzene	12.982	156	14589	4.791	ug/l	96
74) n-propylbenzene	13.041	91	65875	4.365	ug/l	99
75) 2-Chlorotoluene	13.129	91	44193	4.710	ug/l	100
76) 1,3,5-Trimethylbenzene	13.176	105	47202	4.454	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	5560	4.352	ug/l	89
78) 4-Chlorotoluene	13.223	91	38165	4.305	ug/l	100
79) tert-butylbenzene	13.441	119	39210	4.602	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	42762	4.165	ug/l	100
81) sec-Butylbenzene	13.618	105	53572	4.479	ug/l	99
82) p-Isopropyltoluene	13.735	119	38635	4.072	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	20557	4.105	ug/l	94
84) 1,4-Dichlorobenzene	13.818	146	19861	4.137	ug/l	98
85) n-Butylbenzene	14.059	91	27443	3.702	ug/l	98
86) Hexachloroethane	14.335	117	10155	4.951	ug/l	100
87) 1,2-Dichlorobenzene	14.112	146	20881	4.195	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	3272	4.659	ug/l	92
89) 1,2,4-Trichlorobenzene	15.841	180	5952	3.393	ug/l	95
90) Hexachlorobutadiene	15.500	225	6501	5.232	ug/l	96
91) Naphthalene	15.653	128	14502	3.205	ug/l #	94
92) 1,2,3-Trichlorobenzene	15.841	180	5952	3.393	ug/l	95

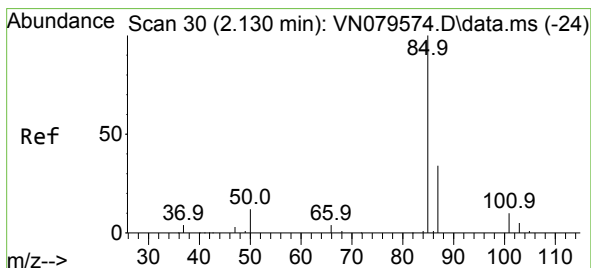
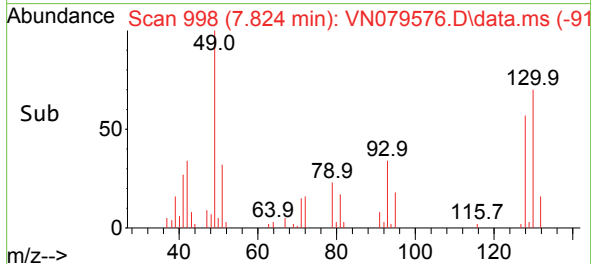
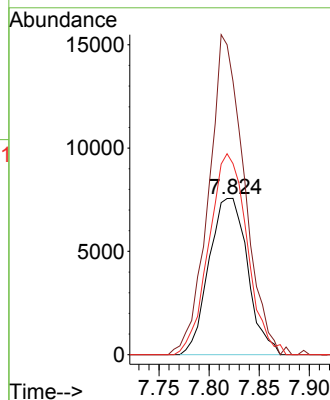
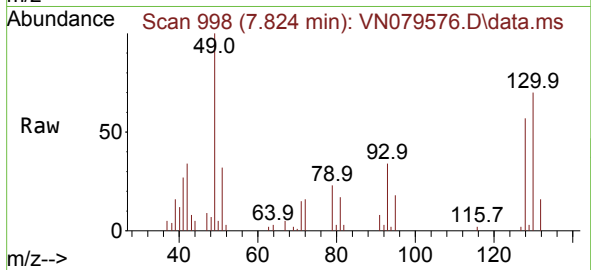
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

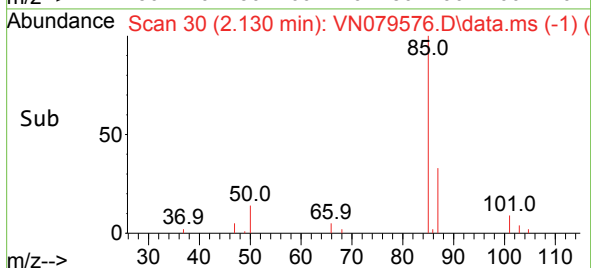
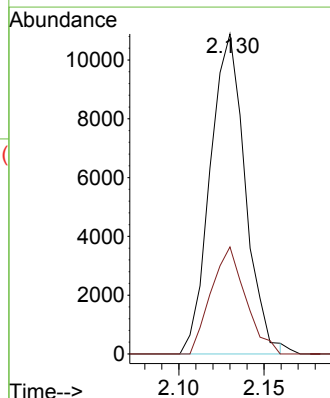
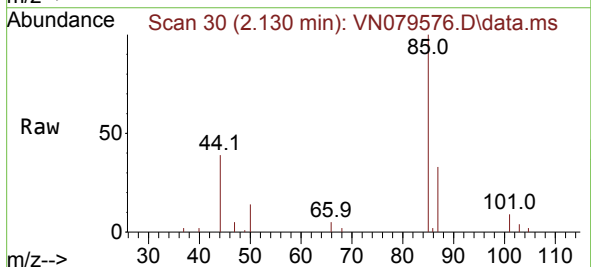
Instrument :
MSVOA_N
ClientSampleId :

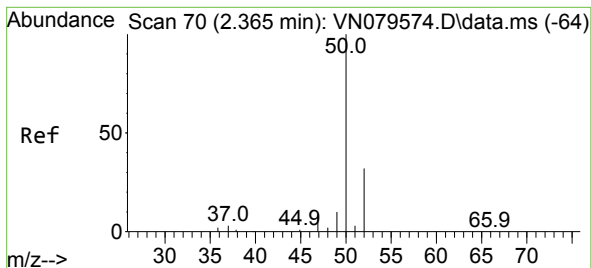
Tgt Ion:128 Resp: 20261
Ion Ratio Lower Upper
128 100
49 187.9 0.0 468.5
130 127.4 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 5.299 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 85 Resp: 15569
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.7





#3

Chloromethane

Concen: 5.712 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

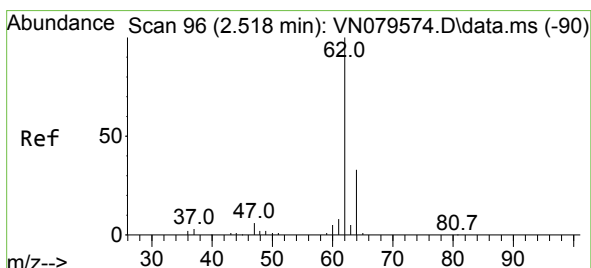
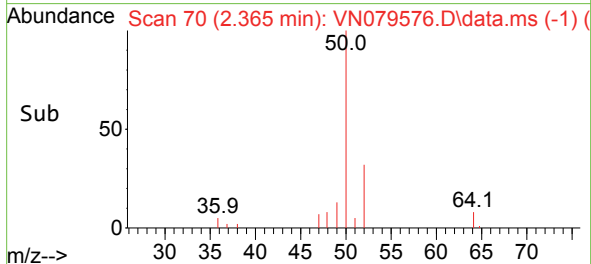
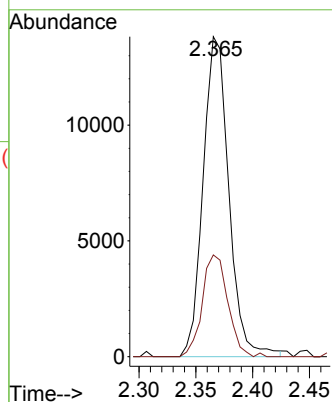
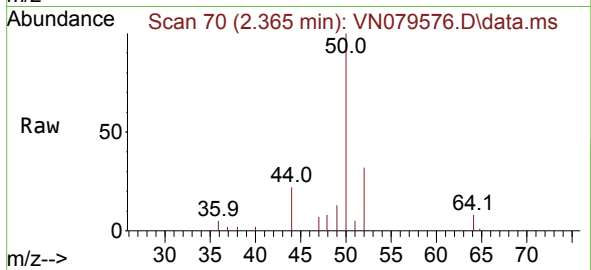
ClientSampleId :

Tgt Ion: 50 Resp: 21753

Ion Ratio Lower Upper

50 100

52 31.8 25.6 38.4



#4

Vinyl Chloride

Concen: 5.508 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079576.D

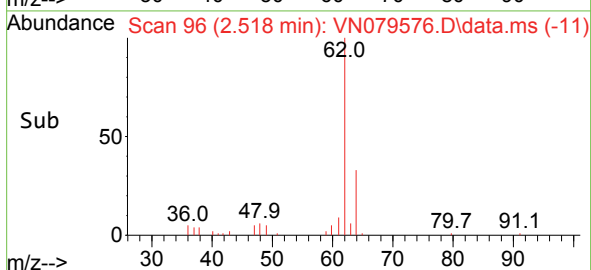
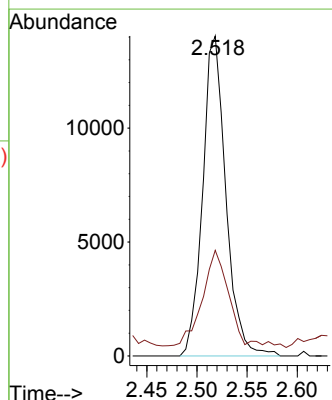
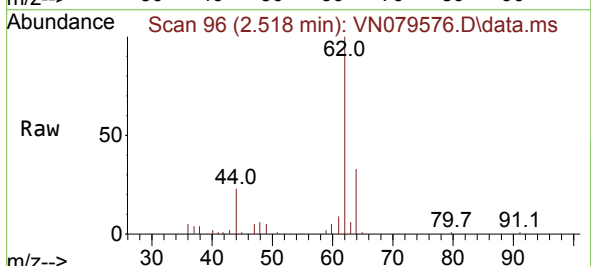
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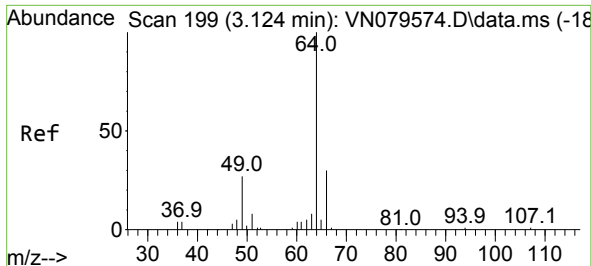
Tgt Ion: 62 Resp: 22640

Ion Ratio Lower Upper

62 100

64 29.3 26.4 39.6

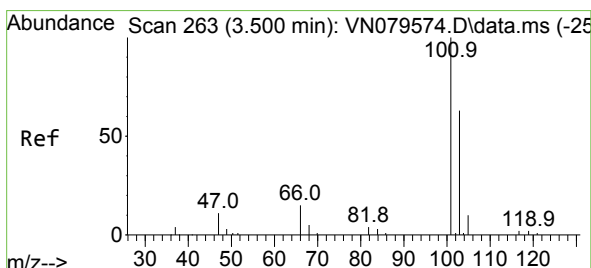
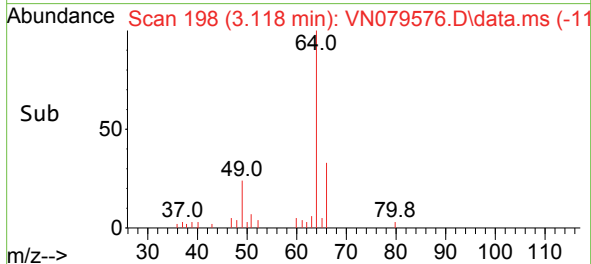
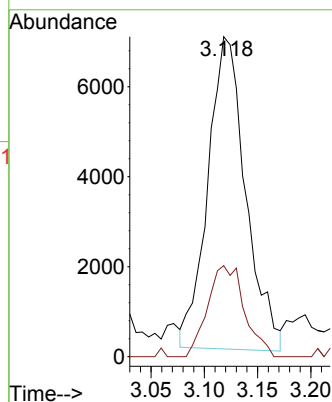
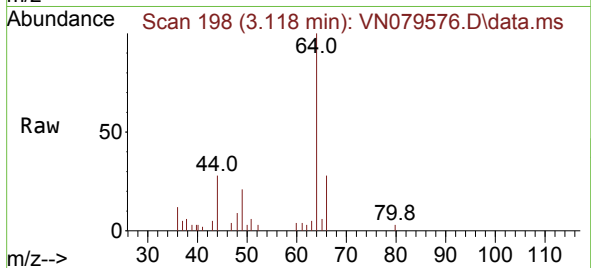




#6
Chloroethane
Concen: 5.927 ug/l
RT: 3.118 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

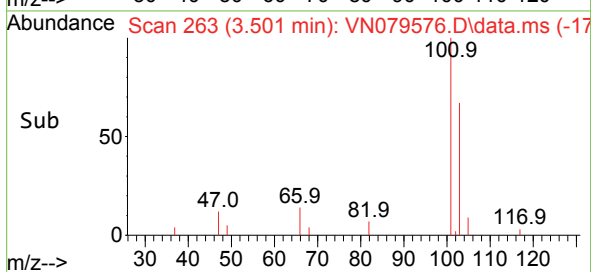
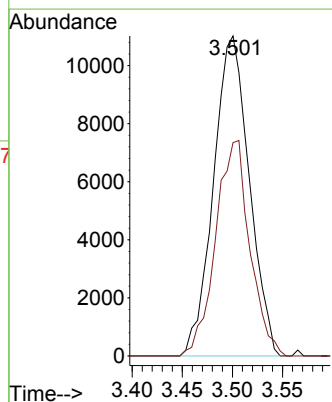
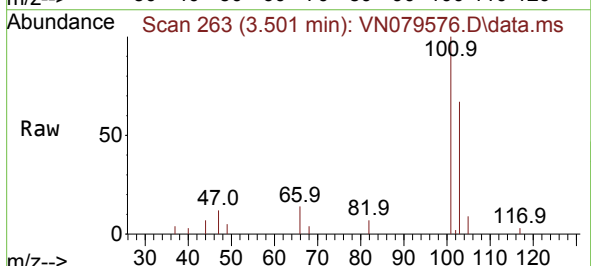
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ClientSampleId :

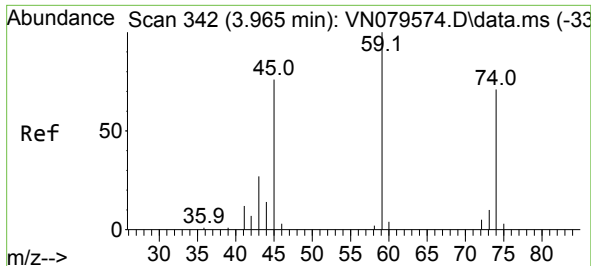
Tgt Ion: 64 Resp: 17146
Ion Ratio Lower Upper
64 100
66 31.0 23.3 34.9



#7
Trichlorofluoromethane
Concen: 5.460 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:101 Resp: 27385
Ion Ratio Lower Upper
101 100
103 66.6 49.9 74.9

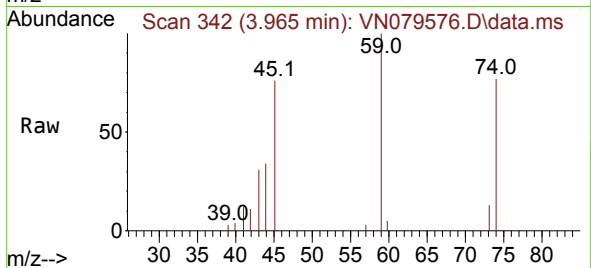




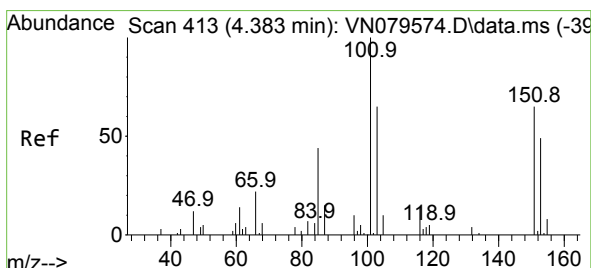
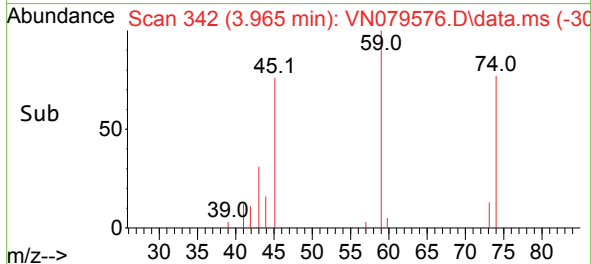
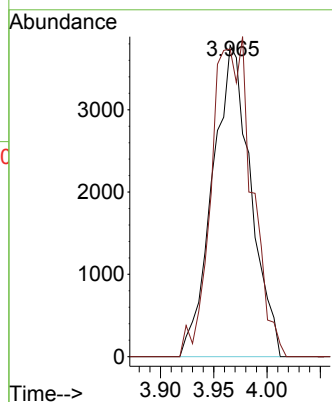
#8
Diethyl Ether

Concen: 5.178 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :

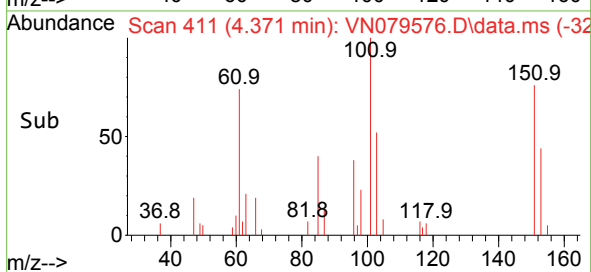
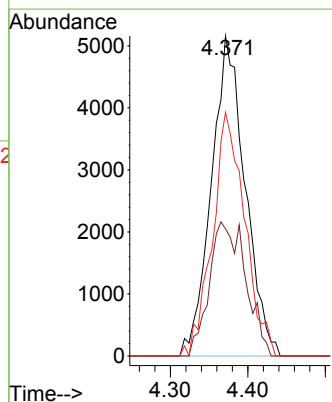
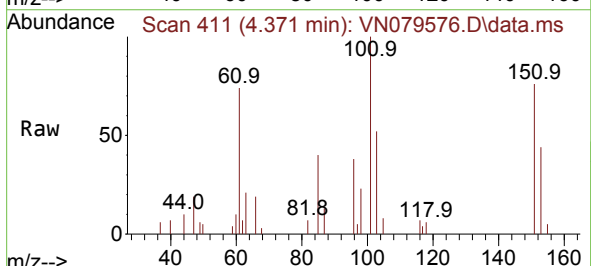


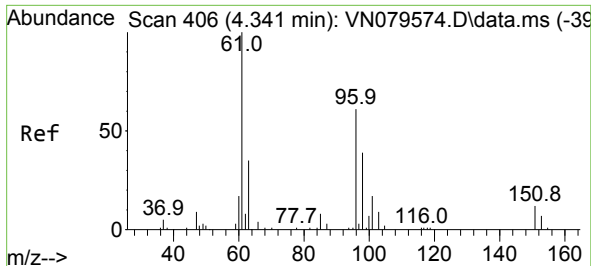
Tgt Ion: 74 Resp: 9412
Ion Ratio Lower Upper
74 100
45 69.6 19.0 171.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.430 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 101 Resp: 15582
Ion Ratio Lower Upper
101 100
85 30.4 0.0 92.0
151 70.6 0.0 138.4





#10

1,1-Dichloroethene

Concen: 5.196 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

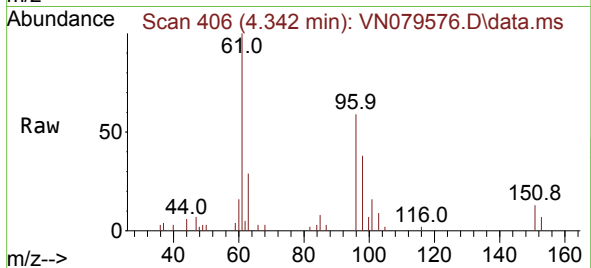
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Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :



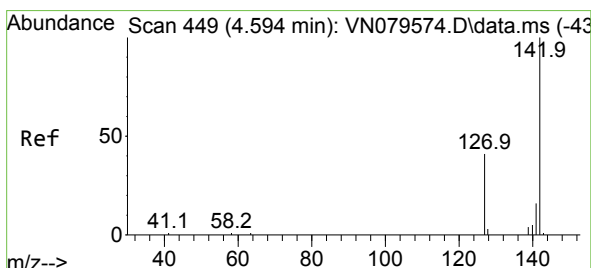
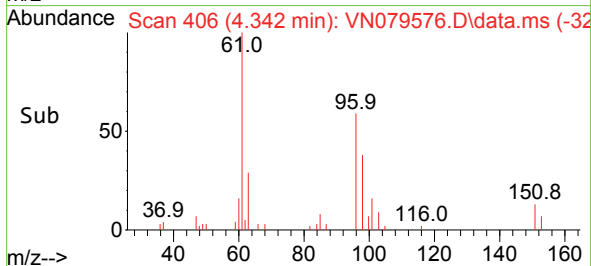
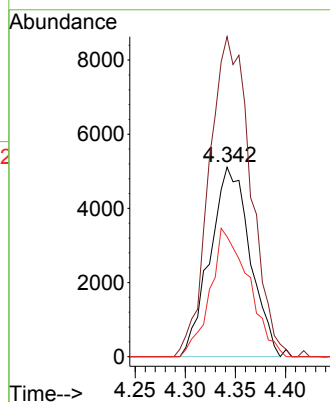
Tgt Ion: 96 Resp: 14184

Ion Ratio Lower Upper

96 100

61 165.0 141.3 211.9

98 63.4 53.2 79.8



#11

Methyl Iodide

Concen: 4.757 ug/l

RT: 4.595 min Scan# 449

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

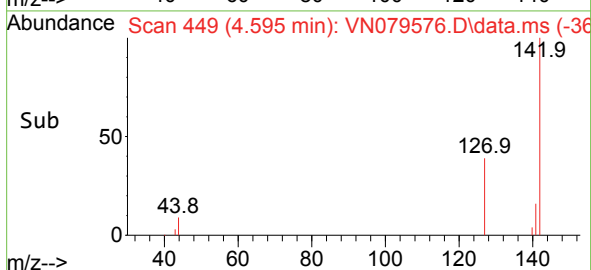
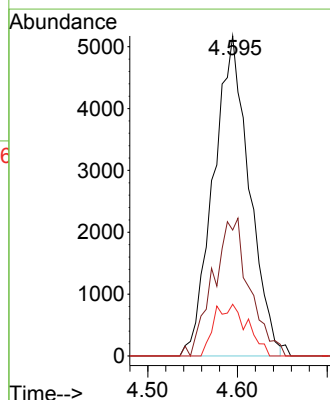
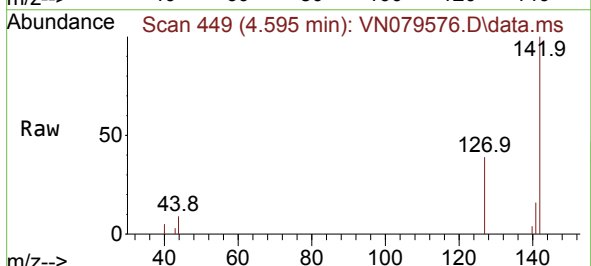
Tgt Ion: 142 Resp: 14379

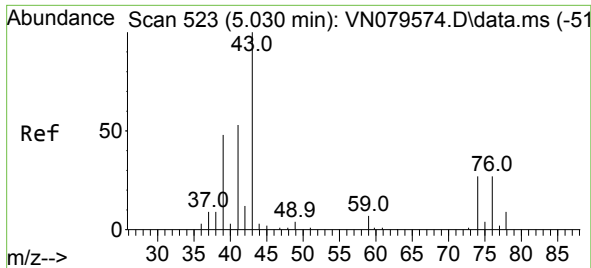
Ion Ratio Lower Upper

142 100

127 38.1 24.6 73.8

141 16.4 7.7 23.1

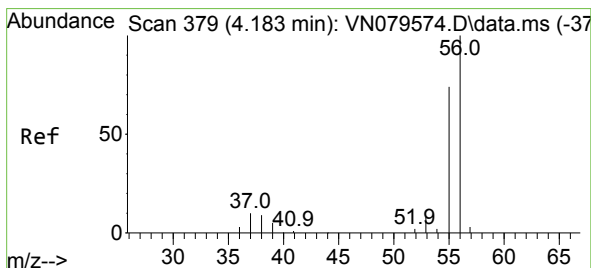
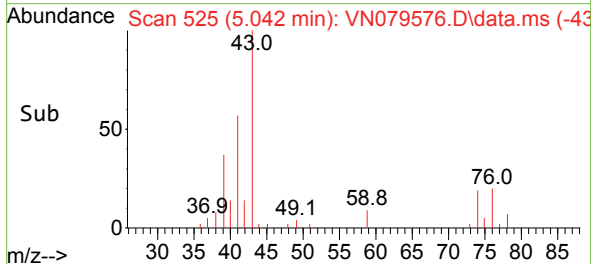
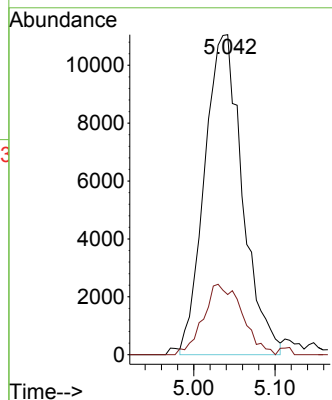
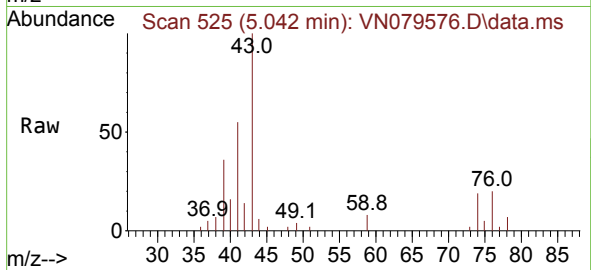




#12
Methyl Acetate
Concen: 5.458 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

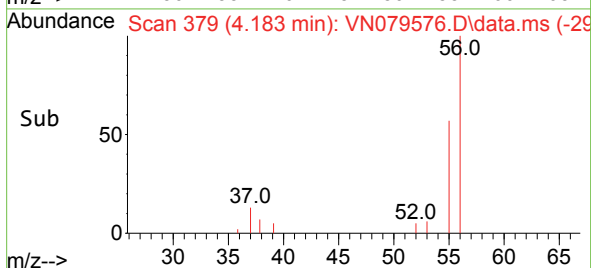
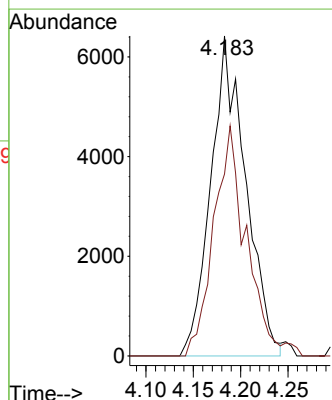
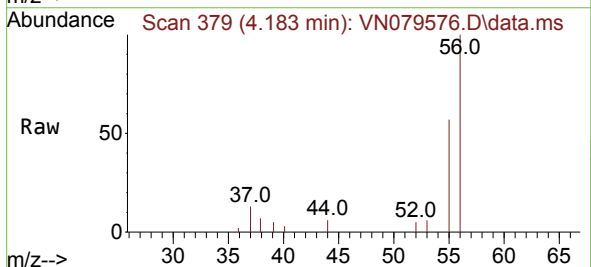
Instrument :
MSVOA_N
ClientSampleId :

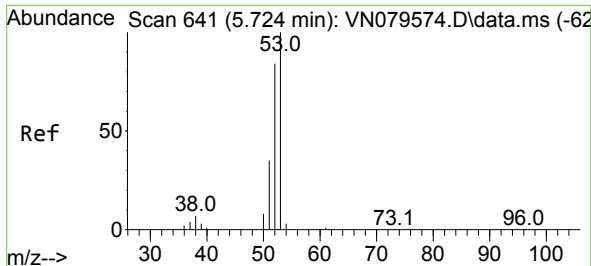
Tgt Ion: 43 Resp: 35923
Ion Ratio Lower Upper
43 100
74 17.3 18.1 27.1#



#13
Acrolein
Concen: 30.248 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 56 Resp: 16456
Ion Ratio Lower Upper
56 100
55 66.1 57.1 85.7

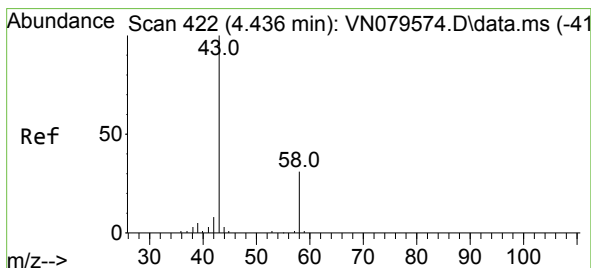
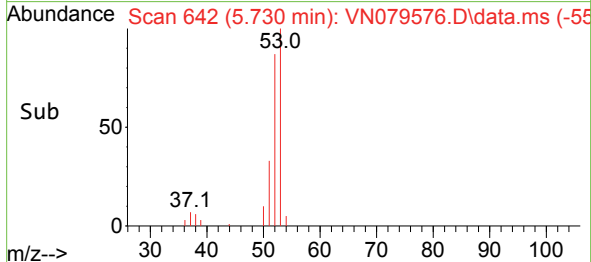
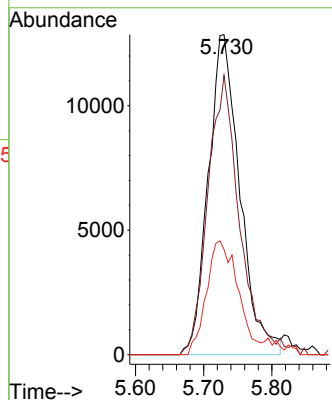
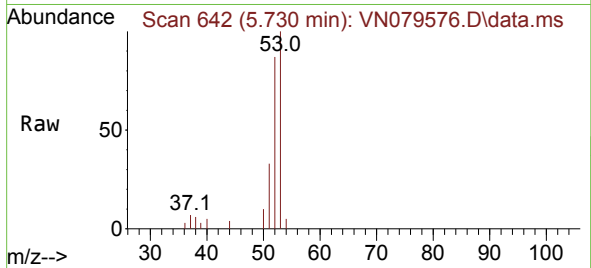




#14
Acrylonitrile
Concen: 26.297 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

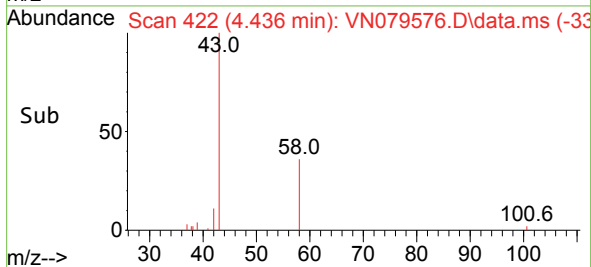
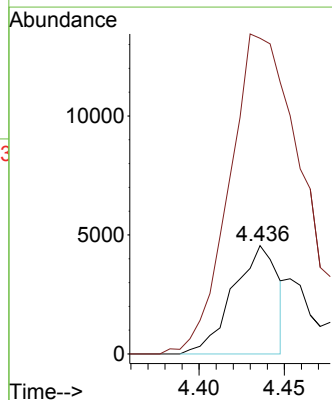
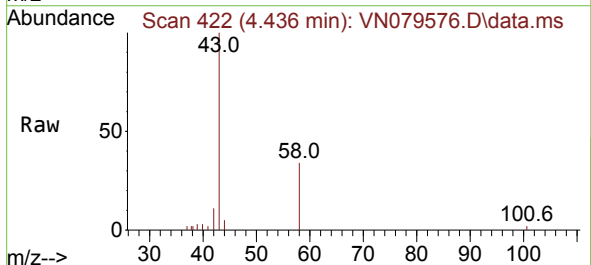
Instrument :
MSVOA_N
ClientSampleId :

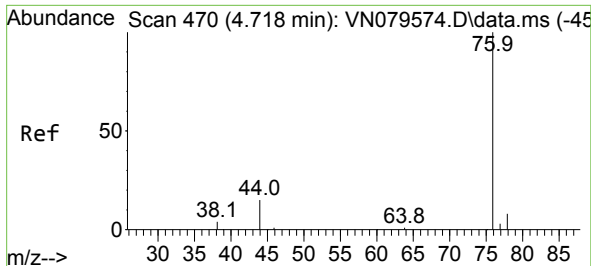
Tgt Ion: 53 Resp: 41446
Ion Ratio Lower Upper
53 100
52 86.3 41.6 124.9
51 35.5 17.8 53.3



#15
Acetone
Concen: 16.549 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 58 Resp: 8282
Ion Ratio Lower Upper
58 100
43 287.2 225.2 337.8

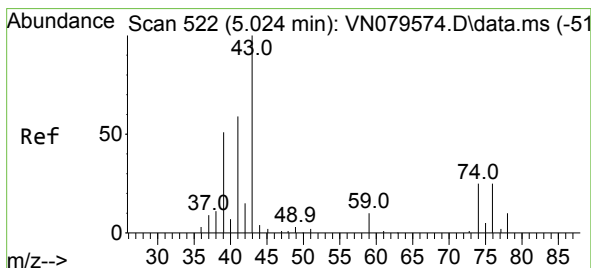
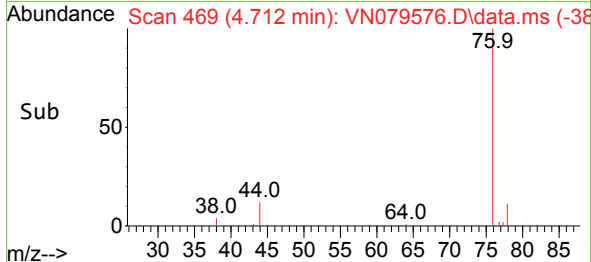
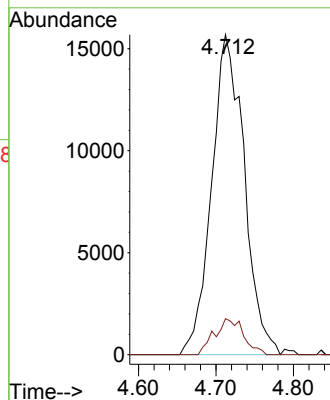
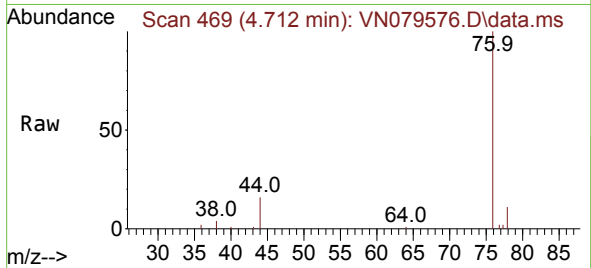




#16
Carbon Disulfide
Concen: 5.516 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

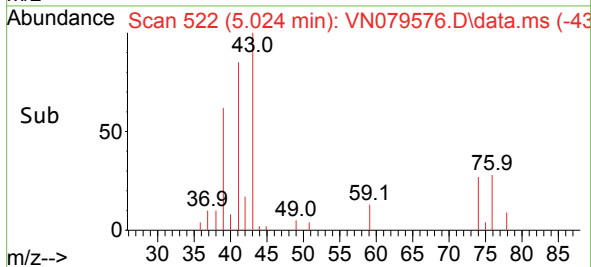
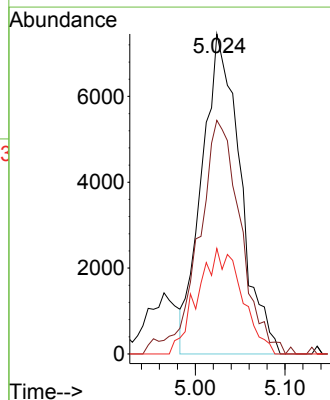
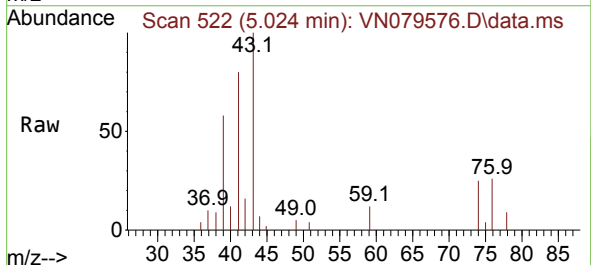
Instrument :
MSVOA_N
ClientSampleId :

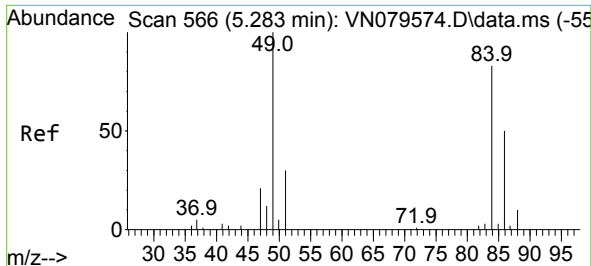
Tgt Ion: 76 Resp: 45920
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3



#17
Allyl chloride
Concen: 5.257 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

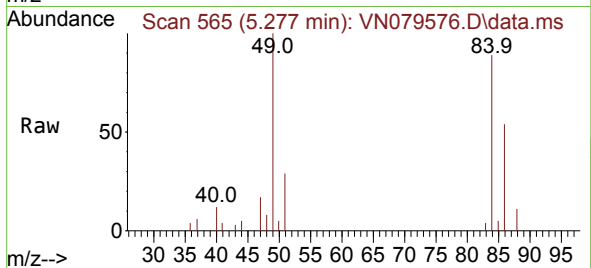
Tgt Ion: 41 Resp: 22128
Ion Ratio Lower Upper
41 100
39 69.4 38.4 115.2
76 32.9 19.5 58.5



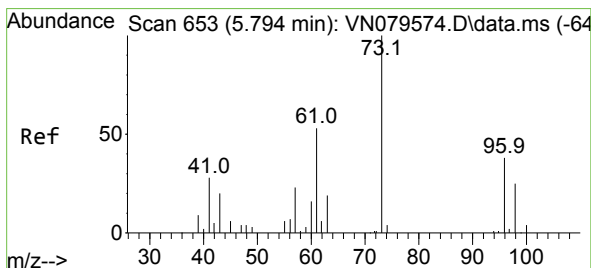
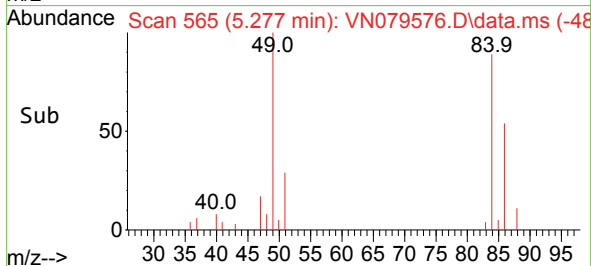
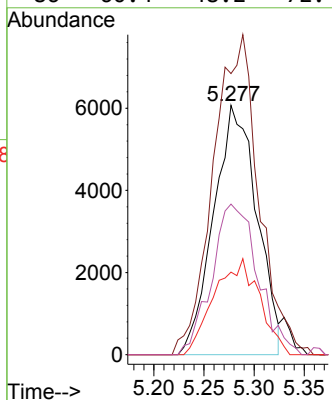


#18
Methylene Chloride
Concen: 5.427 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :

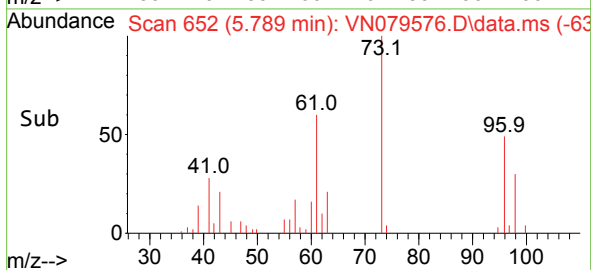
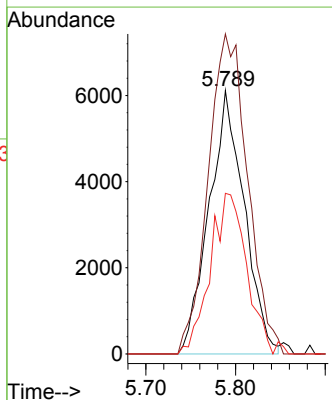
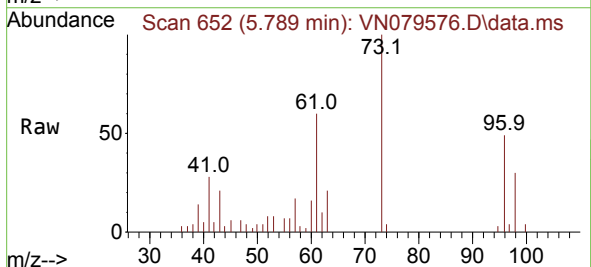


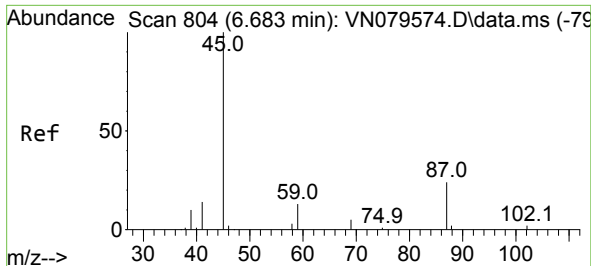
Tgt Ion:	84	Resp:	18236
Ion	Ratio	Lower	Upper
84	100		
49	106.9	100.9	151.3
51	33.1	29.4	44.2
86	60.4	48.2	72.4



#19
trans-1,2-Dichloroethene
Concen: 5.464 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

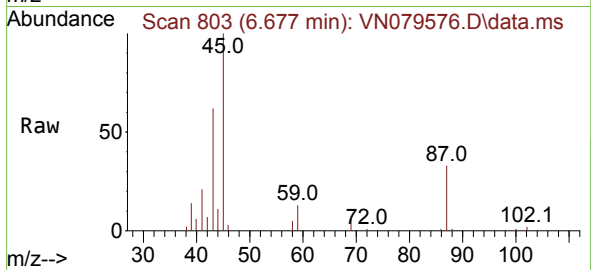
Tgt Ion:	96	Resp:	16688
Ion	Ratio	Lower	Upper
96	100		
61	121.5	113.4	170.0
98	61.0	50.4	75.6



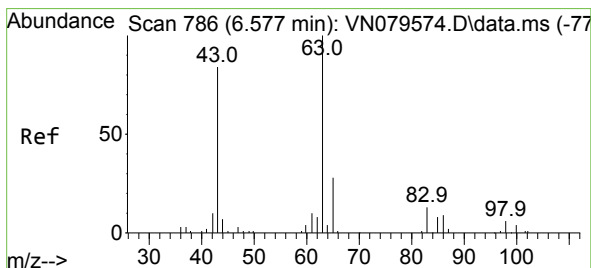
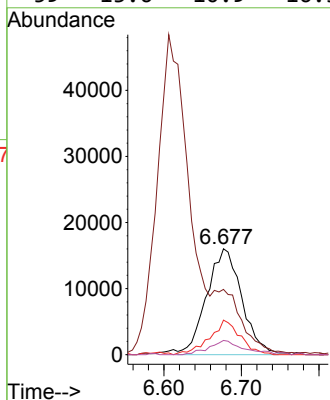
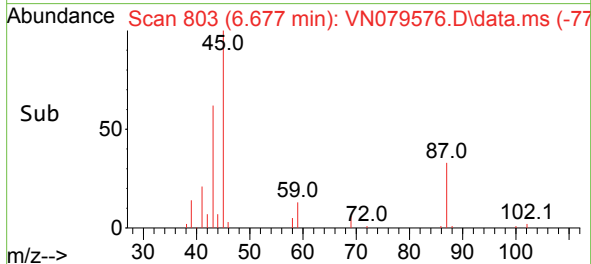


#20
Diisopropyl ether
Concen: 5.037 ug/l
RT: 6.677 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

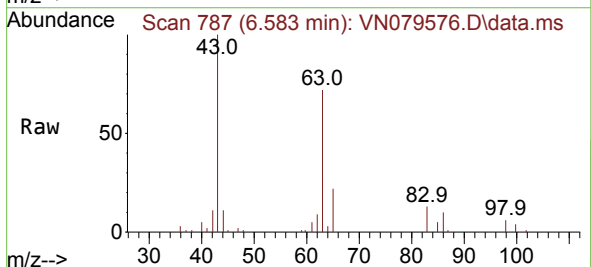
Instrument :
MSVOA_N
ClientSampleId :



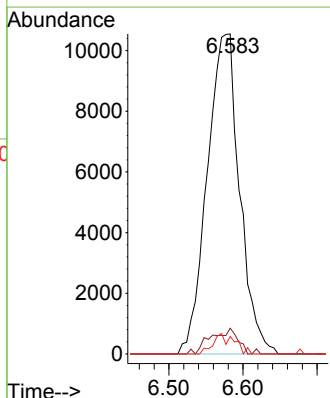
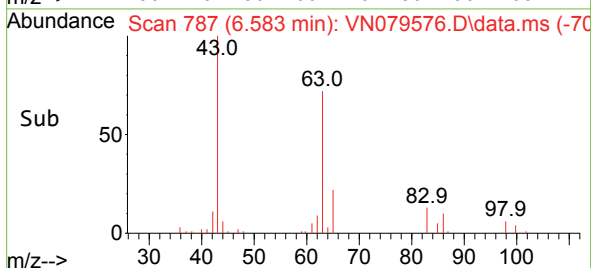
Tgt Ion:	45	Resp:	50275
Ion	Ratio	Lower	Upper
45	100		
43	59.3	42.1	63.1
87	33.2	20.5	30.7
59	13.6	10.9	16.3

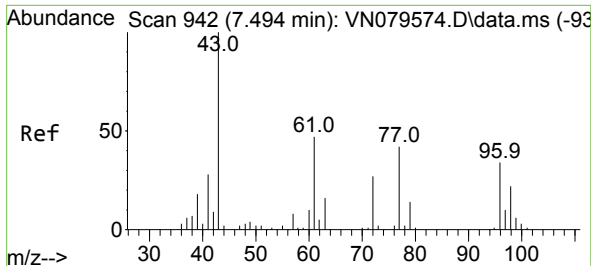


#21
1,1-Dichloroethane
Concen: 5.291 ug/l
RT: 6.583 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



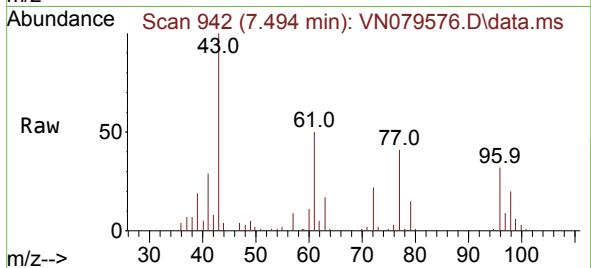
Tgt Ion:	63	Resp:	32086
Ion	Ratio	Lower	Upper
63	100		
98	8.1	2.8	8.4
100	5.5	1.9	5.7



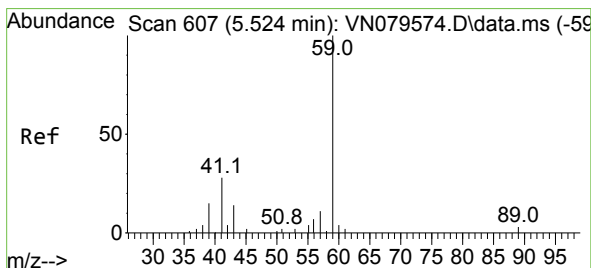
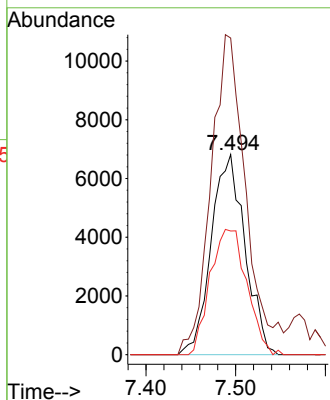
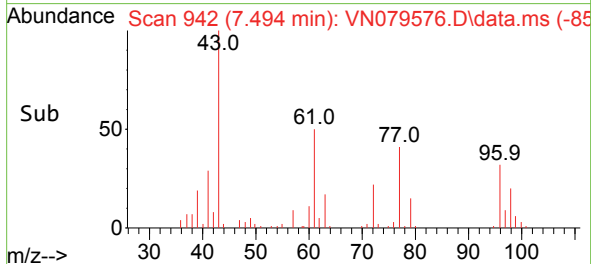


#22
 cis-1,2-Dichloroethene
 Concen: 5.061 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

Instrument :
 MSVOA_N
 ClientSampleId :

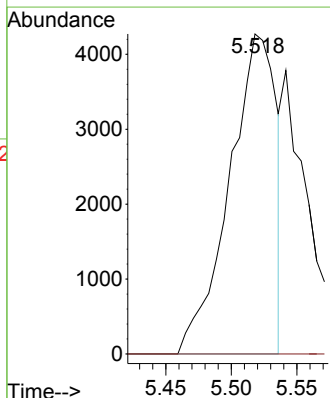
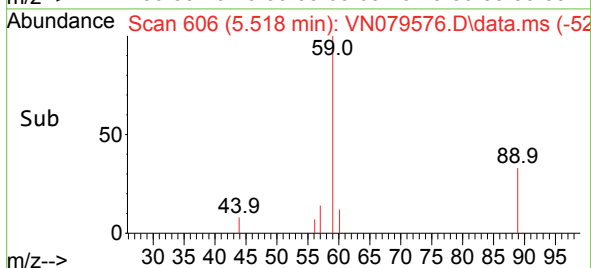
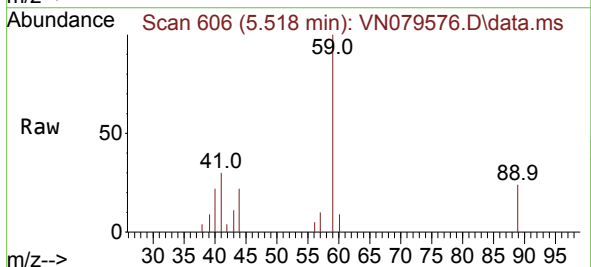


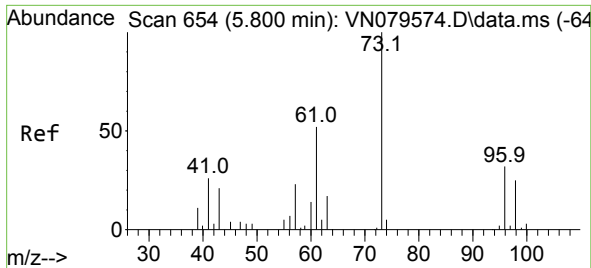
Tgt Ion: 96 Resp: 17802
 Ion Ratio Lower Upper
 96 100
 61 161.0 124.6 186.8
 98 67.8 54.2 81.4



#23
 tert-Butyl Alcohol
 Concen: 20.050 ug/l
 RT: 5.518 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

Tgt Ion: 59 Resp: 10575
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

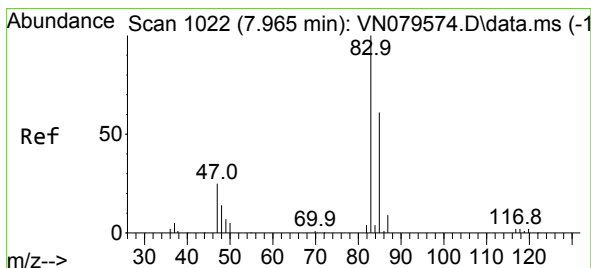
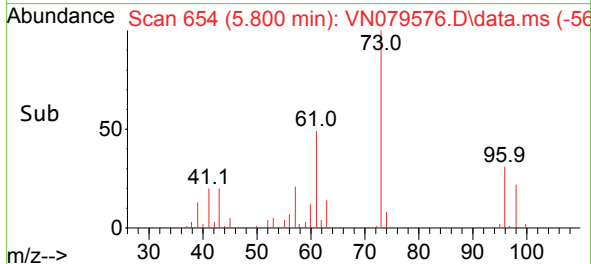
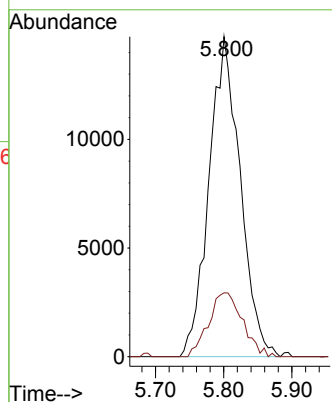
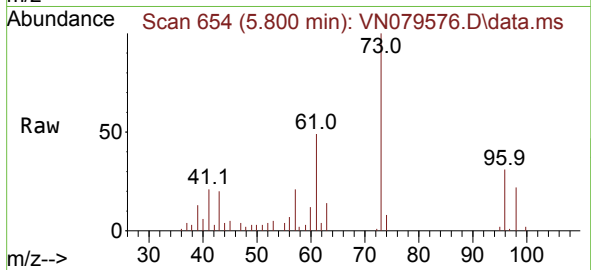




#24
Methyl tert-Butyl Ether
Concen: 5.123 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

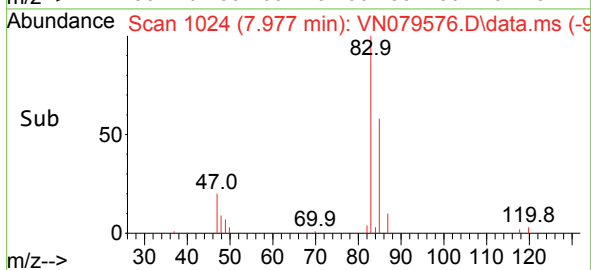
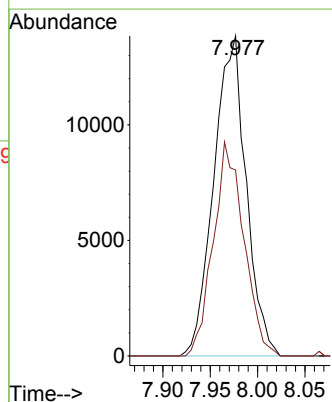
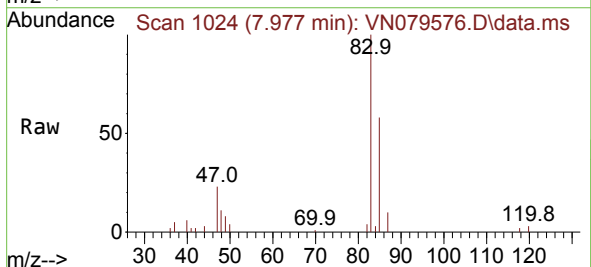
Instrument :
MSVOA_N
ClientSampleId :

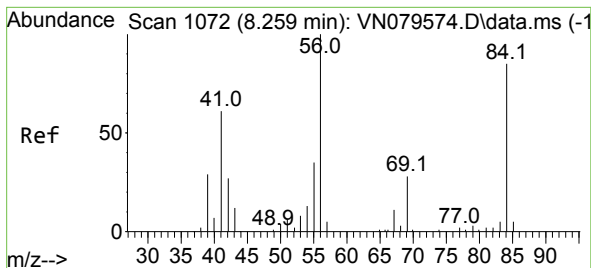
Tgt Ion: 73 Resp: 46926
Ion Ratio Lower Upper
73 100
43 21.6 16.6 24.8



#25
Chloroform
Concen: 5.372 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 83 Resp: 32917
Ion Ratio Lower Upper
83 100
85 58.1 47.4 71.2





#26

Cyclohexane

Concen: 4.836 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

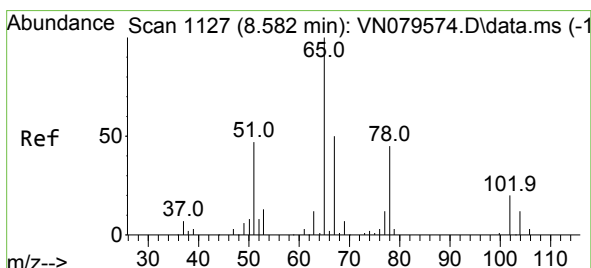
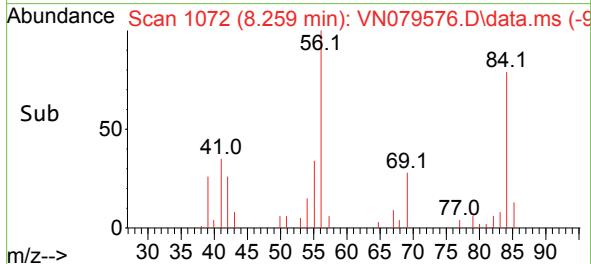
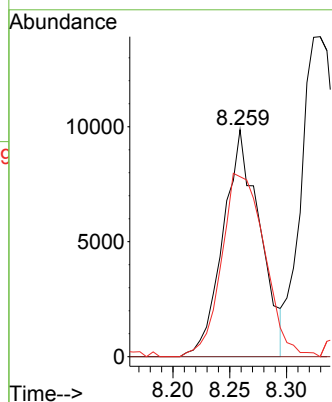
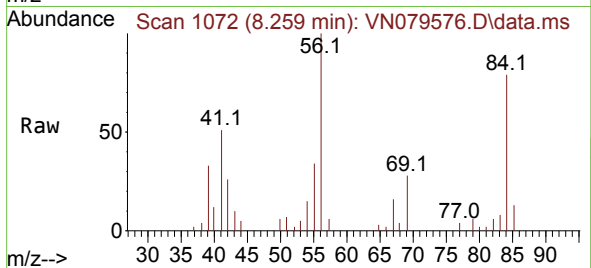
Tgt Ion: 56 Resp: 22172

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 94.1 69.0 103.4



#27

1,2-Dichloroethane-d4

Concen: 30.996 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079576.D

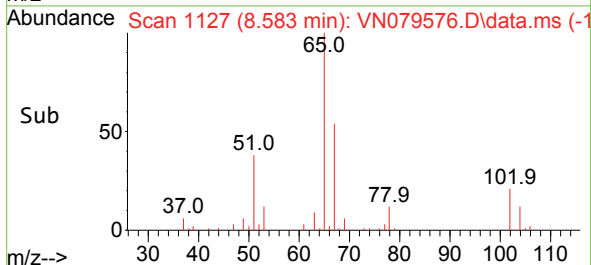
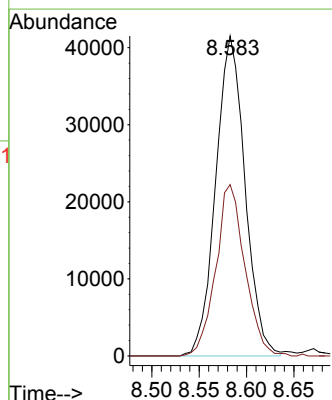
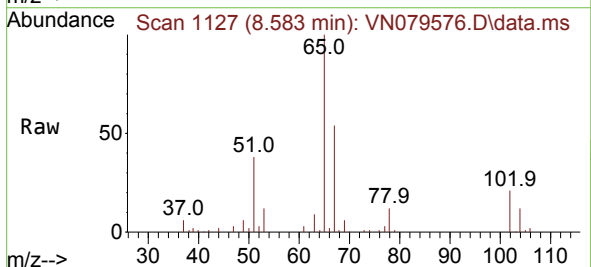
Acq: 17 Oct 2023 12:09

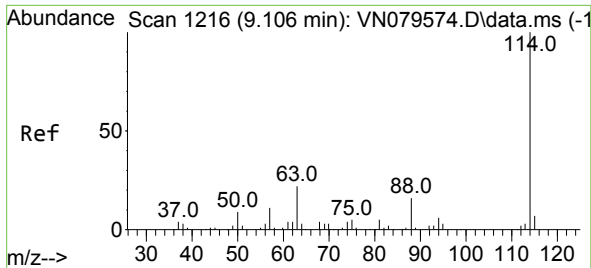
Tgt Ion: 65 Resp: 89290

Ion Ratio Lower Upper

65 100

67 53.0 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

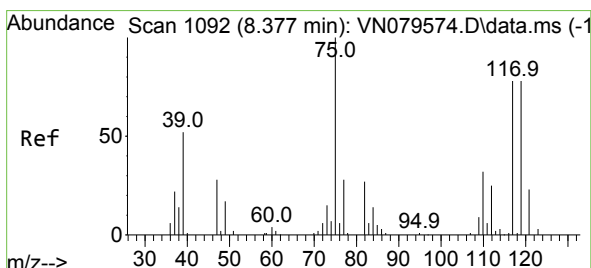
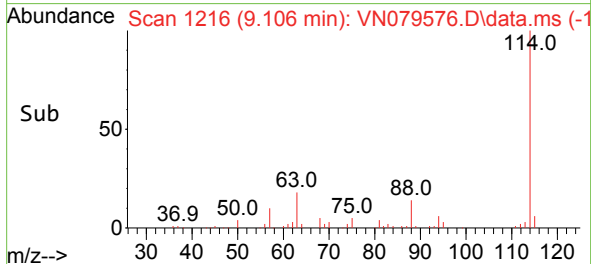
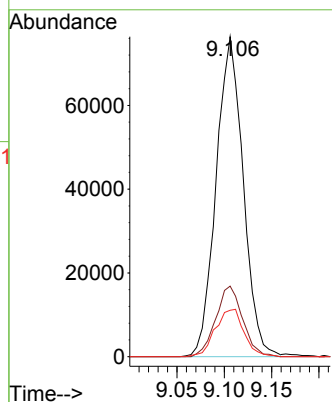
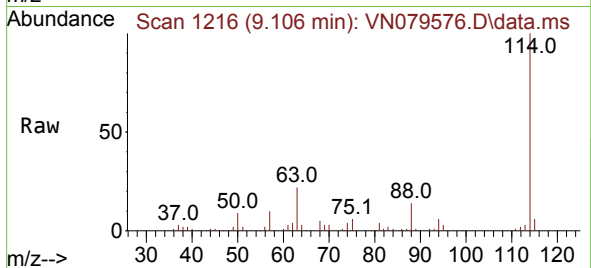
Tgt Ion:114 Resp: 151891

Ion Ratio Lower Upper

114 100

63 21.9 18.1 27.1

88 15.7 12.2 18.2



#29

1,1-Dichloropropene

Concen: 5.153 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

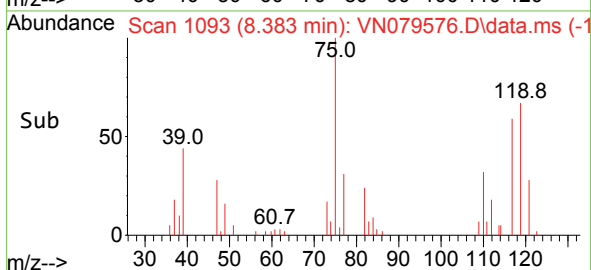
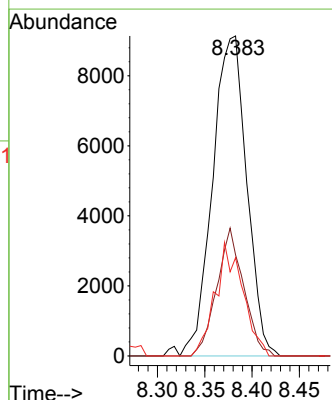
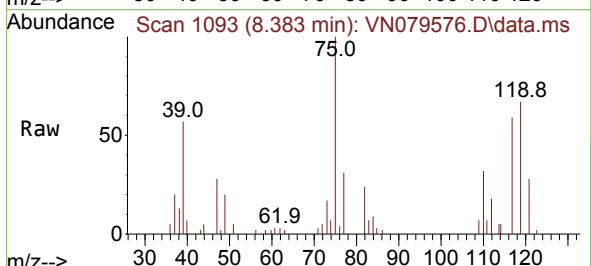
Tgt Ion: 75 Resp: 22875

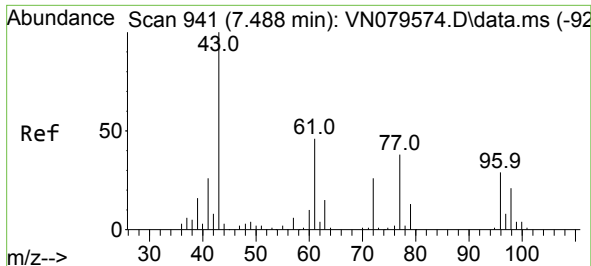
Ion Ratio Lower Upper

75 100

110 31.6 0.0 66.8

77 28.7 0.0 61.2

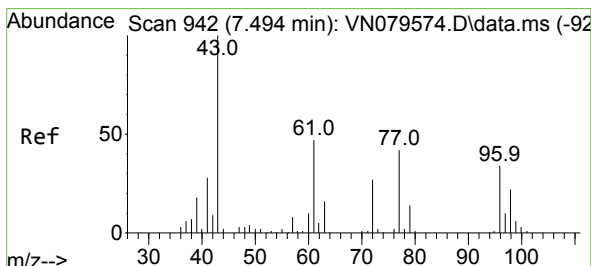
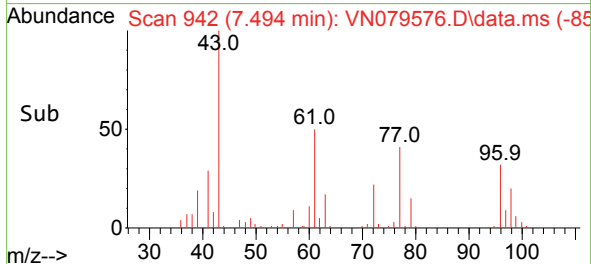
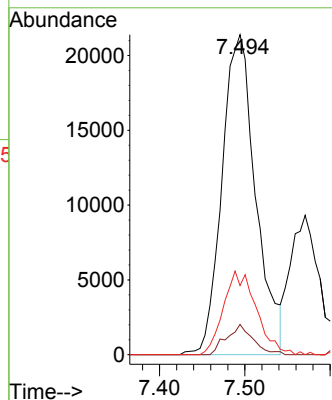
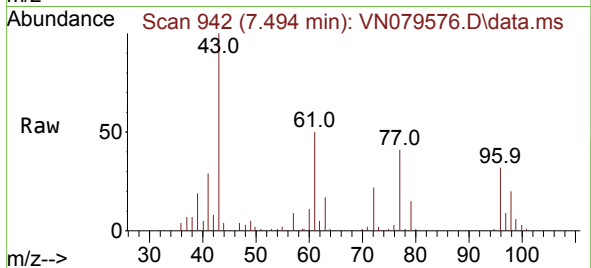




#30
2-Butanone
Concen: 26.483 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

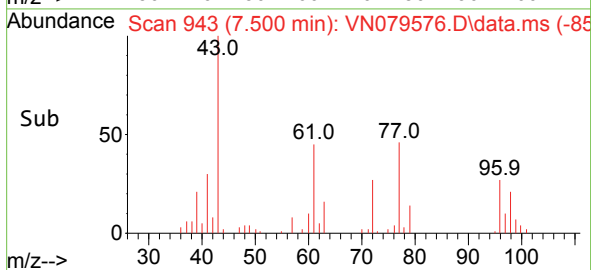
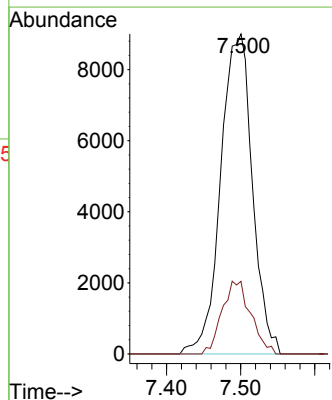
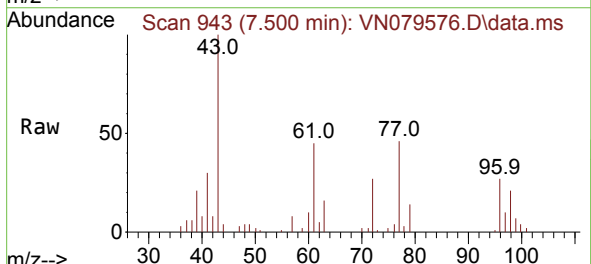
Instrument :
MSVOA_N
ClientSampleId :

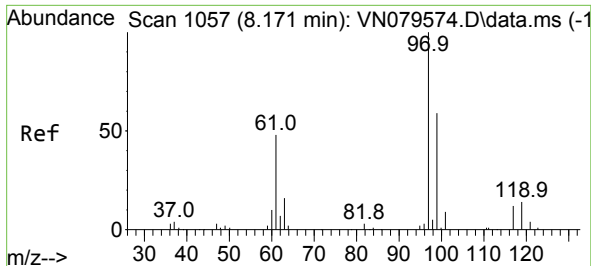
Tgt Ion: 43 Resp: 58925
Ion Ratio Lower Upper
43 100
57 7.2 6.4 9.6
72 25.2 20.7 31.1



#31
2,2-Dichloropropane
Concen: 5.334 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 77 Resp: 26695
Ion Ratio Lower Upper
77 100
97 20.7 17.9 26.9

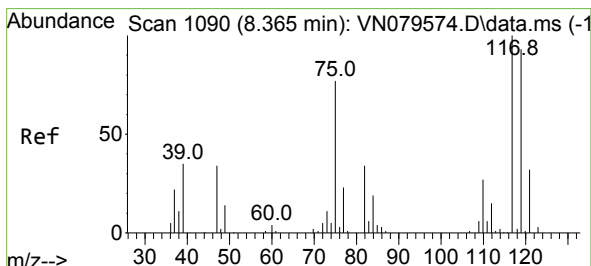
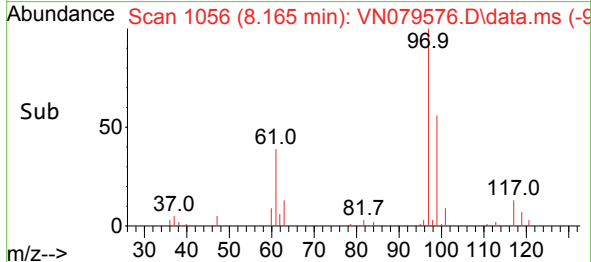
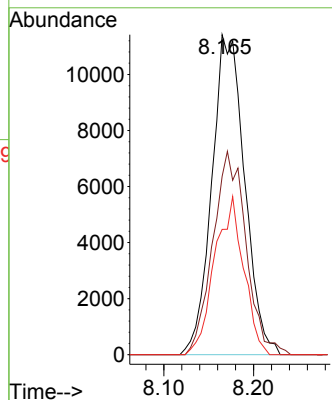
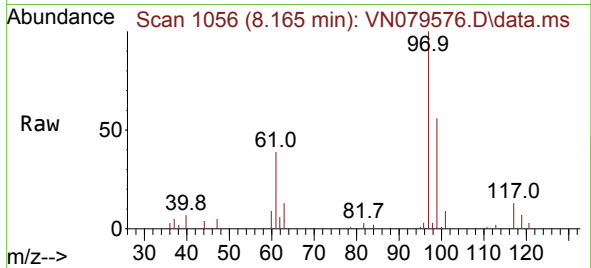




#32
1,1,1-Trichloroethane
Concen: 5.487 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

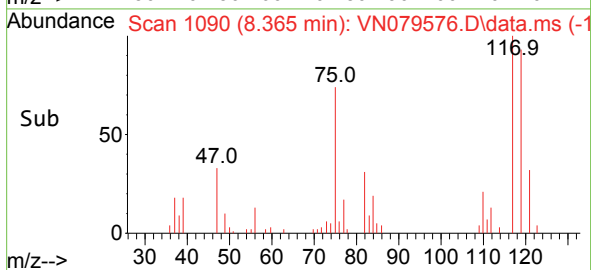
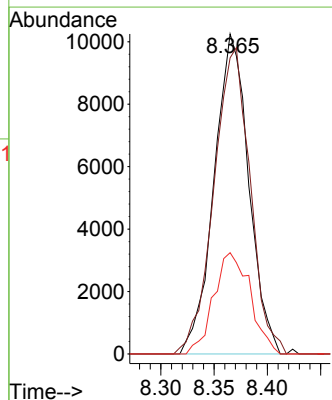
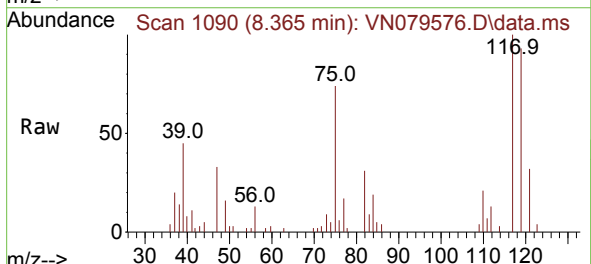
Instrument :
MSVOA_N
ClientSampleId :

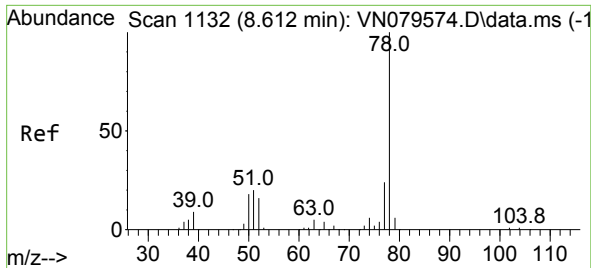
Tgt Ion: 97 Resp: 28950
Ion Ratio Lower Upper
97 100
99 63.5 51.9 77.9
61 43.9 37.6 56.4



#33
Carbon Tetrachloride
Concen: 5.170 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 117 Resp: 23198
Ion Ratio Lower Upper
117 100
119 90.6 75.0 112.6
121 31.6 24.3 36.5

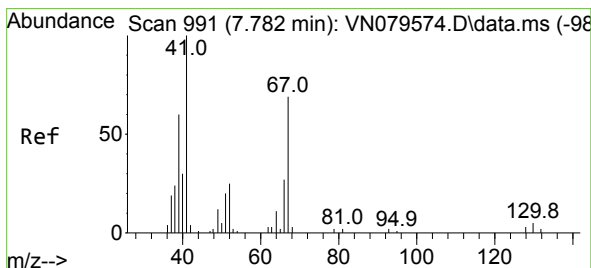
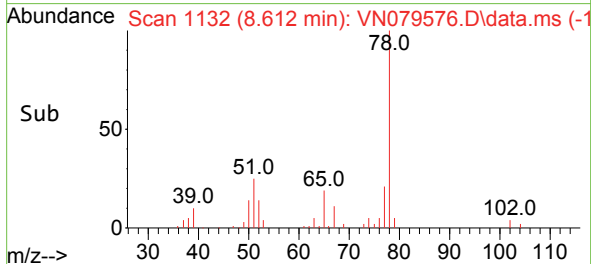
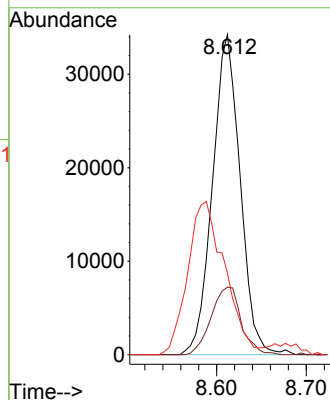
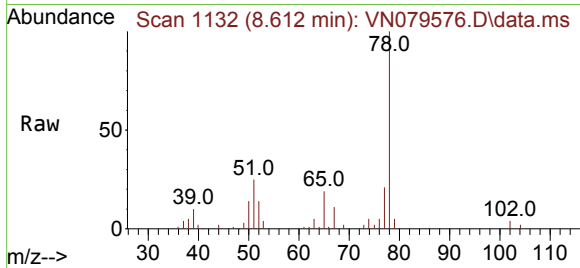




#34
Benzene
Concen: 5.419 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

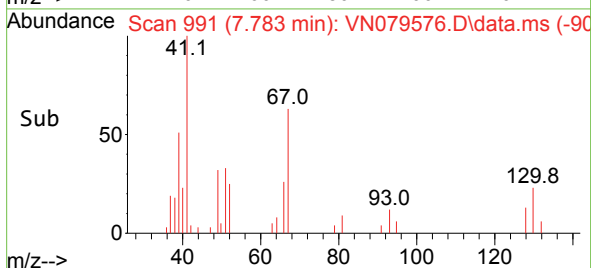
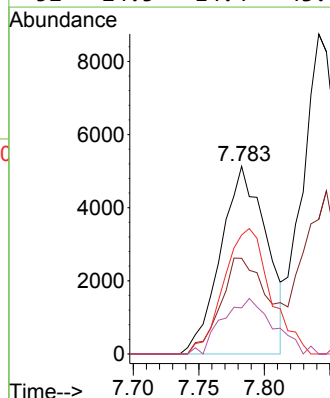
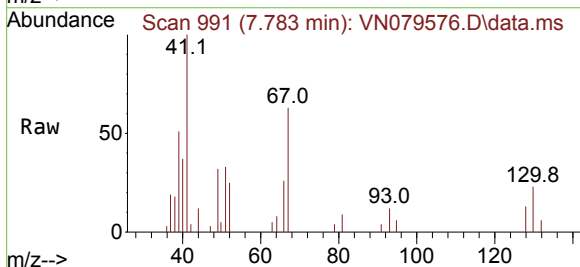
Instrument :
MSVOA_N
ClientSampleId :

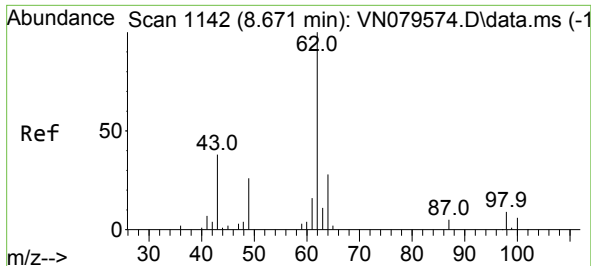
Tgt Ion: 78 Resp: 73079
Ion Ratio Lower Upper
78 100
77 21.1 19.7 29.5
51 22.9 15.8 23.6



#35
Methacrylonitrile
Concen: 5.315 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 41 Resp: 12441
Ion Ratio Lower Upper
41 100
39 50.9 26.3 78.8
67 63.4 37.5 112.3
52 24.5 14.4 43.4





#36

1,2-Dichloroethane

Concen: 5.432 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

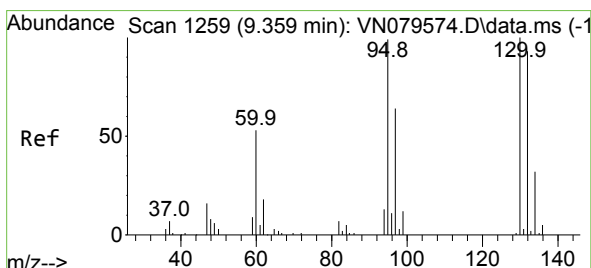
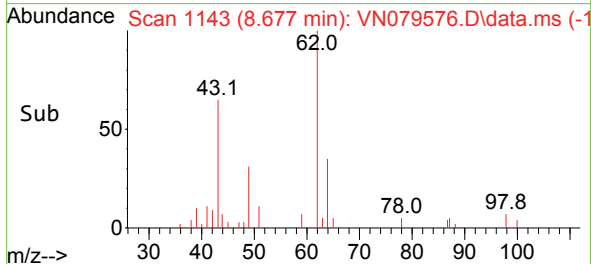
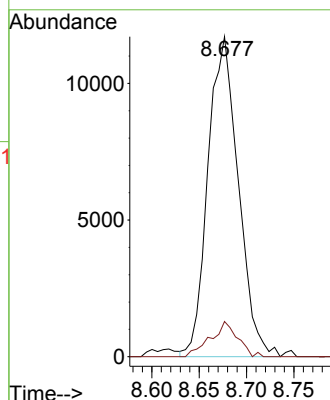
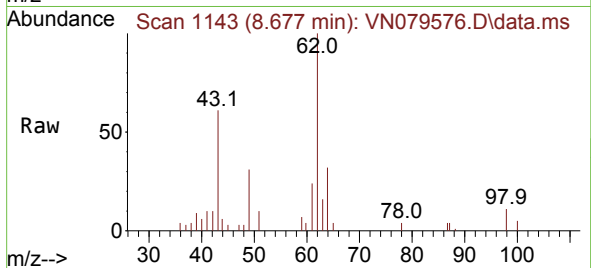
ClientSampleId :

Tgt Ion: 62 Resp: 26157

Ion Ratio Lower Upper

62 100

98 9.6 7.2 10.8



#37

Trichloroethene

Concen: 5.384 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN079576.D

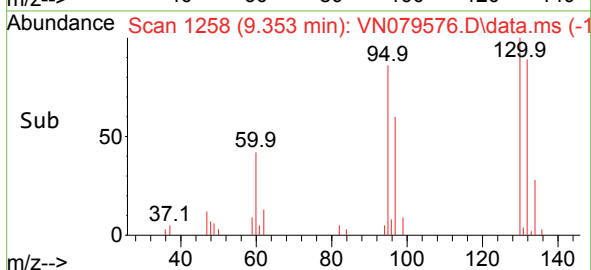
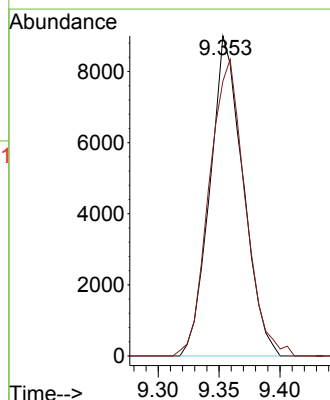
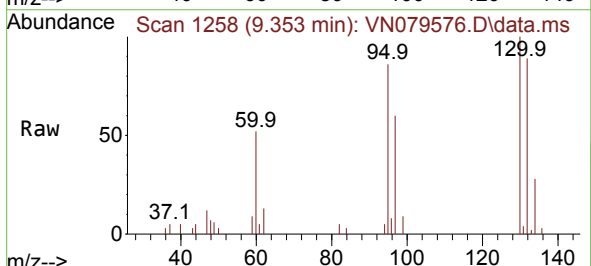
Acq: 17 Oct 2023 12:09

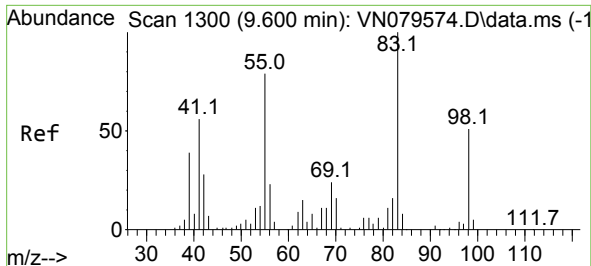
Tgt Ion:130 Resp: 16974

Ion Ratio Lower Upper

130 100

95 84.2 81.2 121.8

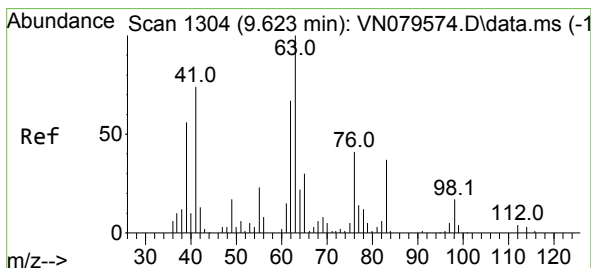
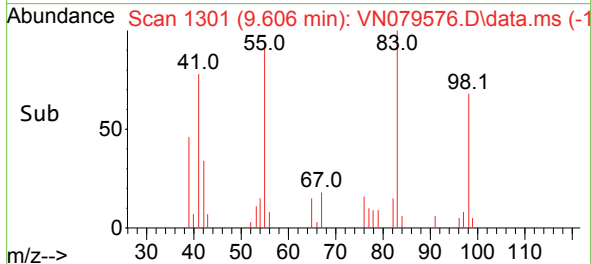
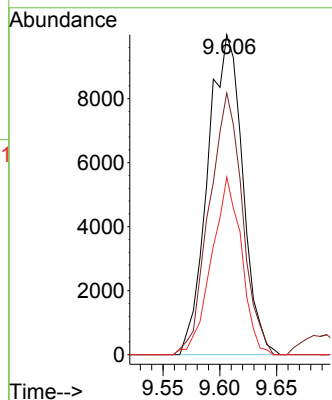
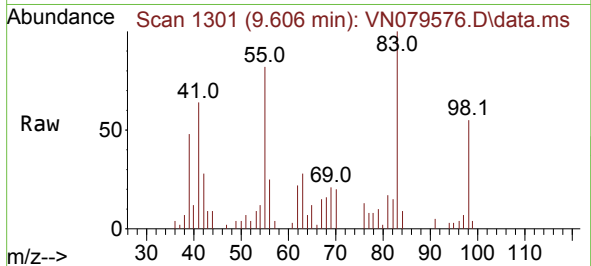




#38
Methylcyclohexane
Concen: 4.996 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

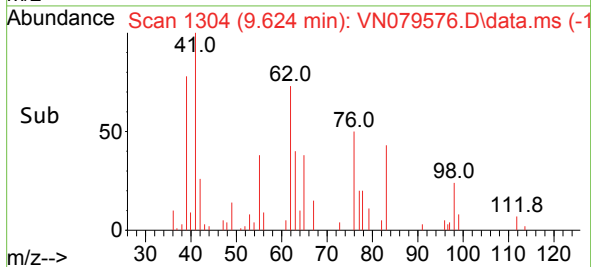
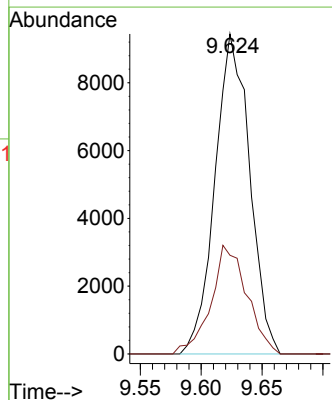
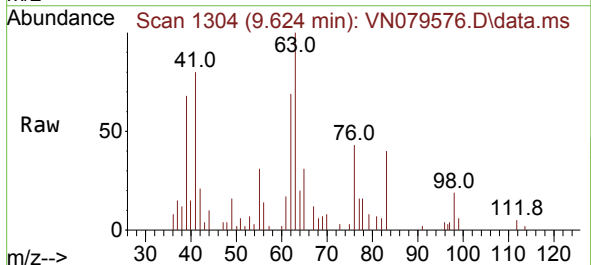
Instrument :
MSVOA_N
ClientSampleId :

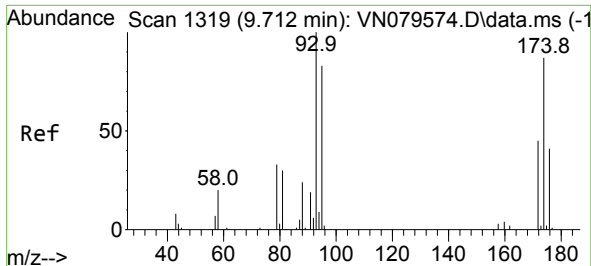
Tgt Ion: 83 Resp: 21351
Ion Ratio Lower Upper
83 100
55 77.7 39.7 119.1
98 47.6 24.4 73.2



#39
1,2-Dichloropropane
Concen: 5.255 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

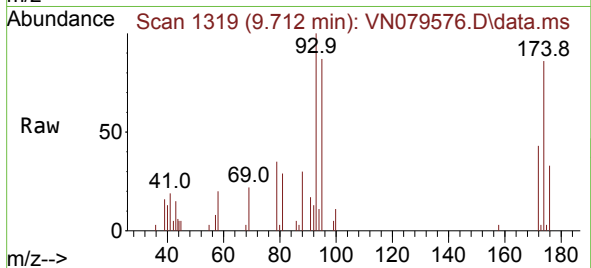
Tgt Ion: 63 Resp: 18702
Ion Ratio Lower Upper
63 100
65 30.8 25.3 37.9



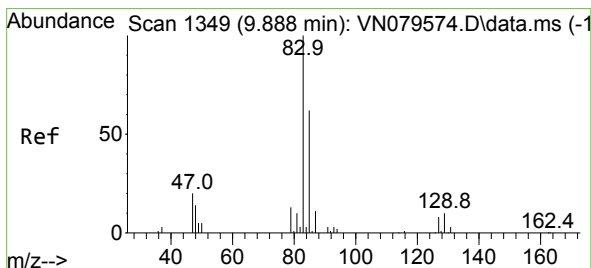
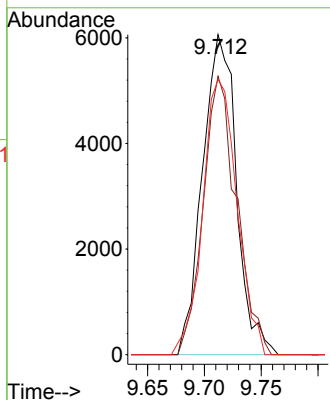
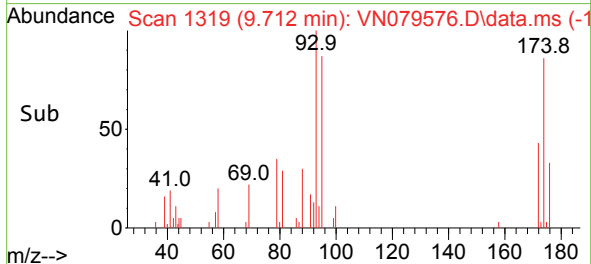


#40
Dibromomethane
Concen: 5.390 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

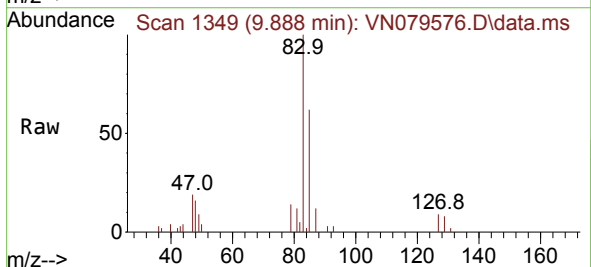
Instrument :
MSVOA_N
ClientSampleId :



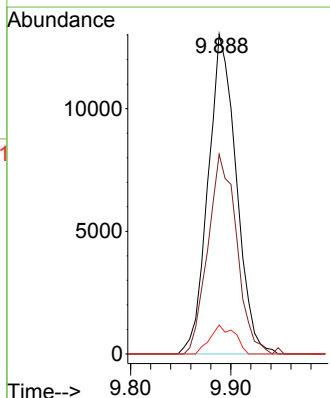
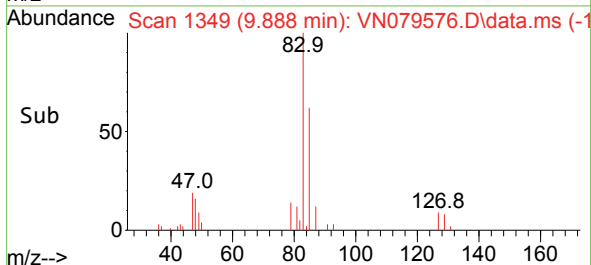
Tgt Ion: 93 Resp: 12589
Ion Ratio Lower Upper
93 100
95 85.3 0.0 166.6
174 86.8 0.0 171.0

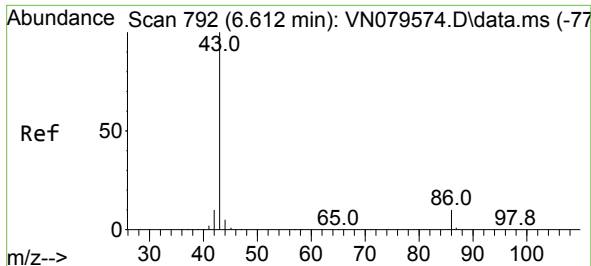


#41
Bromodichloromethane
Concen: 5.253 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09



Tgt Ion: 83 Resp: 25427
Ion Ratio Lower Upper
83 100
85 62.4 50.3 75.5
127 9.0 6.8 10.2

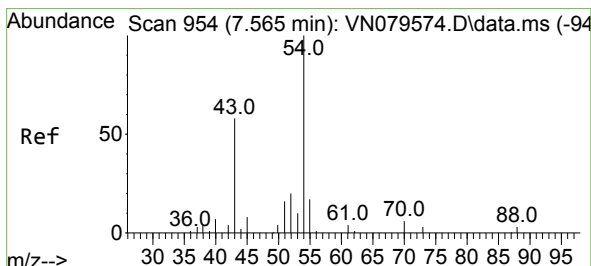
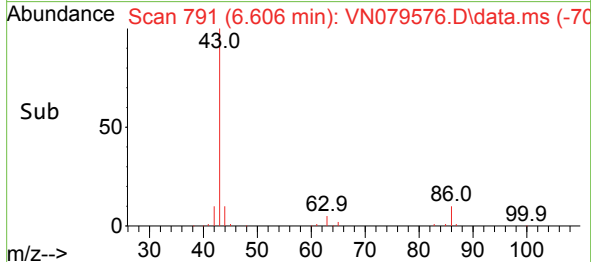
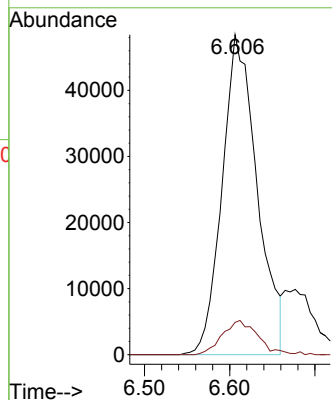
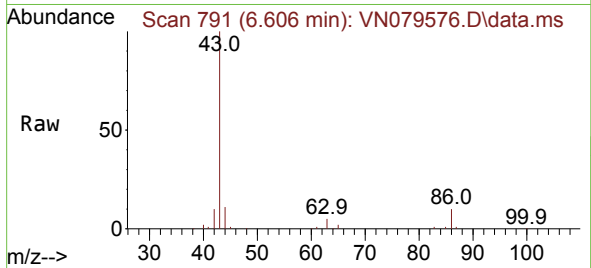




#42
 Vinyl Acetate
 Concen: 24.513 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

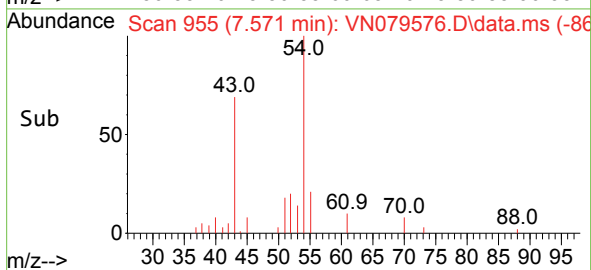
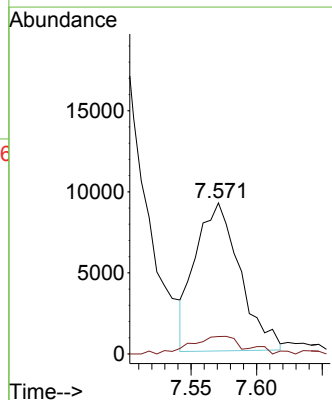
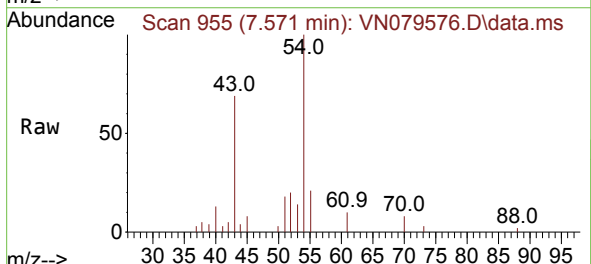
Instrument :
 MSVOA_N
 ClientSampleId :

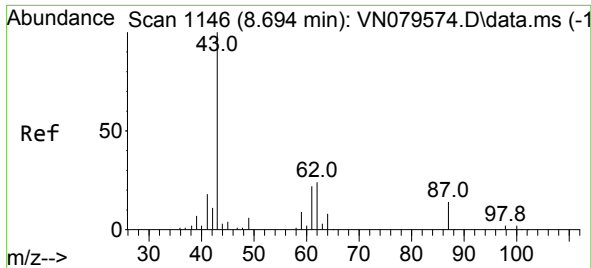
Tgt Ion: 43 Resp: 138354
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2



#43
 Ethyl Acetate
 Concen: 5.145 ug/l
 RT: 7.571 min Scan# 955
 Delta R.T. 0.006 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

Tgt Ion: 43 Resp: 21525
 Ion Ratio Lower Upper
 43 100
 45 11.8 11.8 17.8#

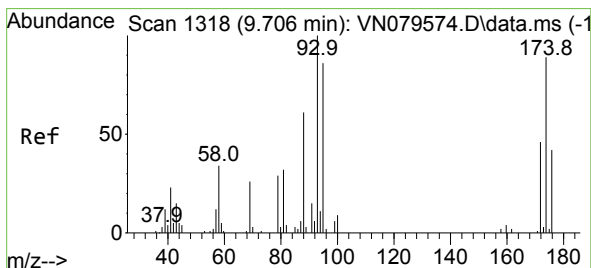
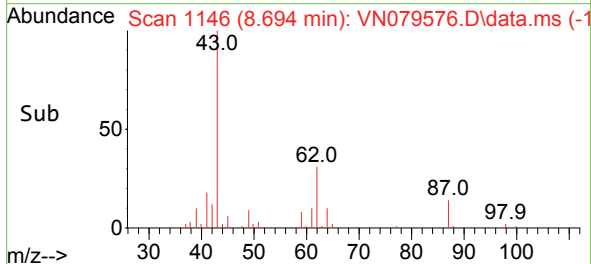
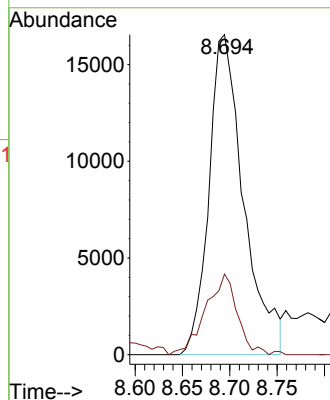
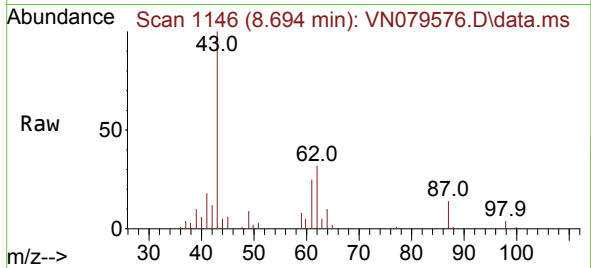




#44
Isopropyl Acetate
Concen: 5.683 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

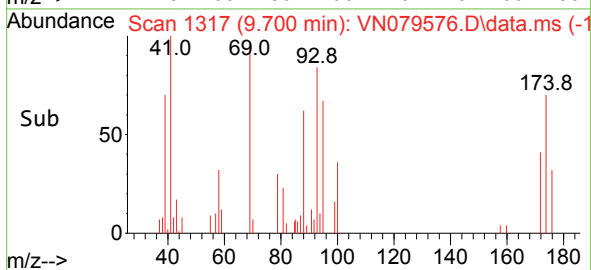
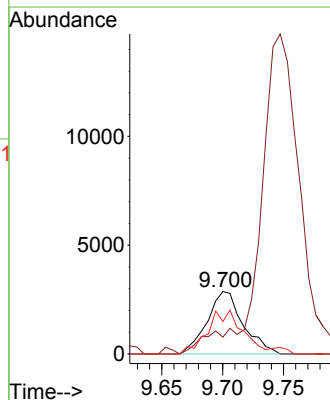
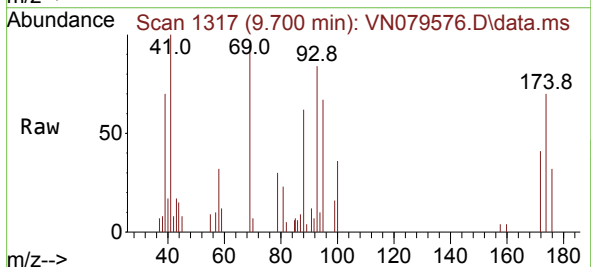
Instrument :
MSVOA_N
ClientSampleId :

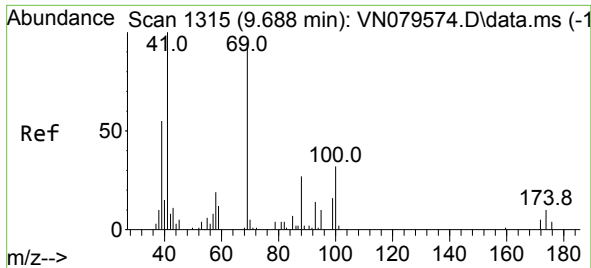
Tgt Ion: 43 Resp: 42264
Ion Ratio Lower Upper
43 100
61 22.3 20.3 30.5



#45
1,4-Dioxane
Concen: 101.515 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 88 Resp: 5910
Ion Ratio Lower Upper
88 100
43 24.0 28.7 43.1#
58 67.5 56.9 85.3

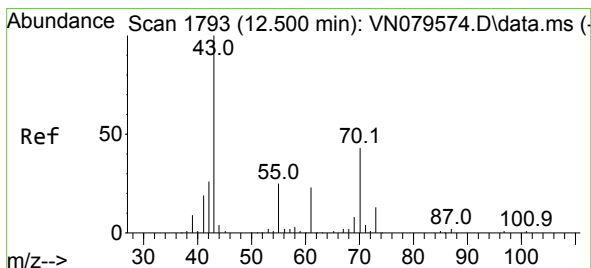
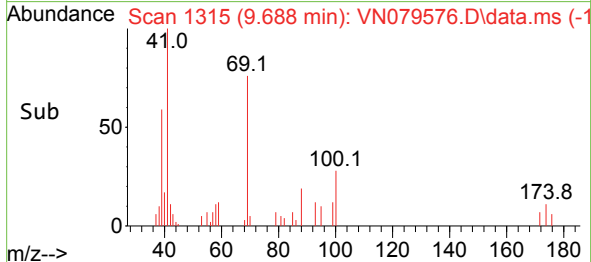
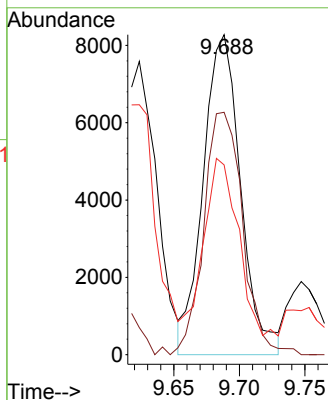
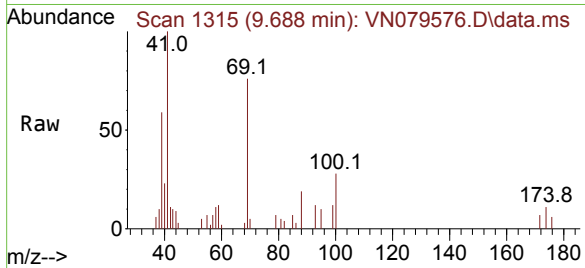




#46
Methyl methacrylate
Concen: 4.983 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

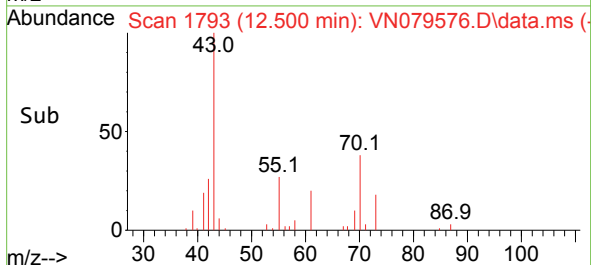
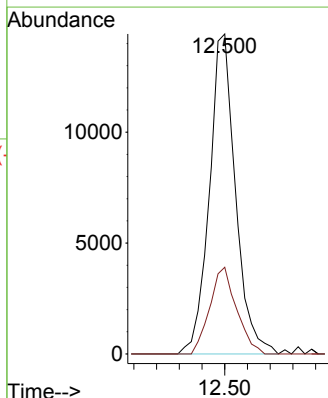
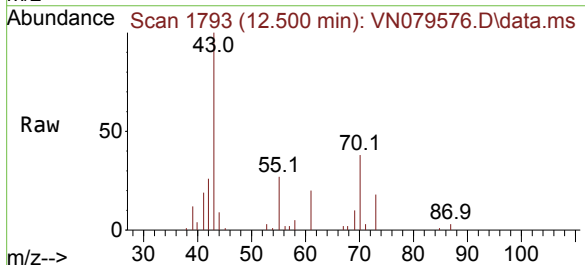
Instrument :
MSVOA_N
ClientSampleId :

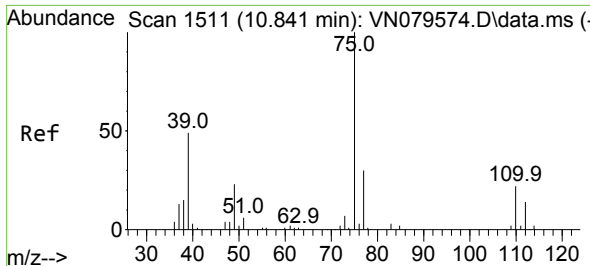
Tgt Ion: 41 Resp: 16441
Ion Ratio Lower Upper
41 100
69 79.2 40.0 119.9
39 57.4 31.1 93.3



#47
n-amy1 Acetate
Concen: 4.299 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 43 Resp: 23075
Ion Ratio Lower Upper
43 100
55 27.7 20.7 31.1

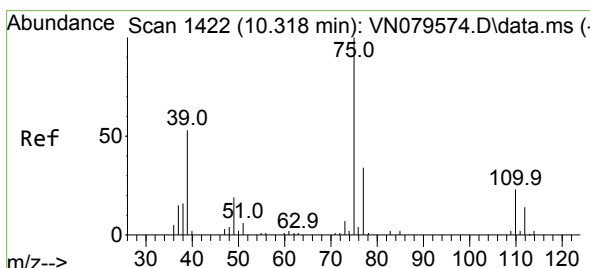
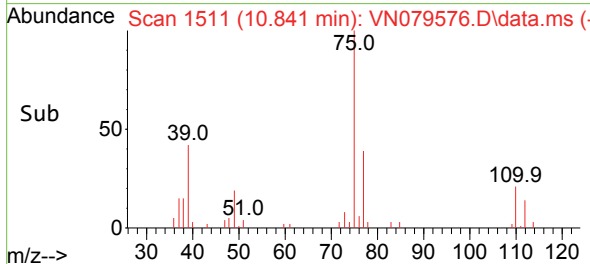
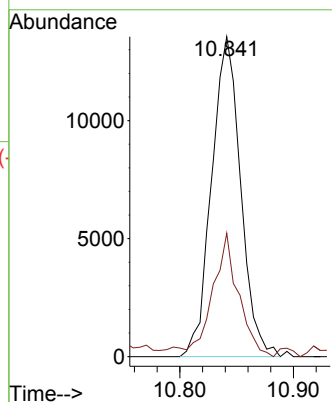
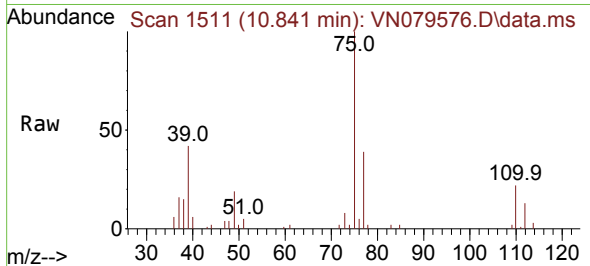




#48
 t-1,3-Dichloropropene
 Concen: 4.921 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

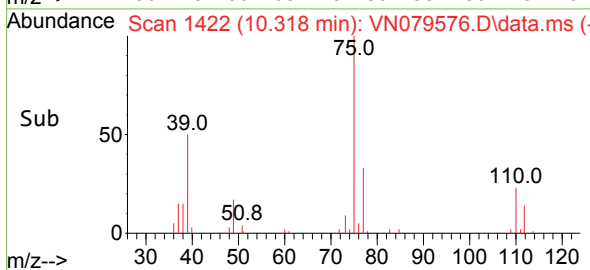
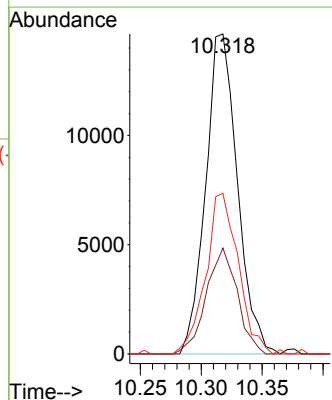
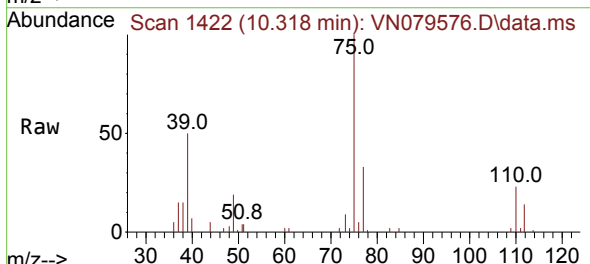
Instrument :
 MSVOA_N
 ClientSampleId :

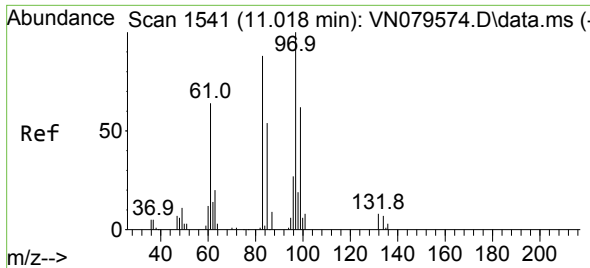
Tgt Ion: 75 Resp: 24078
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.6 38.4



#49
 cis-1,3-Dichloropropene
 Concen: 4.965 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

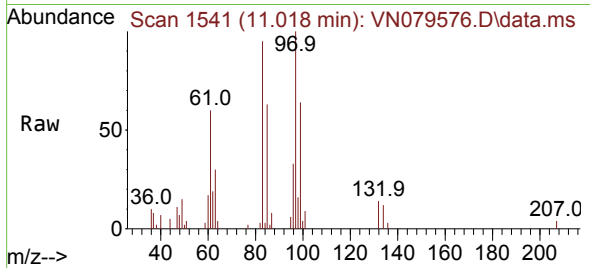
Tgt Ion: 75 Resp: 26564
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.8 38.6
 39 48.9 42.4 63.6



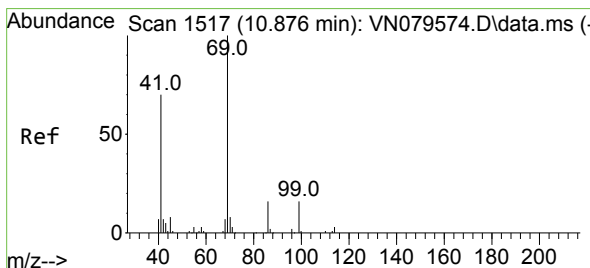
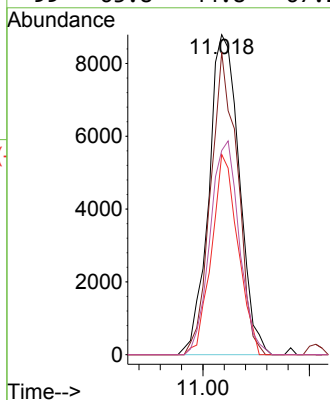
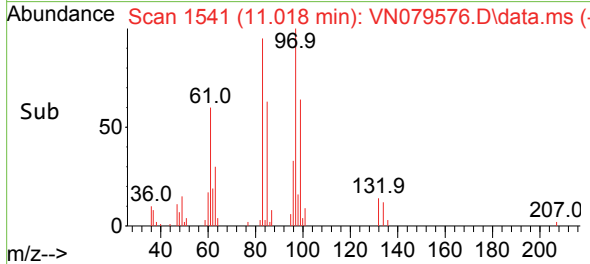


#50
1,1,2-Trichloroethane
Concen: 5.372 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :

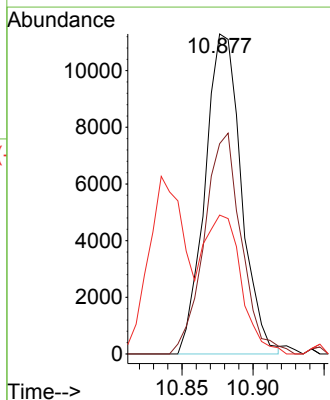
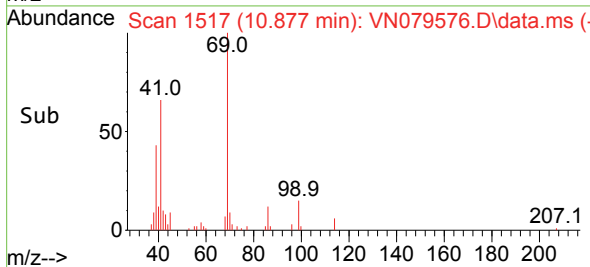
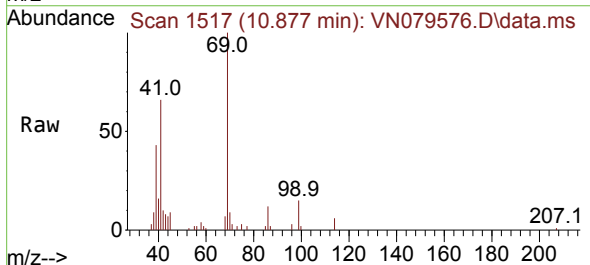


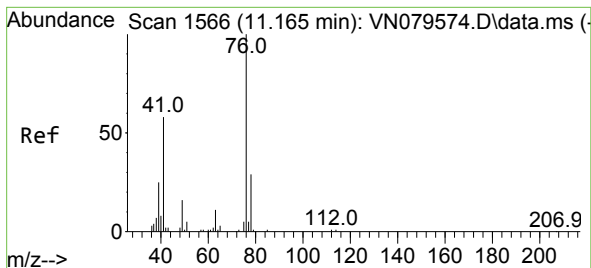
Tgt Ion:	97	Resp:	17407
Ion	Ratio	Lower	Upper
97	100		
83	94.5	68.2	102.4
85	62.6	42.9	64.3
99	63.8	44.8	67.2



#51
Ethyl methacrylate
Concen: 4.482 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:	69	Resp:	20038
Ion	Ratio	Lower	Upper
69	100		
41	63.2	33.8	101.3
39	41.5	21.3	63.9





#52

1,3-Dichloropropane

Concen: 5.336 ug/l

RT: 11.171 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

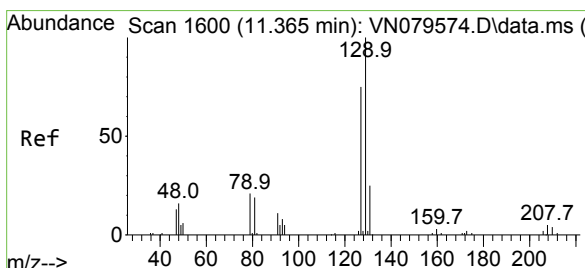
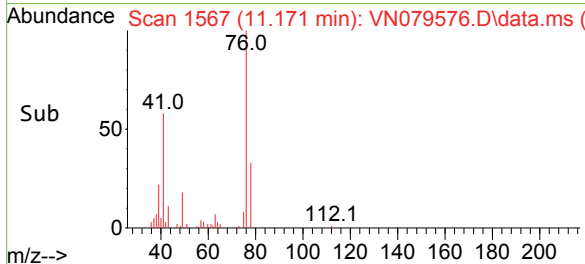
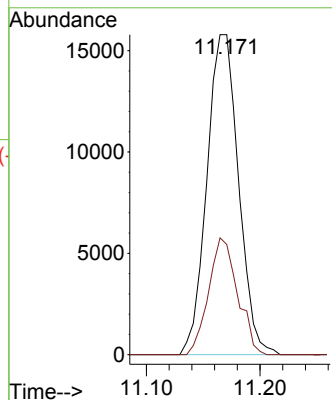
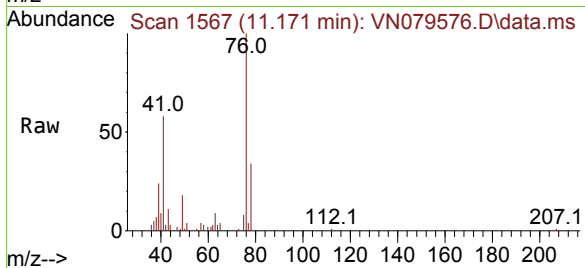
ClientSampleId :

Tgt Ion: 76 Resp: 30629

Ion Ratio Lower Upper

76 100

78 33.4 0.0 64.0



#53

Dibromochloromethane

Concen: 4.838 ug/l

RT: 11.365 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VN079576.D

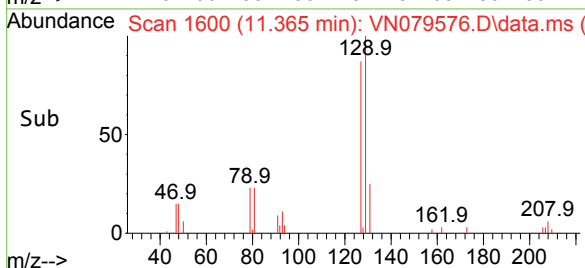
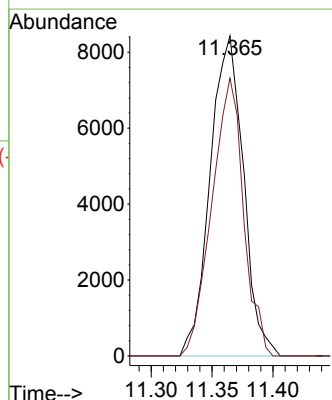
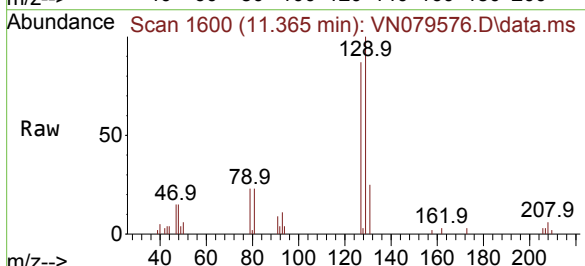
Acq: 17 Oct 2023 12:09

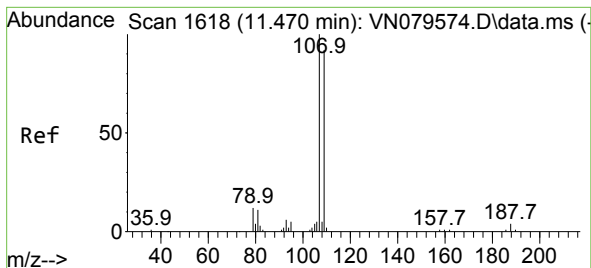
Tgt Ion: 129 Resp: 16020

Ion Ratio Lower Upper

129 100

127 82.6 38.8 116.3





#54

1,2-Dibromoethane

Concen: 5.412 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

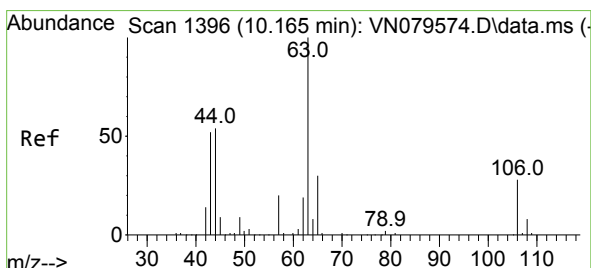
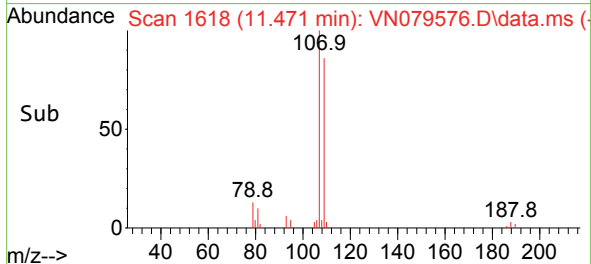
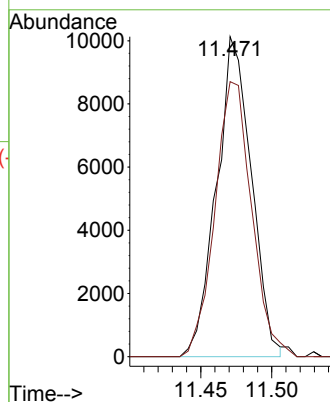
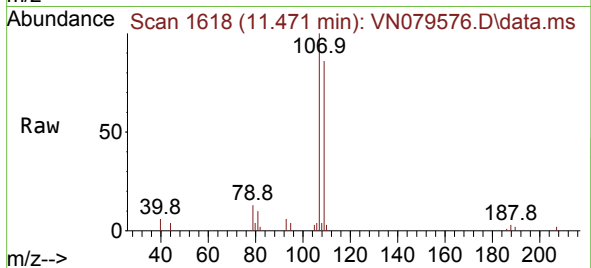
ClientSampleId :

Tgt Ion:107 Resp: 17299

Ion Ratio Lower Upper

107 100

109 90.6 73.2 109.8



#55

2-Chloroethyl vinyl ether

Concen: 19.991 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

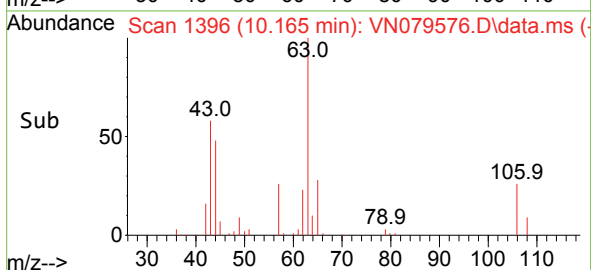
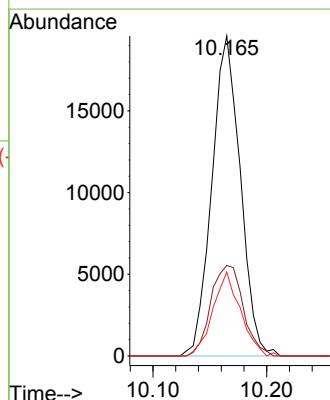
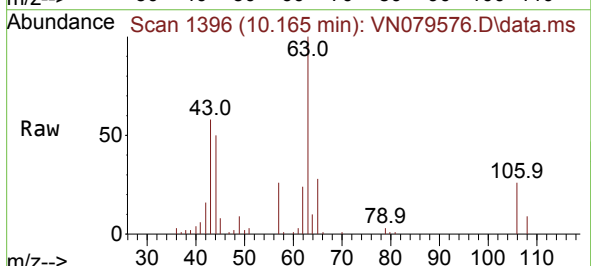
Tgt Ion: 63 Resp: 34097

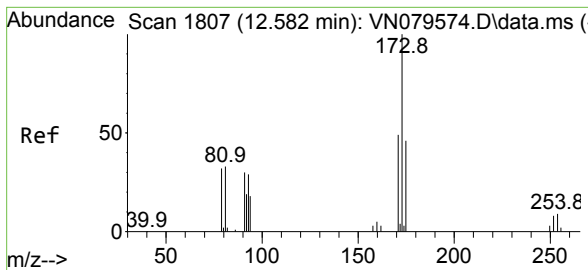
Ion Ratio Lower Upper

63 100

65 32.1 25.9 38.9

106 25.3 20.6 30.8

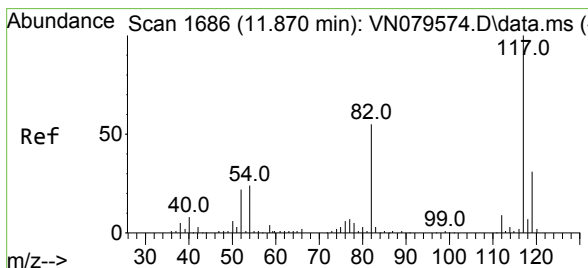
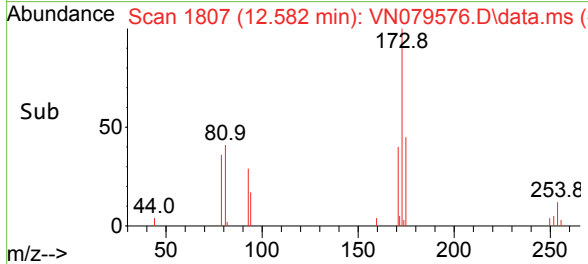
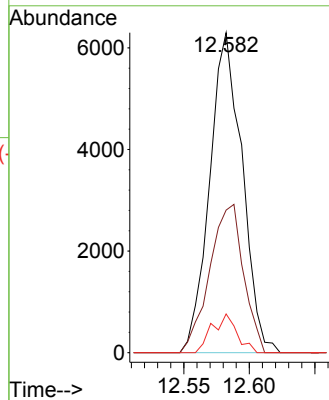
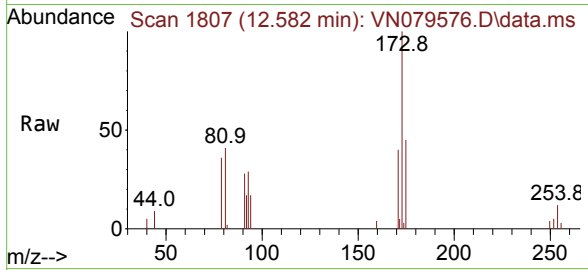




#56
Bromoform
Concen: 4.951 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

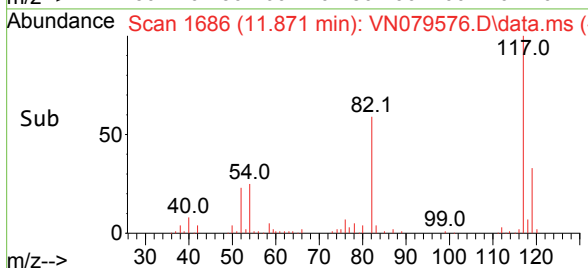
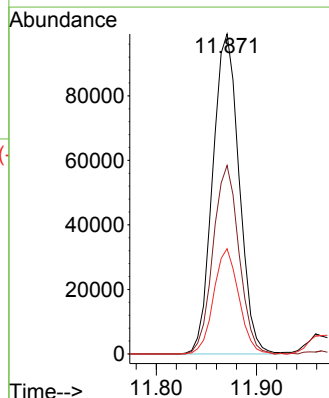
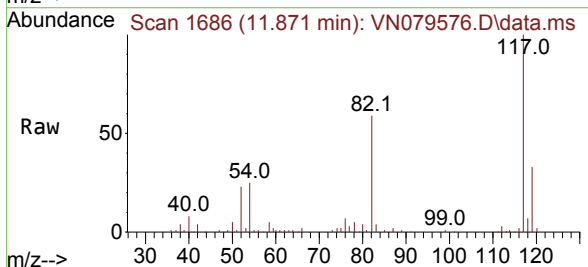
Instrument :
MSVOA_N
ClientSampleId :

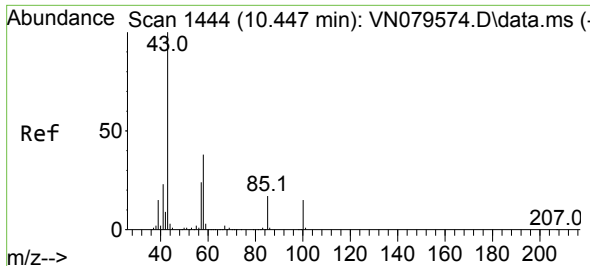
Tgt Ion:	173	Resp:	10846
Ion Ratio	Lower	Upper	
173	100		
175	48.4	37.9	56.9
254	9.2	7.3	10.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

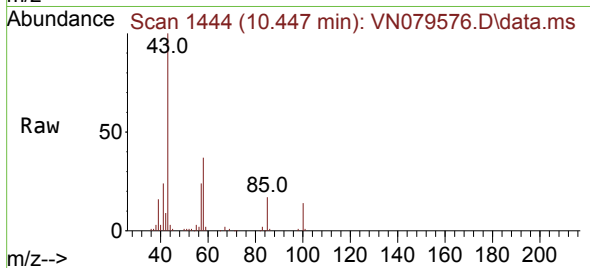
Tgt Ion:	117	Resp:	181419
Ion Ratio	Lower	Upper	
117	100		
82	57.7	46.2	69.2
119	31.3	25.2	37.8



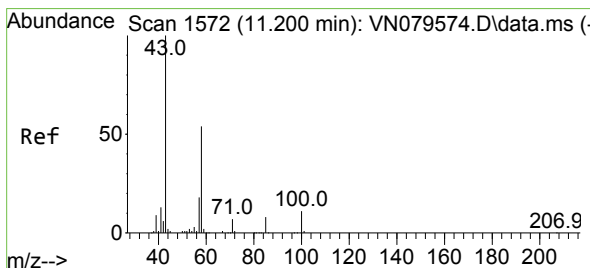
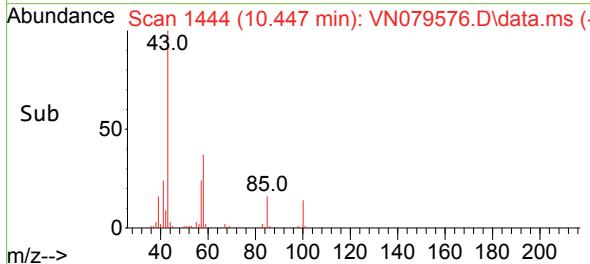
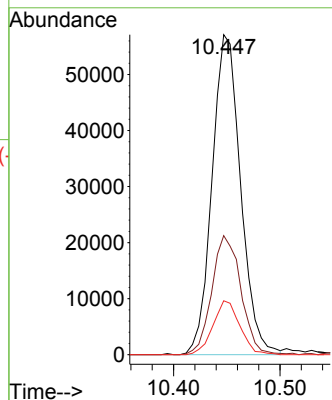


#58
4-Methyl-2-Pentanone
Concen: 25.138 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :

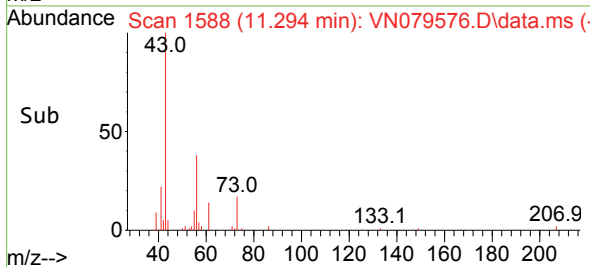
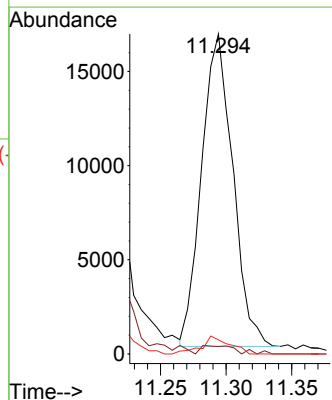
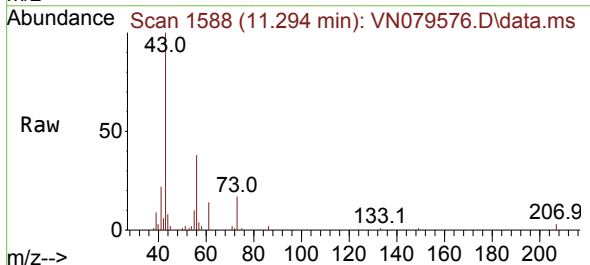


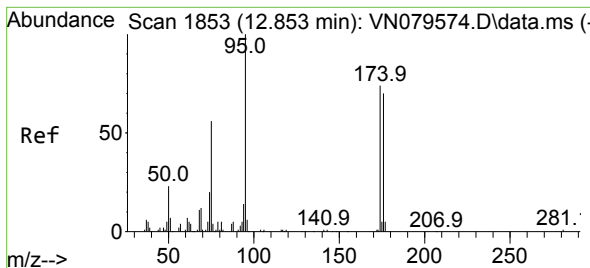
Tgt Ion:	43	Resp:	106371
Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.4	45.6
85	15.9	13.2	19.8



#59
2-Hexanone
Concen: 8.857 ug/l
RT: 11.294 min Scan# 1588
Delta R.T. 0.094 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:	43	Resp:	27494
Ion	Ratio	Lower	Upper
43	100		
58	1.6	42.3	63.5#
57	5.1	13.9	20.9#

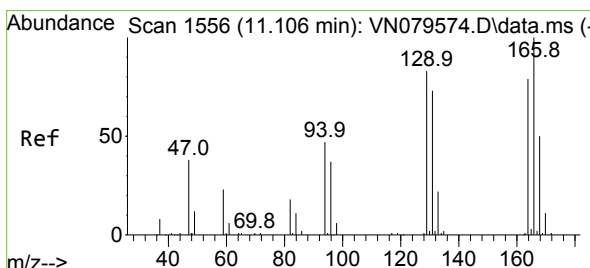
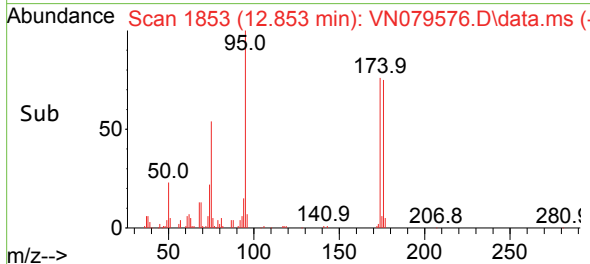
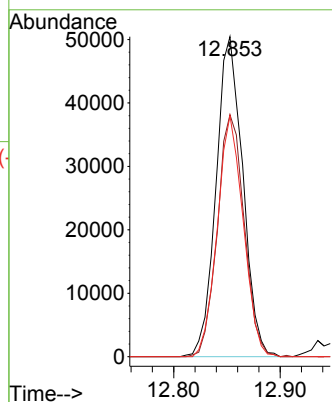
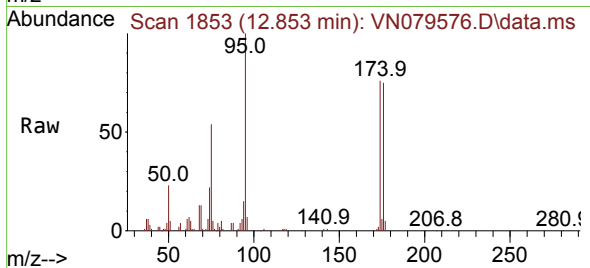




#60
4-Bromofluorobenzene
Concen: 26.470 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

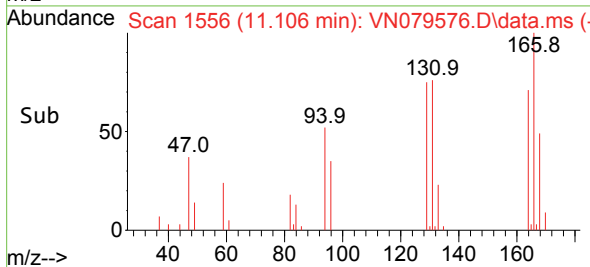
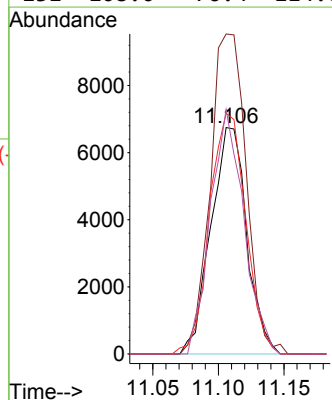
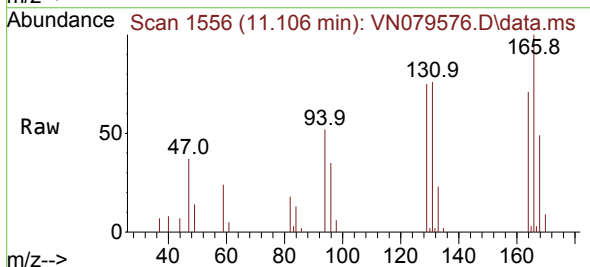
Instrument :
MSVOA_N
ClientSampleId :

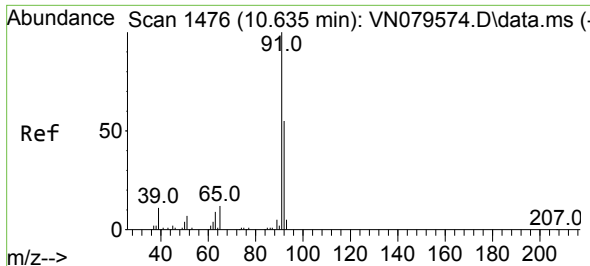
Tgt Ion: 95 Resp: 87818
Ion Ratio Lower Upper
95 100
174 75.7 60.5 90.7
176 73.0 57.2 85.8



#61
Tetrachloroethene
Concen: 5.134 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:164 Resp: 12789
Ion Ratio Lower Upper
164 100
166 141.4 98.2 147.4
129 106.3 75.0 112.4
131 108.0 76.4 114.6

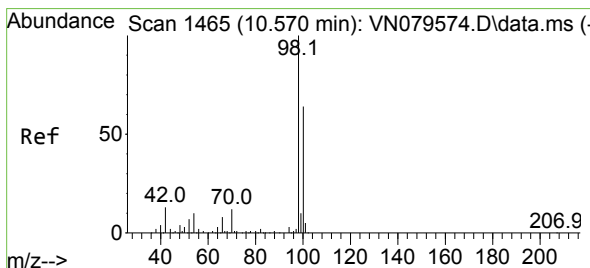
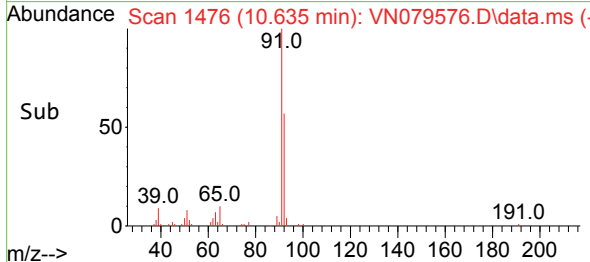
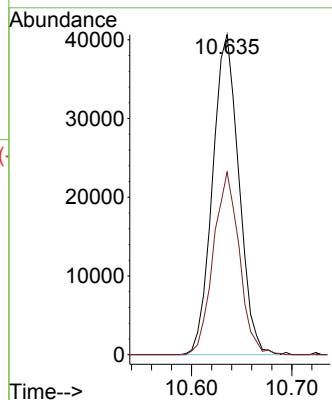
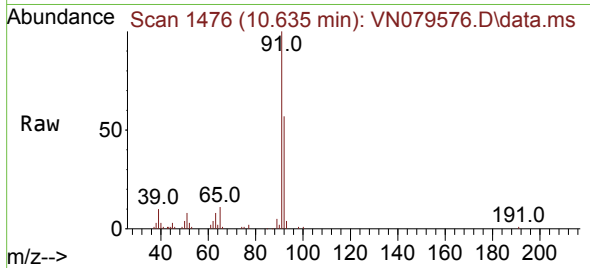




#62
Toluene
Concen: 5.358 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

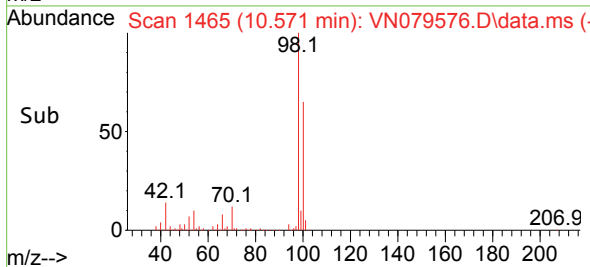
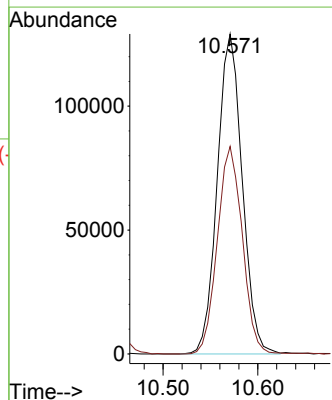
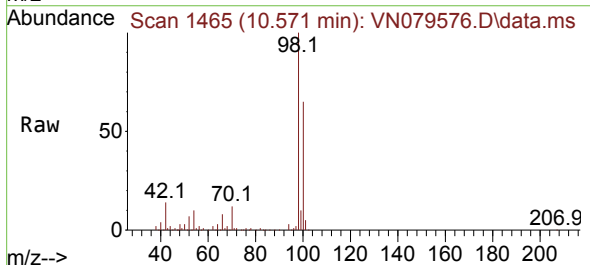
Instrument :
MSVOA_N
ClientSampleId :

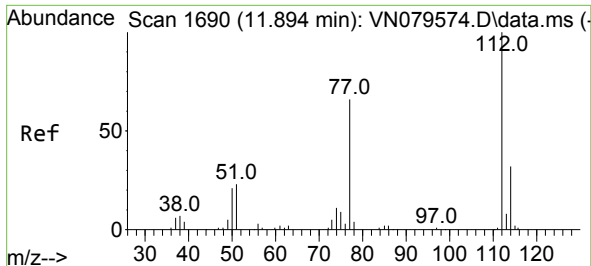
Tgt Ion: 91 Resp: 74287
Ion Ratio Lower Upper
91 100
92 56.3 45.3 67.9



#63
Toluene-d8
Concen: 30.395 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

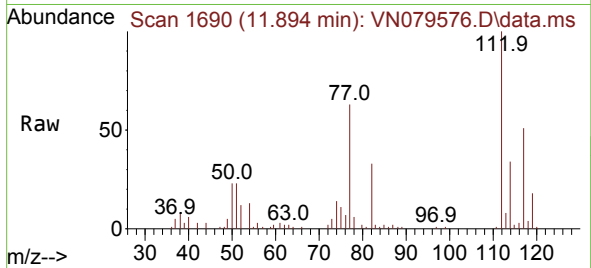
Tgt Ion: 98 Resp: 236291
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



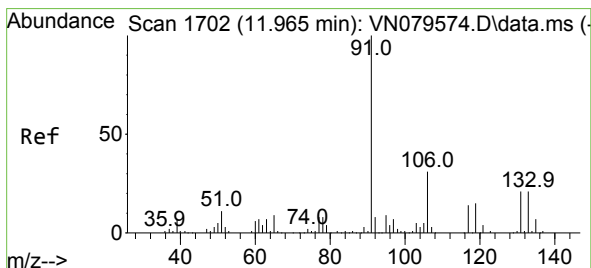
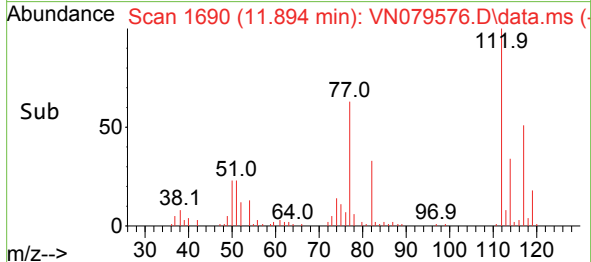
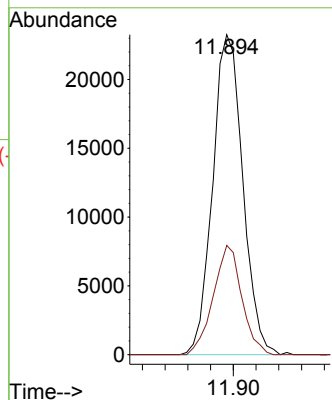


#64
Chlorobenzene
Concen: 5.319 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Instrument :
MSVOA_N
ClientSampleId :

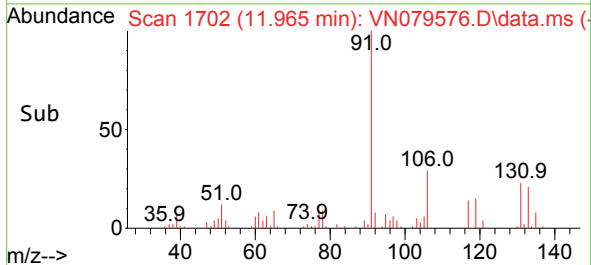
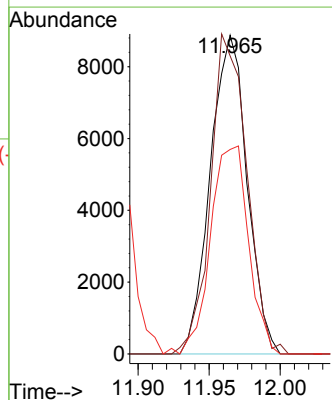
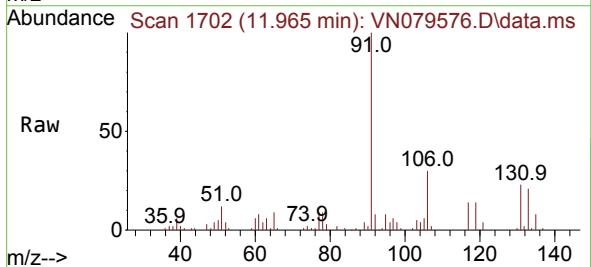


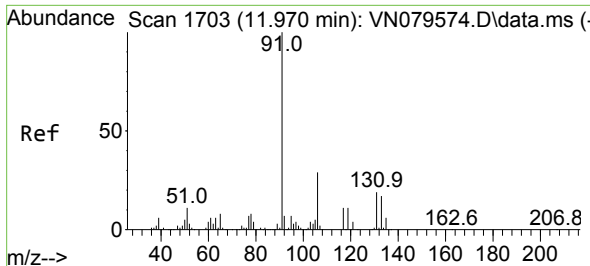
Tgt Ion:112 Resp: 42775
Ion Ratio Lower Upper
112 100
114 34.1 28.1 42.1



#65
1,1,1,2-Tetrachloroethane
Concen: 5.228 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:131 Resp: 16014
Ion Ratio Lower Upper
131 100
133 98.2 0.0 196.0
119 67.0 0.0 135.6

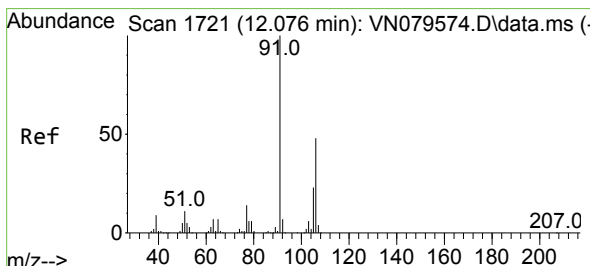
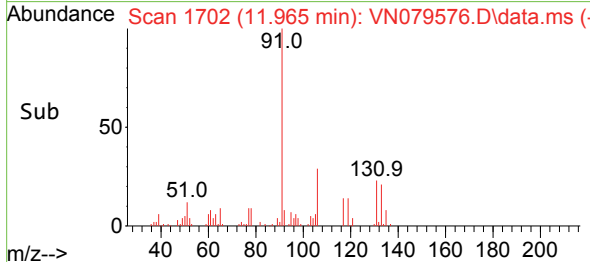
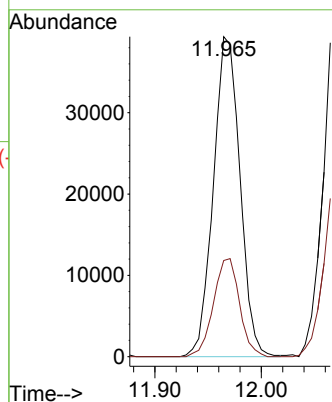
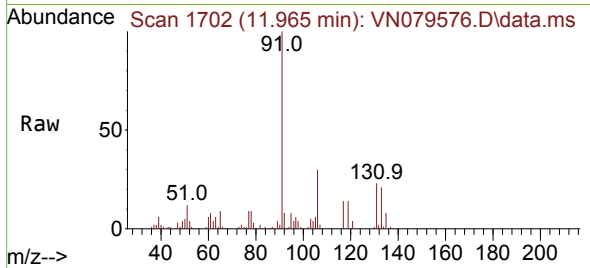




#66
Ethyl Benzene
Concen: 4.782 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

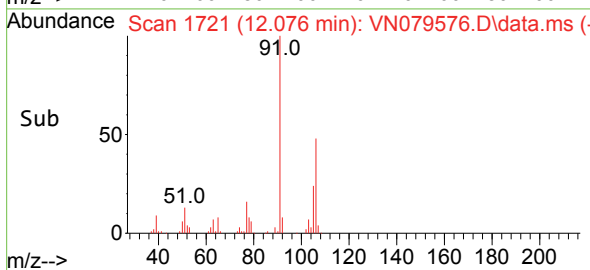
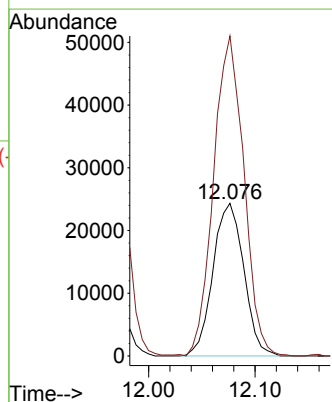
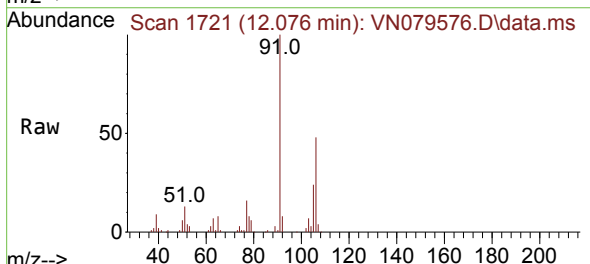
Instrument :
MSVOA_N
ClientSampleId :

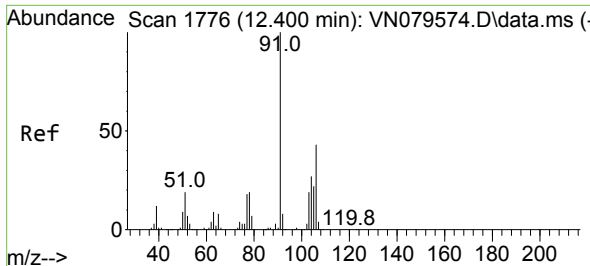
Tgt Ion: 91 Resp: 68310
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#67
m/p-Xylenes
Concen: 9.264 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 106 Resp: 48947
Ion Ratio Lower Upper
106 100
91 206.1 161.8 242.6

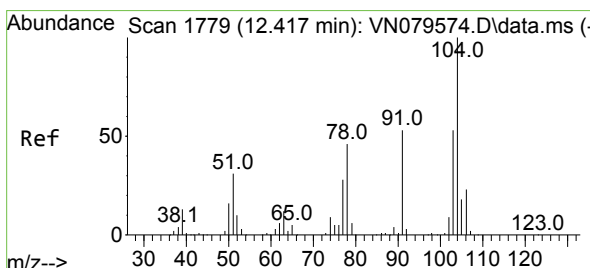
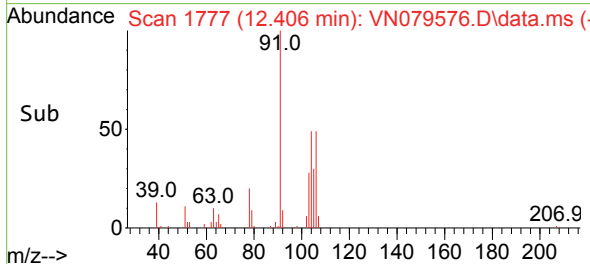
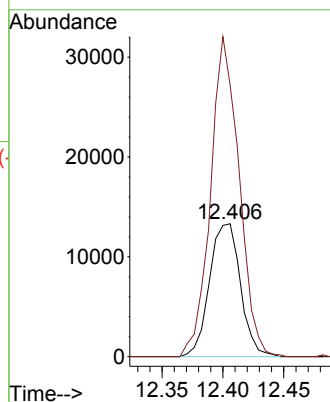
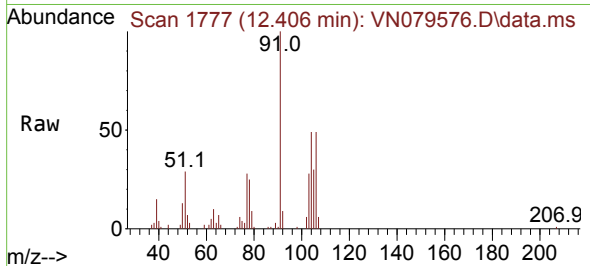




#68
o-Xylene
Concen: 4.663 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

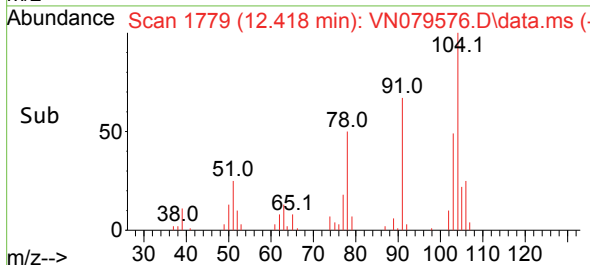
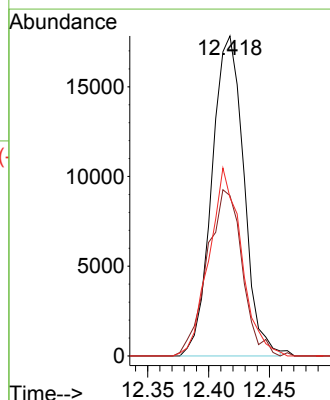
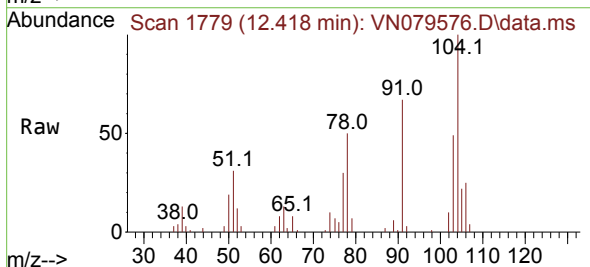
Instrument :
MSVOA_N
ClientSampleId :

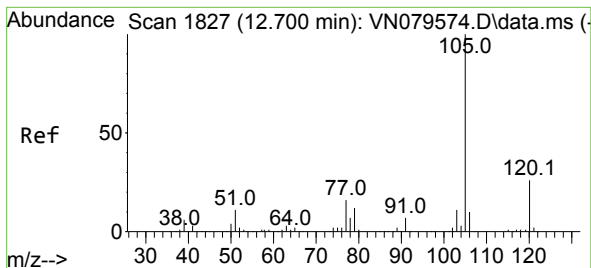
Tgt Ion:106 Resp: 23555
Ion Ratio Lower Upper
106 100
91 222.3 109.9 329.7



#69
Styrene
Concen: 4.058 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:104 Resp: 32538
Ion Ratio Lower Upper
104 100
78 57.1 41.2 61.8
103 59.7 43.1 64.7





#70

Isopropylbenzene

Concen: 4.500 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

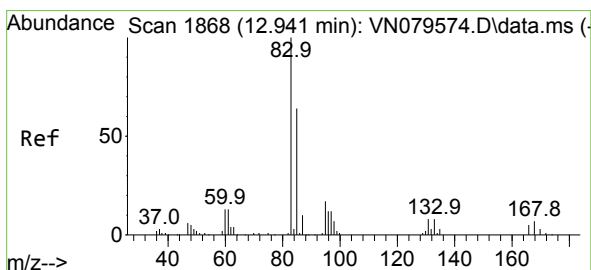
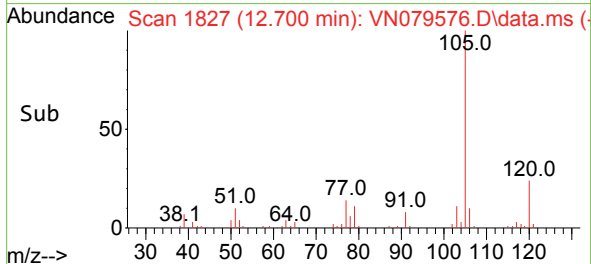
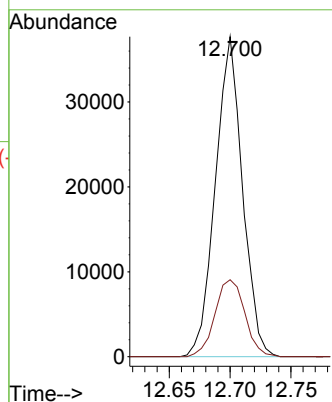
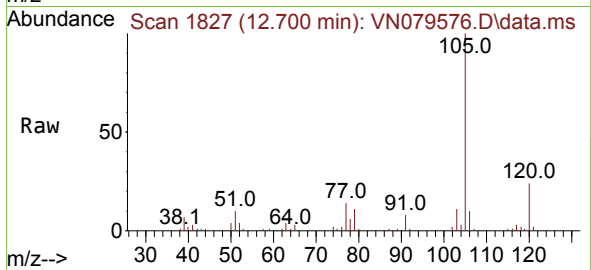
ClientSampleId :

Tgt Ion:105 Resp: 58328

Ion Ratio Lower Upper

105 100

120 26.5 18.1 33.5



#71

1,1,2,2-Tetrachloroethane

Concen: 5.383 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

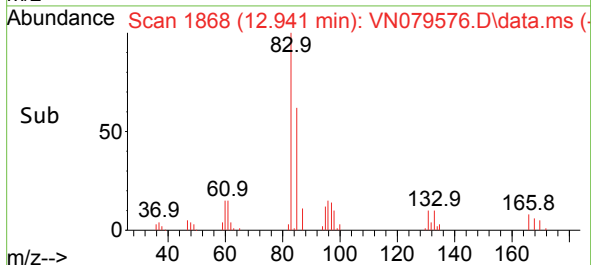
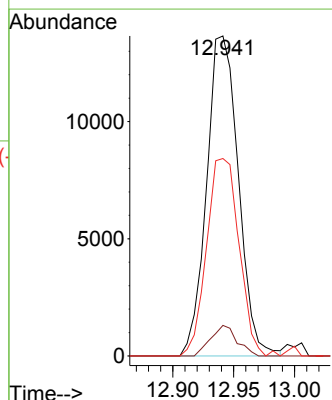
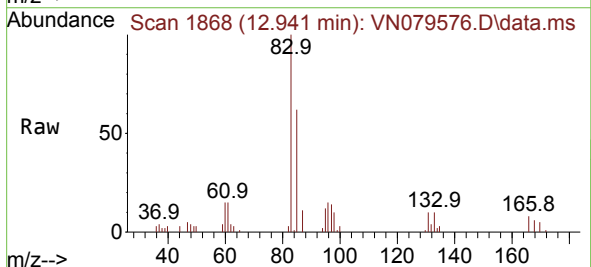
Tgt Ion: 83 Resp: 24813

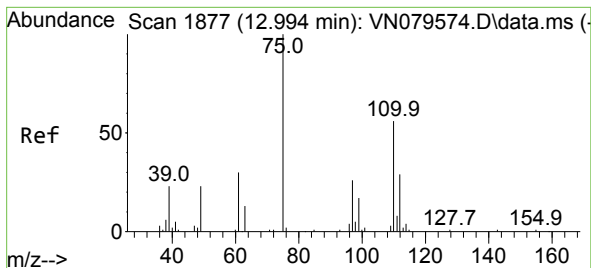
Ion Ratio Lower Upper

83 100

131 7.9 4.5 13.4

85 62.6 32.1 96.3





#72

1,2,3-Trichloropropane

Concen: 6.234 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

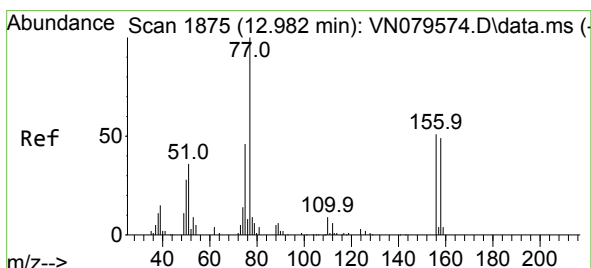
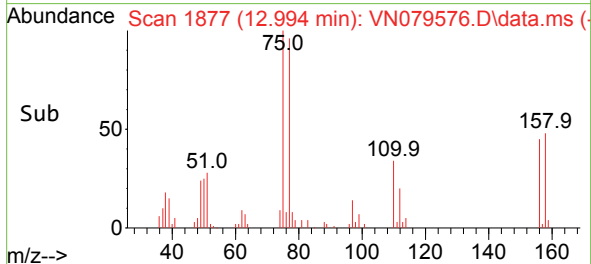
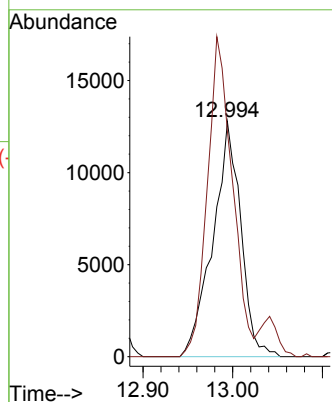
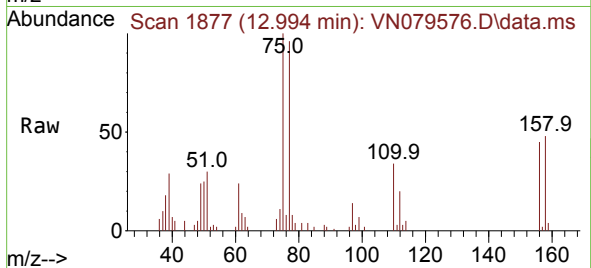
ClientSampleId :

Tgt Ion: 75 Resp: 27686

Ion Ratio Lower Upper

75 100

77 121.8 0.0 338.2



#73

Bromobenzene

Concen: 4.791 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

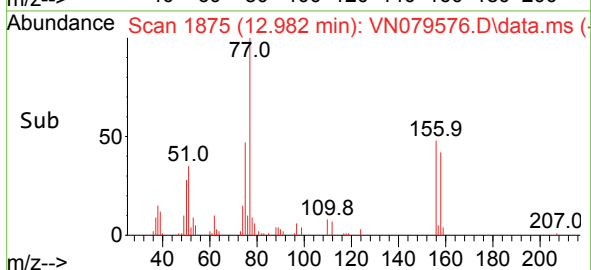
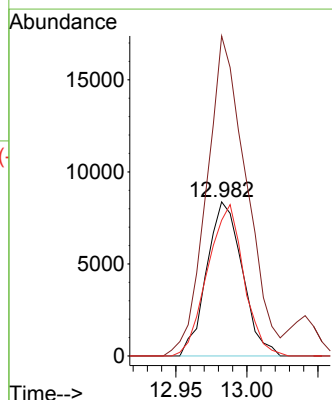
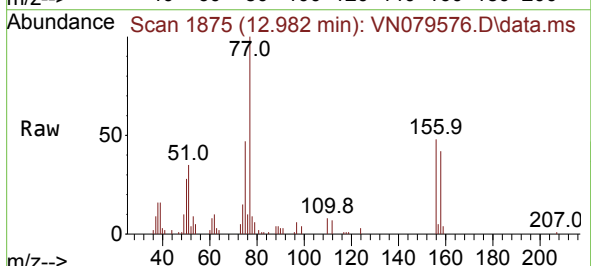
Tgt Ion:156 Resp: 14589

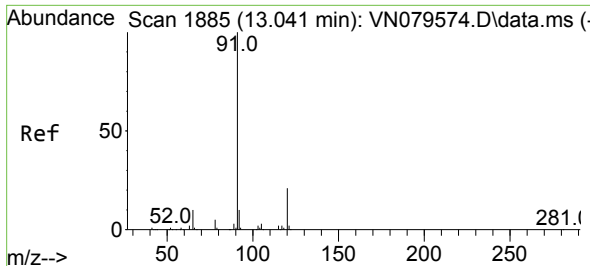
Ion Ratio Lower Upper

156 100

77 231.2 0.0 448.2

158 99.8 0.0 194.8

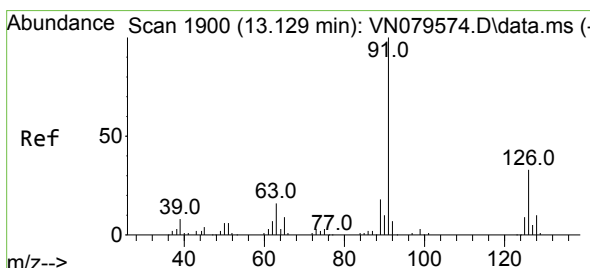
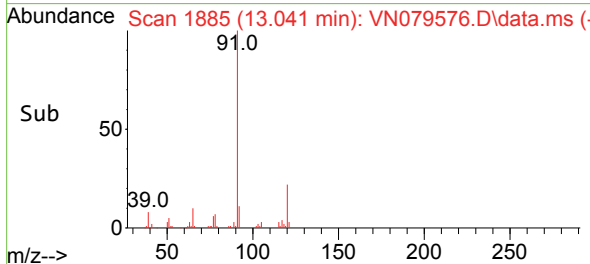
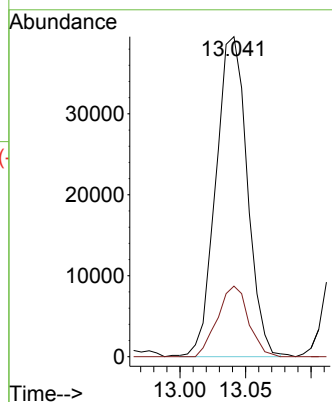
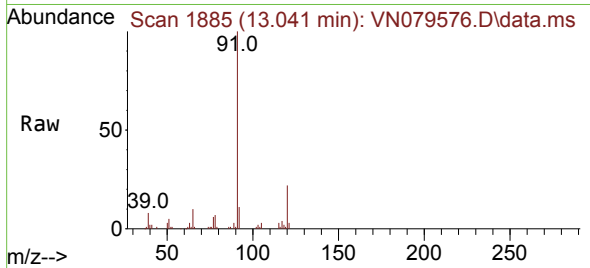




#74
n-propylbenzene
Concen: 4.365 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

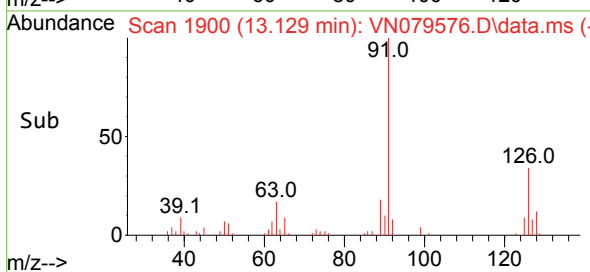
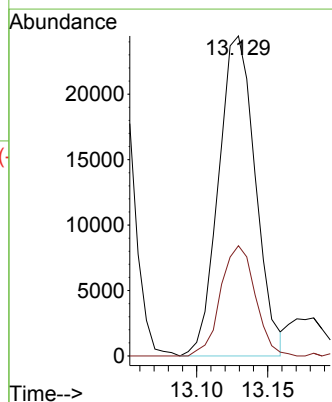
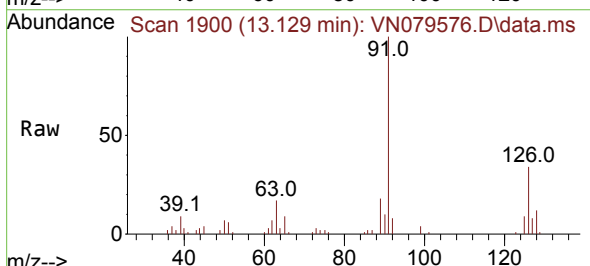
Instrument :
MSVOA_N
ClientSampleId :

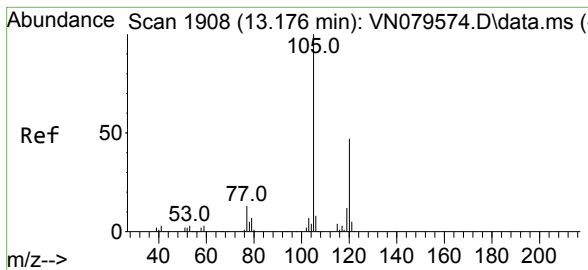
Tgt Ion: 91 Resp: 65875
Ion Ratio Lower Upper
91 100
120 21.6 0.0 42.0



#75
2-Chlorotoluene
Concen: 4.710 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 91 Resp: 44193
Ion Ratio Lower Upper
91 100
126 32.3 0.0 64.6

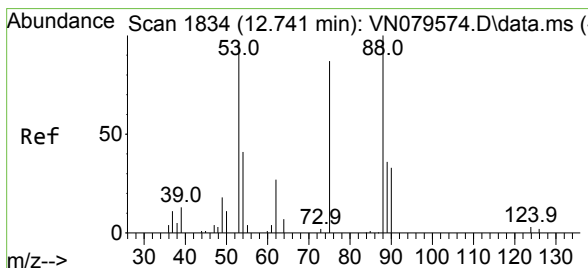
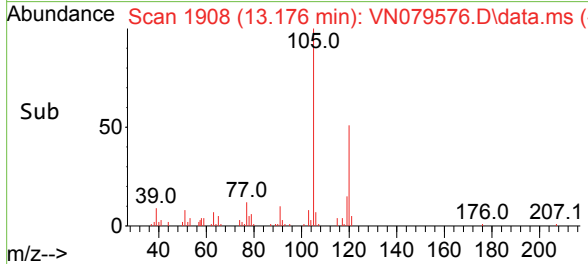
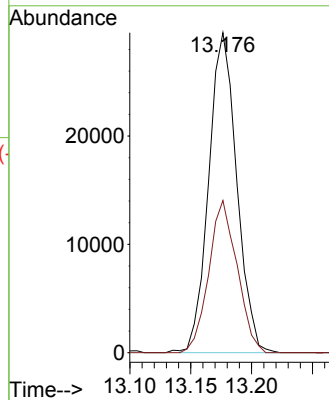
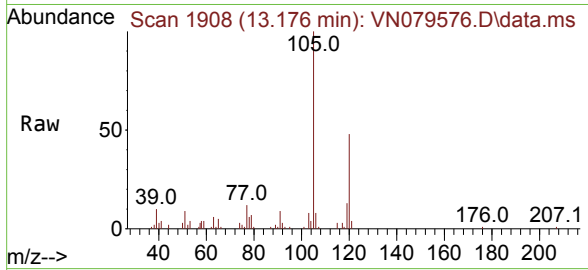




#76
1,3,5-Trimethylbenzene
Concen: 4.454 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

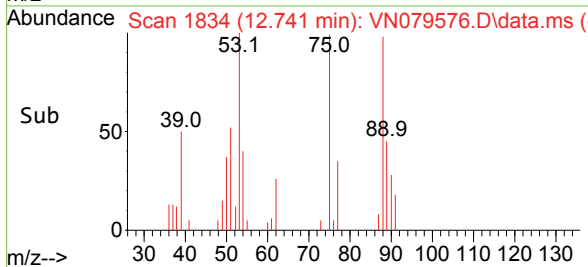
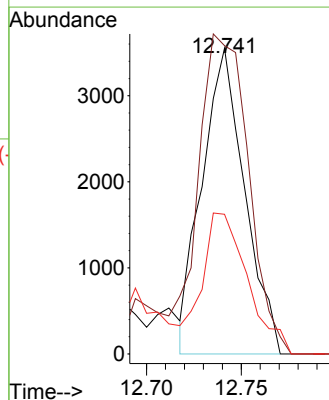
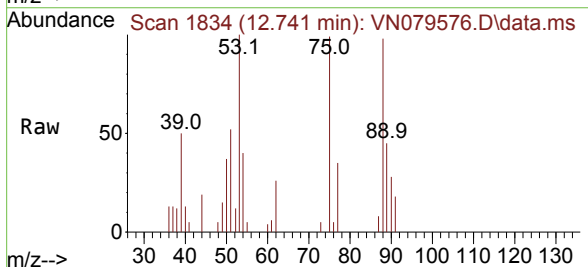
Instrument :
MSVOA_N
ClientSampleId :

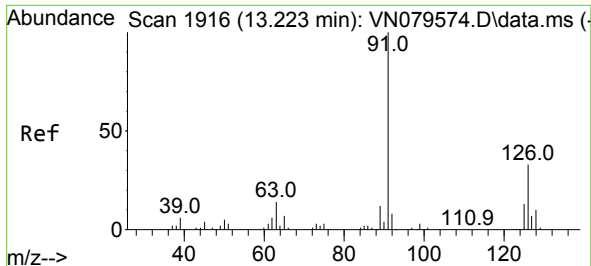
Tgt Ion:105 Resp: 47202
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.2



#77
t-1,4-Dichloro-2-butene
Concen: 4.352 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 75 Resp: 5560
Ion Ratio Lower Upper
75 100
53 95.2 53.0 159.1
89 37.7 22.6 67.7

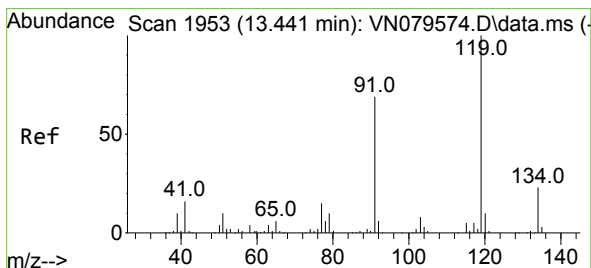
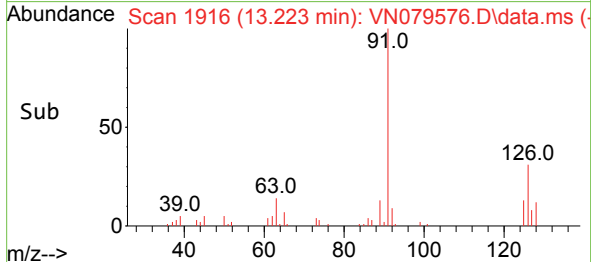
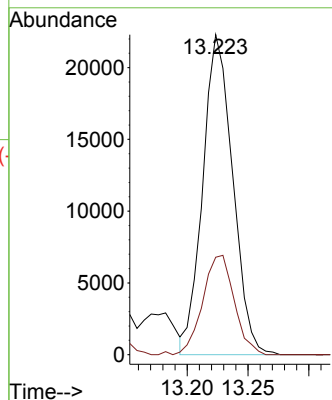
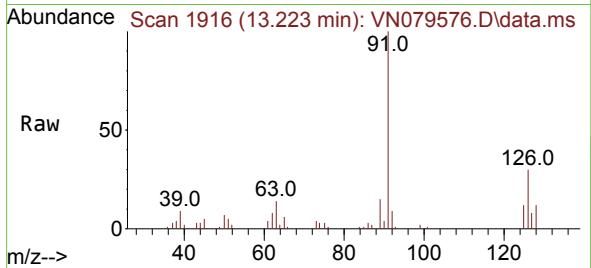




#78
4-Chlorotoluene
Concen: 4.305 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

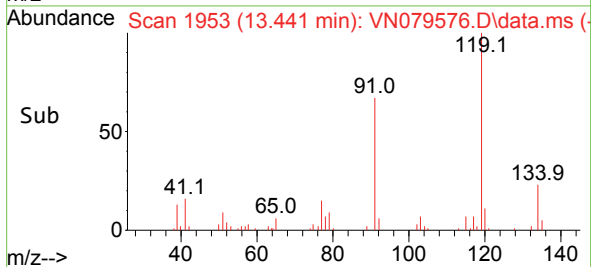
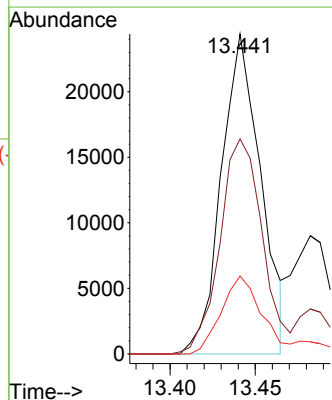
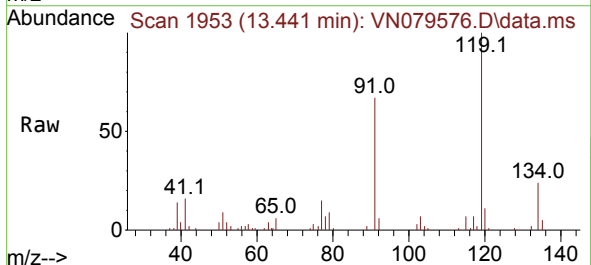
Instrument :
MSVOA_N
ClientSampleId :

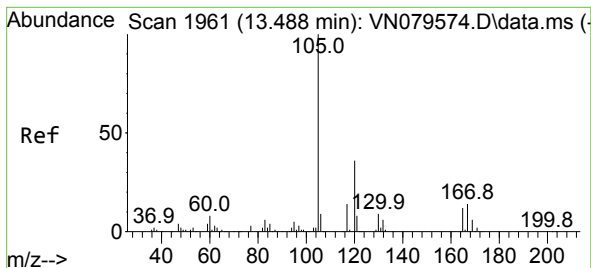
Tgt Ion: 91 Resp: 38165
Ion Ratio Lower Upper
91 100
126 32.6 0.0 65.4



#79
tert-butylbenzene
Concen: 4.602 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion: 119 Resp: 39210
Ion Ratio Lower Upper
119 100
91 72.6 0.0 140.6
134 24.9 0.0 49.8





#80

1,2,4-Trimethylbenzene

Concen: 4.165 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

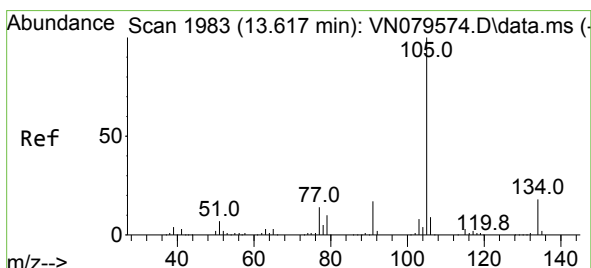
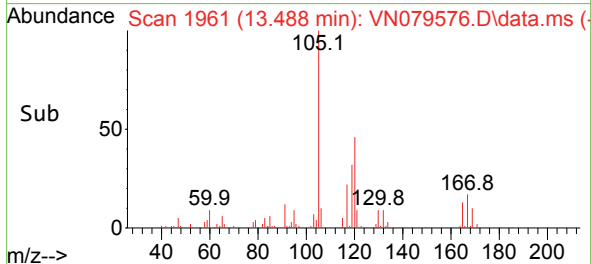
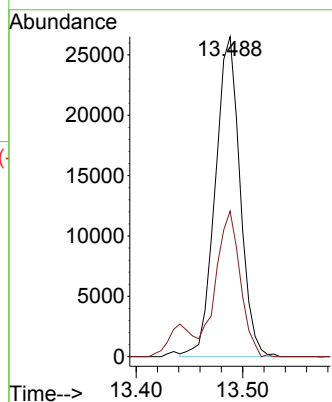
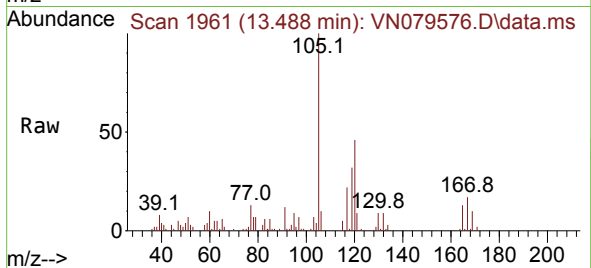
ClientSampleId :

Tgt Ion:105 Resp: 42762

Ion Ratio Lower Upper

105 100

120 44.2 0.0 88.6



#81

sec-Butylbenzene

Concen: 4.479 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079576.D

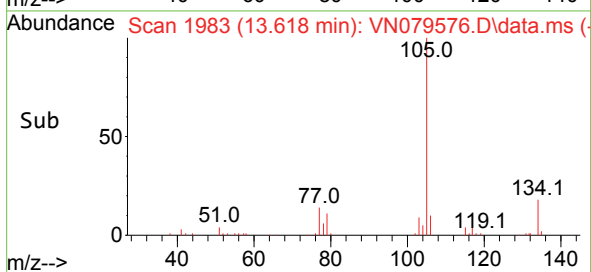
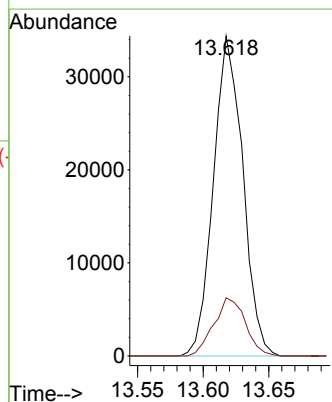
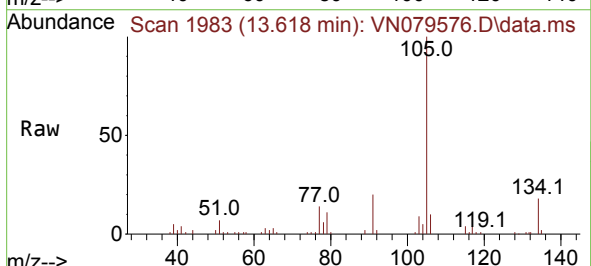
Acq: 17 Oct 2023 12:09

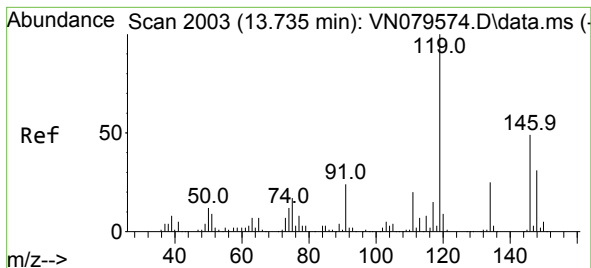
Tgt Ion:105 Resp: 53572

Ion Ratio Lower Upper

105 100

134 19.5 0.0 38.2





#82

p-Isopropyltoluene

Concen: 4.072 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :

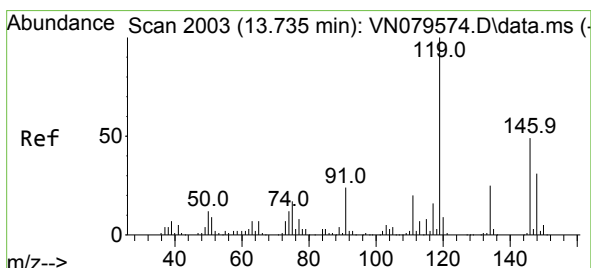
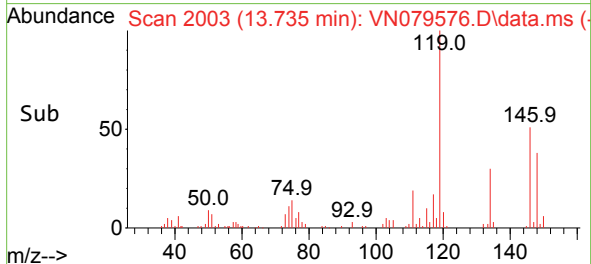
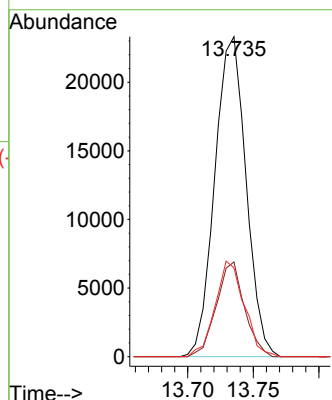
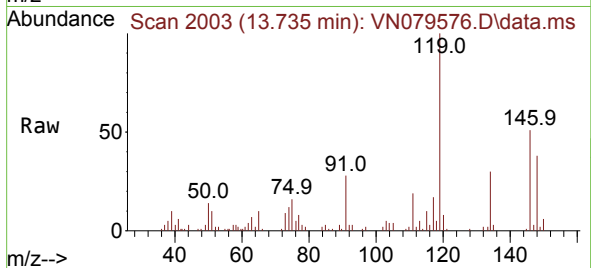
Tgt Ion:119 Resp: 38635

Ion Ratio Lower Upper

119 100

134 26.6 0.0 52.2

91 27.7 0.0 50.0



#83

1,3-Dichlorobenzene

Concen: 4.105 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

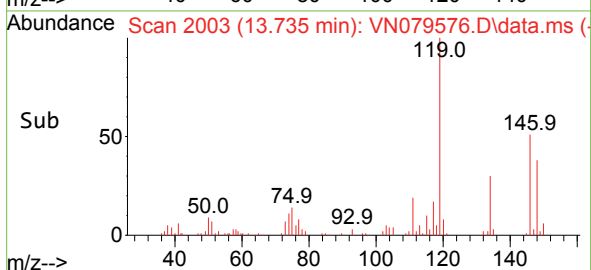
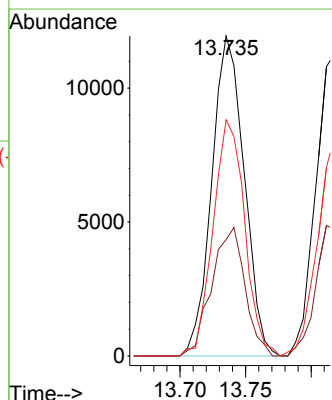
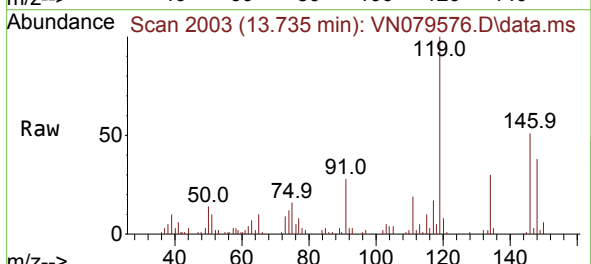
Tgt Ion:146 Resp: 20557

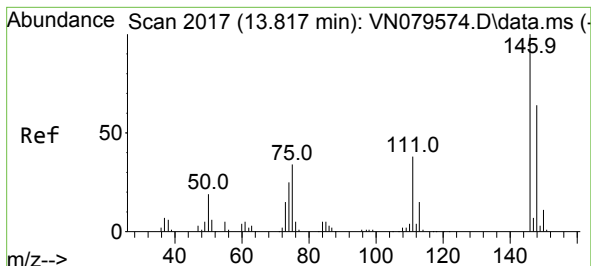
Ion Ratio Lower Upper

146 100

111 41.2 21.0 63.0

148 71.8 32.4 97.0





#84

1,4-Dichlorobenzene

Concen: 4.137 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

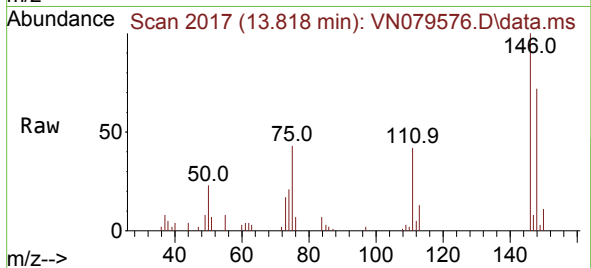
Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :



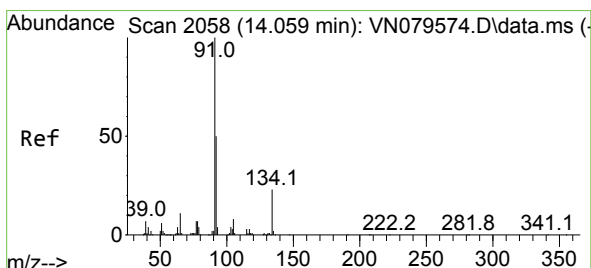
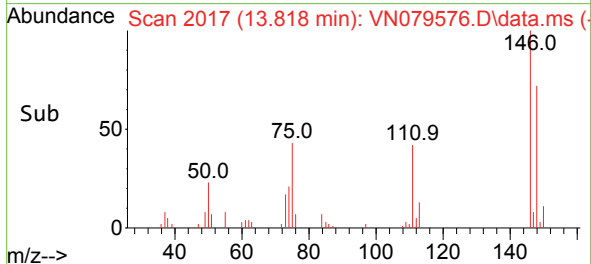
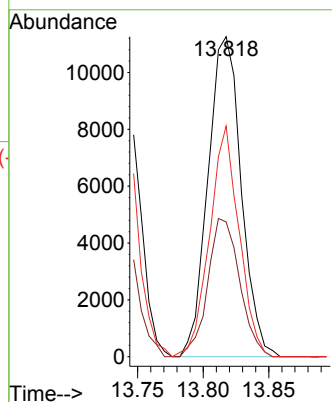
Tgt Ion:146 Resp: 19861

Ion Ratio Lower Upper

146 100

111 41.5 19.9 59.7

148 63.8 32.6 97.7



#85

n-Butylbenzene

Concen: 3.702 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

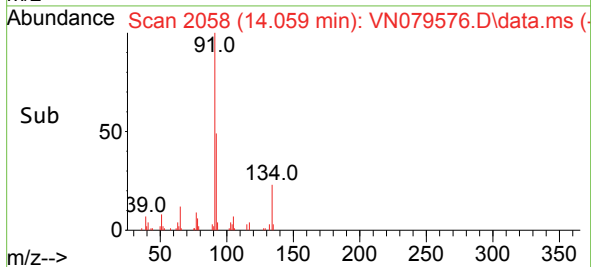
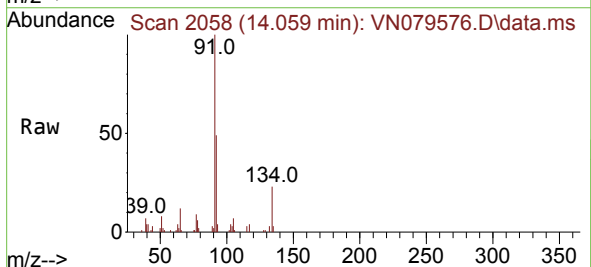
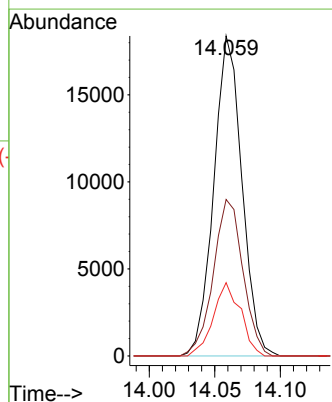
Tgt Ion: 91 Resp: 27443

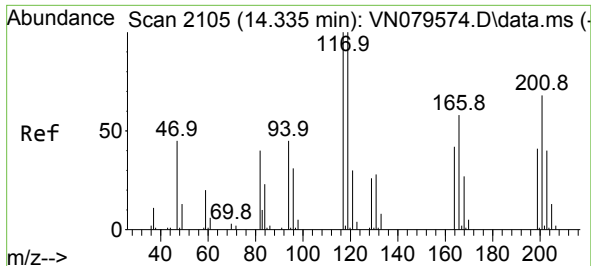
Ion Ratio Lower Upper

91 100

92 51.5 0.0 99.6

134 22.2 0.0 46.2

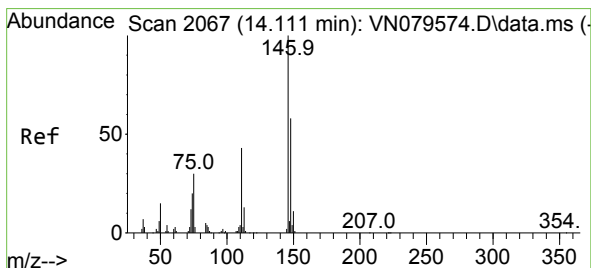
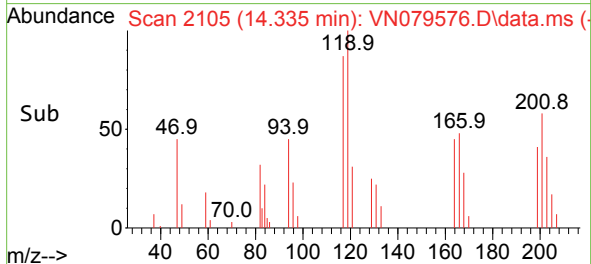
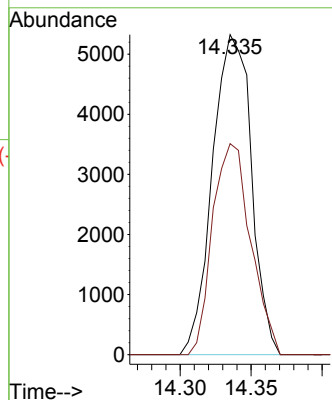
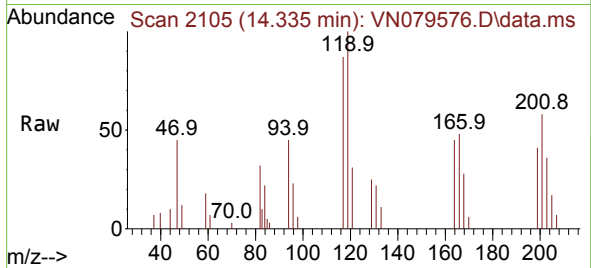




#86
Hexachloroethane
Concen: 4.951 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

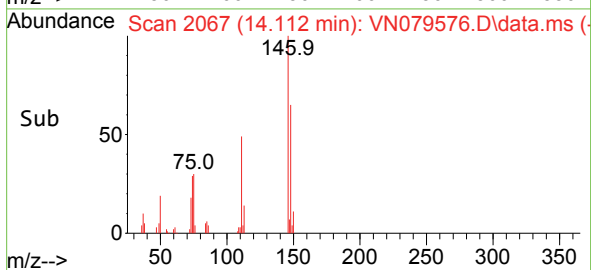
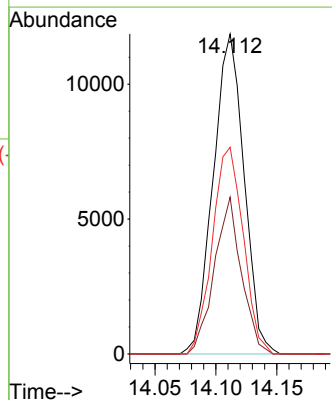
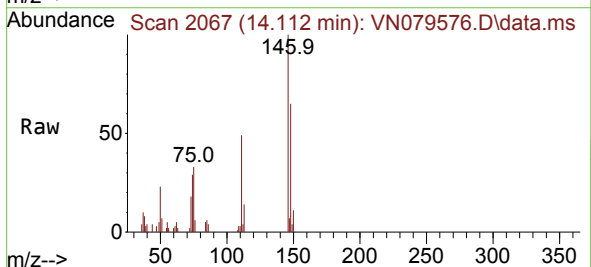
Instrument :
MSVOA_N
ClientSampleId :

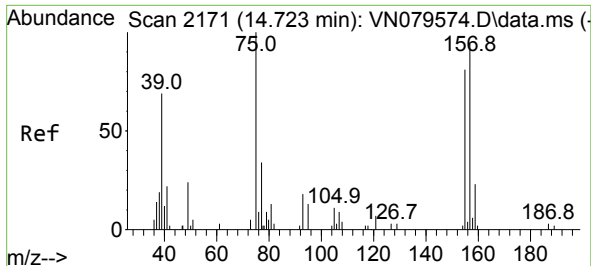
Tgt Ion:117 Resp: 10155
Ion Ratio Lower Upper
117 100
201 64.6 32.5 97.5



#87
1,2-Dichlorobenzene
Concen: 4.195 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

Tgt Ion:146 Resp: 20881
Ion Ratio Lower Upper
146 100
111 43.1 22.0 66.0
148 64.6 31.1 93.5





#88

1,2-Dibromo-3-Chloropropane

Concen: 4.659 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

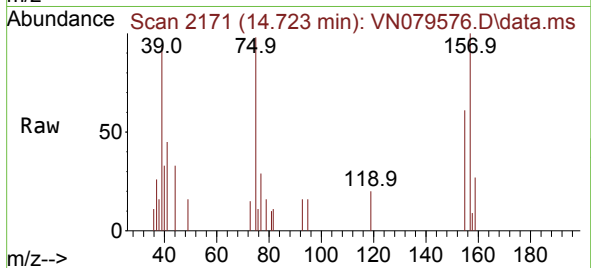
Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

Instrument :

MSVOA_N

ClientSampleId :



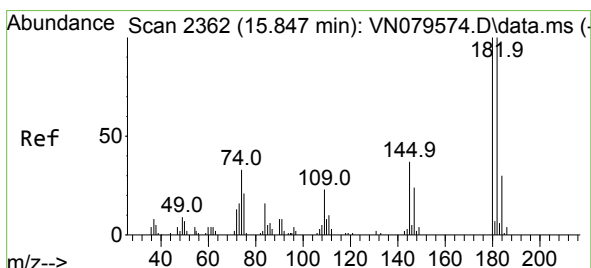
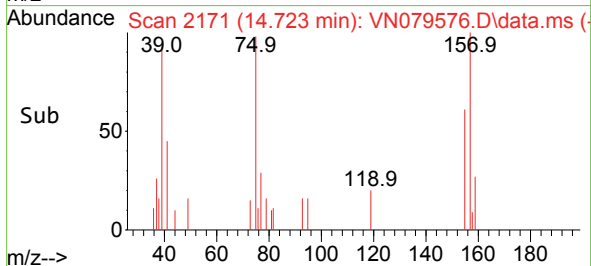
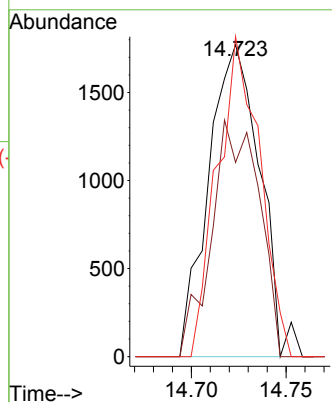
Tgt Ion: 75 Resp: 3272

Ion Ratio Lower Upper

75 100

155 71.7 60.7 91.1

157 86.6 76.8 115.2



#89

1,2,4-Trichlorobenzene

Concen: 3.393 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN079576.D

Acq: 17 Oct 2023 12:09

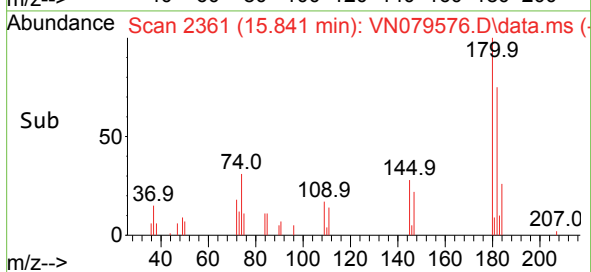
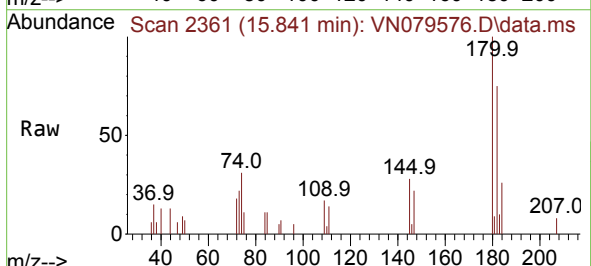
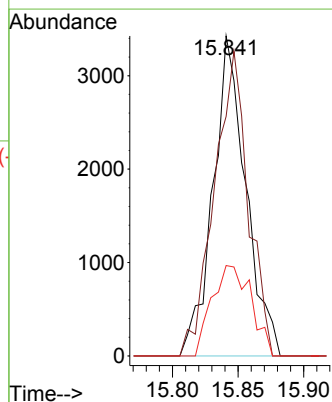
Tgt Ion: 180 Resp: 5952

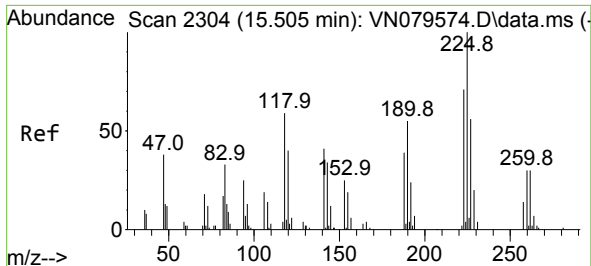
Ion Ratio Lower Upper

180 100

182 98.2 74.2 111.4

145 33.7 25.4 38.2

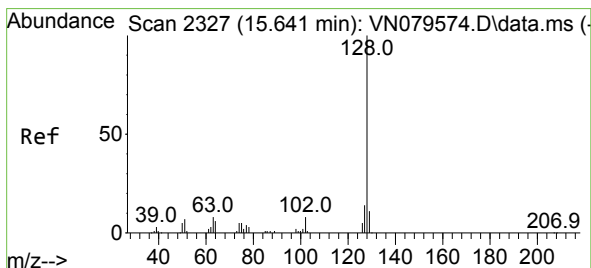
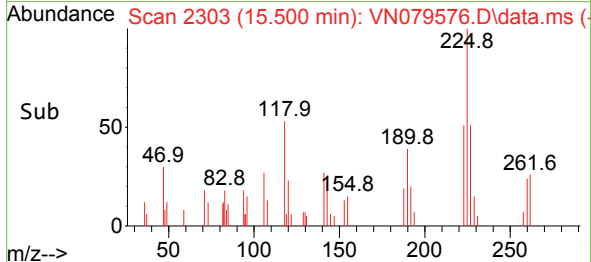
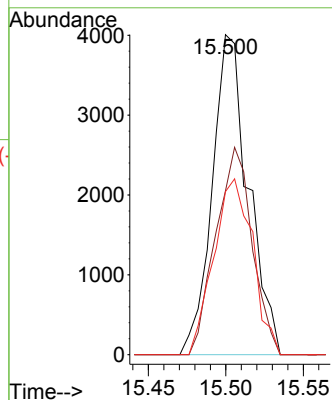
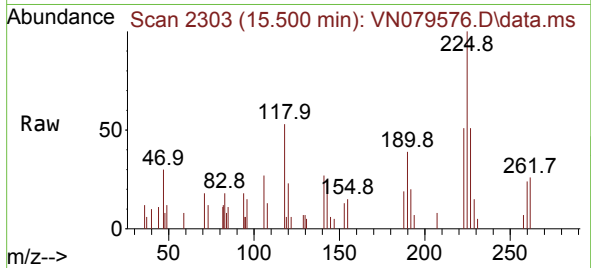




#90
Hexachlorobutadiene
Concen: 5.232 ug/l
RT: 15.500 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

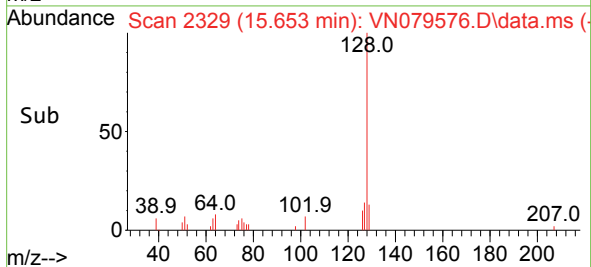
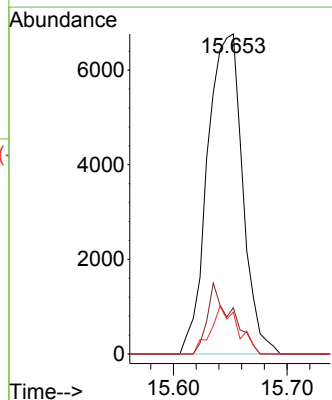
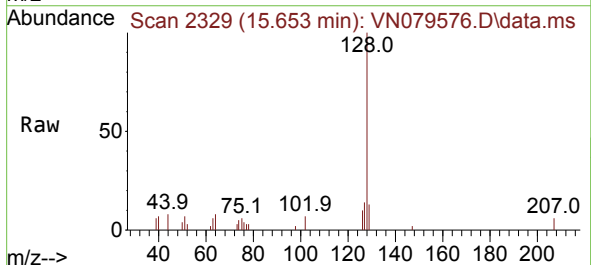
Instrument :
MSVOA_N
ClientSampleId :

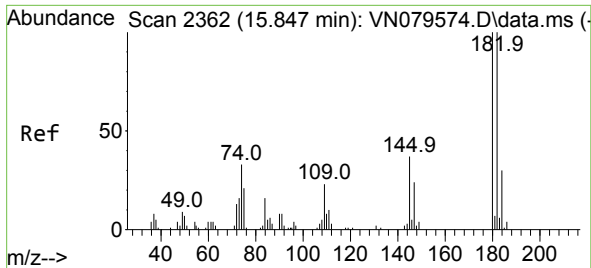
Tgt Ion:225 Resp: 6501
Ion Ratio Lower Upper
225 100
223 65.3 0.0 126.0
227 59.2 0.0 127.0



#91
Naphthalene
Concen: 3.205 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.012 min
Lab File: VN079576.D
Acq: 17 Oct 2023 12:09

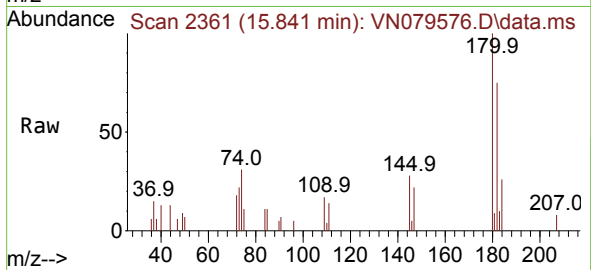
Tgt Ion:128 Resp: 14502
Ion Ratio Lower Upper
128 100
127 10.3 10.9 16.3#
129 11.7 8.6 12.8





#92
 1,2,3-Trichlorobenzene
 Concen: 3.393 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079576.D
 Acq: 17 Oct 2023 12:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	5952
Ion Ratio	Lower	Upper	
180	100		
182	98.2	0.0	185.6
145	33.7	0.0	63.6

