

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079990.D
 Acq On : 08 Nov 2023 13:57
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 03:46:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 08 15:03:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	76260	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	433027	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	385808	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	196984	30.772	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.567%	
60) 4-Bromofluorobenzene	12.853	95	177683	28.799	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.000%	
63) Toluene-d8	10.571	98	548105	29.983	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.933%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	49451	9.945	ug/l	100
3) Chloromethane	2.360	50	63059	10.067	ug/l	97
4) Vinyl Chloride	2.513	62	61529	11.754	ug/l	94
5) Bromomethane	2.966	94	29921	10.440	ug/l	97
6) Chloroethane	3.118	64	30640	10.046	ug/l	94
7) Trichlorofluoromethane	3.495	101	80318	10.224	ug/l	97
8) Diethyl Ether	3.960	74	27132	9.621	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	46081	10.383	ug/l	99
10) 1,1-Dichloroethene	4.342	96	27558	7.019	ug/l	94
11) Methyl Iodide	4.589	142	48694	9.376	ug/l	95
12) Methyl Acetate	5.024	43	101609	9.982	ug/l	97
13) Acrolein	4.183	56	42981	49.975	ug/l	97
14) Acrylonitrile	5.724	53	120823	49.972	ug/l	97
15) Acetone	4.430	58	38037	46.592	ug/l	90
16) Carbon Disulfide	4.712	76	129943	9.692	ug/l	100
17) Allyl chloride	5.024	41	65597	9.561	ug/l	96
18) Methylene Chloride	5.277	84	53039	10.073	ug/l	92
19) trans-1,2-Dichloroethene	5.789	96	47369	9.733	ug/l	95
20) Diisopropyl ether	6.677	45	151673	9.460	ug/l	95
21) 1,1-Dichloroethane	6.571	63	93397	9.759	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	54122	9.583	ug/l	97
23) tert-Butyl Alcohol	5.530	59	31571	51.461	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	136824	9.464	ug/l	99
25) Chloroform	7.965	83	97686	9.888	ug/l	92
26) Cyclohexane	8.259	56	72552	9.637	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	68442	9.209	ug/l	99
30) 2-Butanone	7.489	43	165729	46.694	ug/l	99
31) 2,2-Dichloropropane	7.495	77	74854	9.319	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	80299	9.464	ug/l	97
33) Carbon Tetrachloride	8.365	117	70201	9.414	ug/l	99
34) Benzene	8.606	78	207047	9.378	ug/l	98
35) Methacrylonitrile	7.777	41	35861	9.637	ug/l	91
36) 1,2-Dichloroethane	8.677	62	76307	9.550	ug/l	99
37) Trichloroethene	9.359	130	50168	9.449	ug/l	99
38) Methylcyclohexane	9.606	83	61867	8.866	ug/l	98
39) 1,2-Dichloropropane	9.624	63	55171	9.442	ug/l	99
40) Dibromomethane	9.706	93	36896	9.768	ug/l	98
41) Bromodichloromethane	9.889	83	75087	9.598	ug/l	97
42) Vinyl Acetate	6.606	43	399949	45.366	ug/l	99

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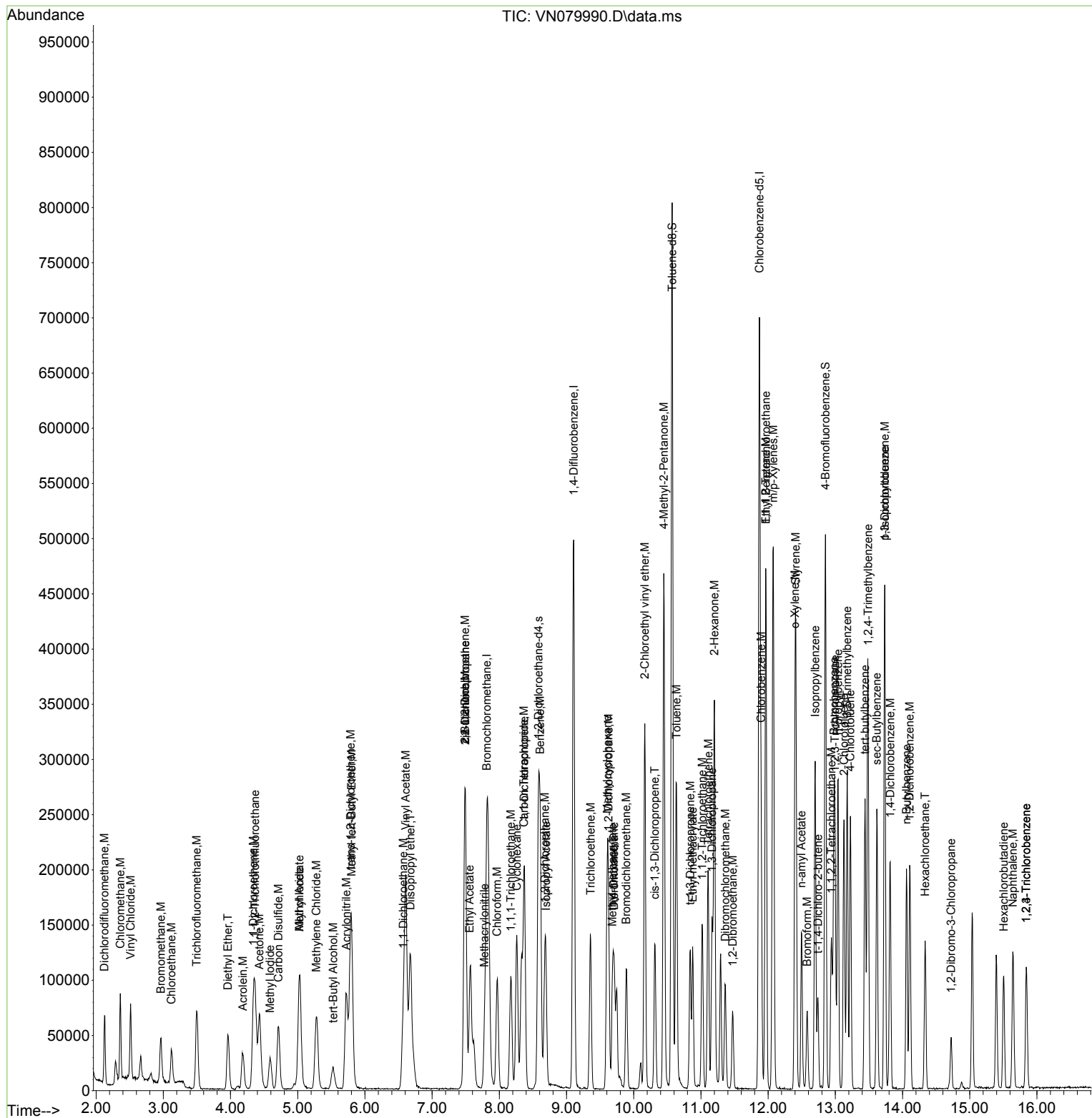
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	56499	8.474	ug/l	98
44) Isopropyl Acetate	8.695	43	102476	9.433	ug/l	98
45) 1,4-Dioxane	9.700	88	16014	191.272	ug/l #	95
46) Methyl methacrylate	9.683	41	47197	9.037	ug/l	89
47) n-amyl Acetate	12.494	43	75627	8.666	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	71919	9.002	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	82662	9.359	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	48192	9.353	ug/l	93
51) Ethyl methacrylate	10.877	69	65039	8.782	ug/l	97
52) 1,3-Dichloropropane	11.165	76	88550	9.613	ug/l	100
53) Dibromochloromethane	11.365	129	51622	9.365	ug/l	100
54) 1,2-Dibromoethane	11.471	107	48248	9.326	ug/l	97
55) 2-Chloroethyl vinyl ether	10.165	63	149773	43.972	ug/l	97
56) Bromoform	12.583	173	33354	9.234	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	314820	48.843	ug/l	98
59) 2-Hexanone	11.200	43	228550	46.548	ug/l	99
61) Tetrachloroethene	11.112	164	44670	9.876	ug/l	96
62) Toluene	10.636	91	213796	9.581	ug/l	98
64) Chlorobenzene	11.894	112	127923	9.607	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	47141	9.651	ug/l	97
66) Ethyl Benzene	11.965	91	214742	9.158	ug/l	99
67) m/p-Xylenes	12.077	106	160841	18.425	ug/l	94
68) o-Xylene	12.400	106	76463	9.138	ug/l	98
69) Styrene	12.412	104	121948	8.804	ug/l	98
70) Isopropylbenzene	12.700	105	189698	9.089	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	68592	9.649	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	87323	9.589	ug/l	71
73) Bromobenzene	12.983	156	48275	9.408	ug/l	95
74) n-propylbenzene	13.041	91	220989	8.851	ug/l	98
75) 2-Chlorotoluene	13.130	91	145896	9.193	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	154525	8.951	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	19141	8.850	ug/l	94
78) 4-Chlorotoluene	13.224	91	146199	9.275	ug/l	98
79) tert-butylbenzene	13.441	119	120924	8.944	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	150782	8.907	ug/l	99
81) sec-Butylbenzene	13.618	105	170373	8.927	ug/l	98
82) p-Isopropyltoluene	13.735	119	133811	8.634	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	87218	9.328	ug/l	99
84) 1,4-Dichlorobenzene	13.818	146	86775	9.455	ug/l	96
85) n-Butylbenzene	14.059	91	108865	8.398	ug/l	98
86) Hexachloroethane	14.335	117	28416	9.429	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	81448	9.118	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.724	75	12288	9.452	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	38505	9.305	ug/l	98
90) Hexachlorobutadiene	15.506	225	19883	9.749	ug/l	96
91) Naphthalene	15.641	128	115119	8.668	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	38505	9.305	ug/l	98

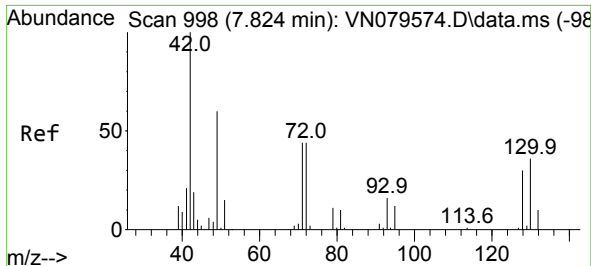
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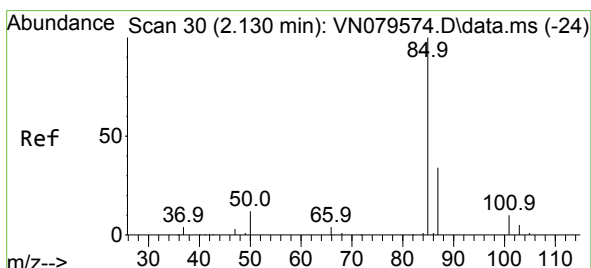
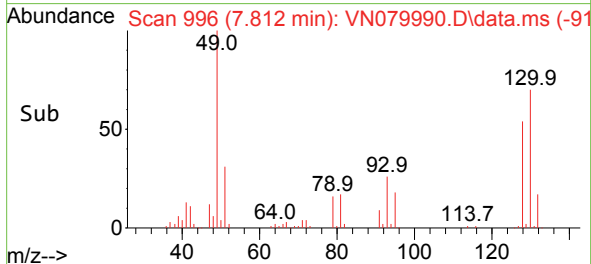
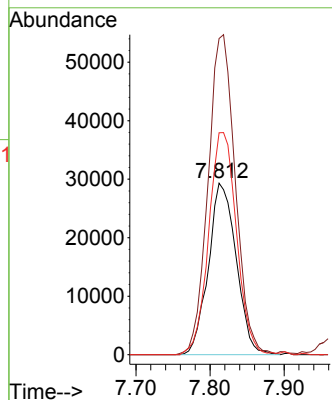
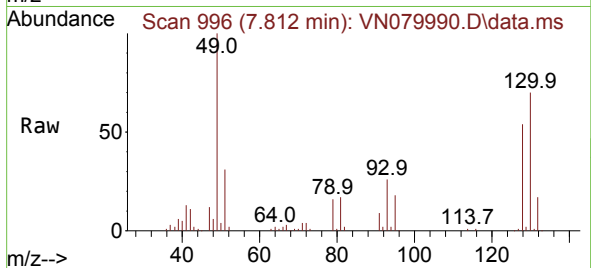




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079990.D
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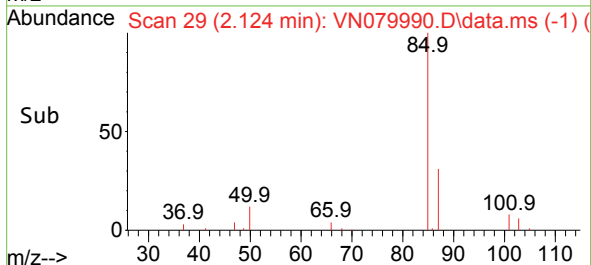
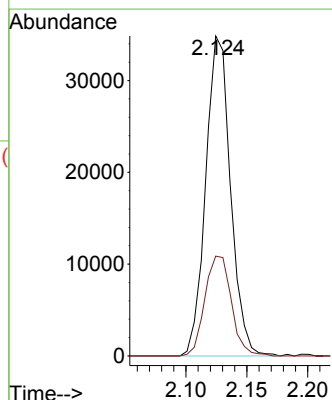
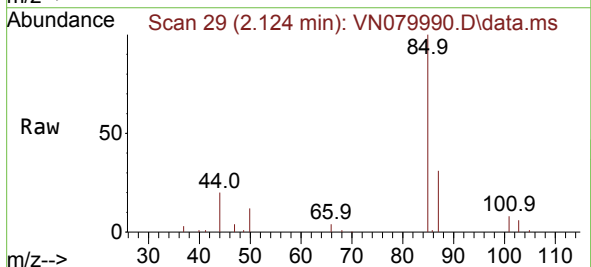
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MSVOA_N
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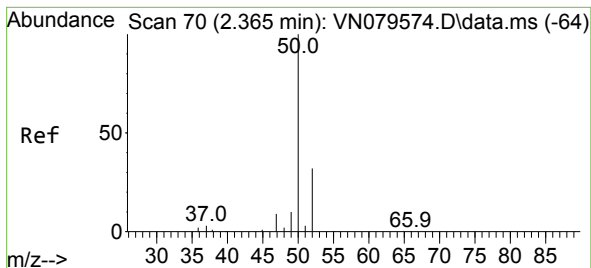
Tgt Ion:128 Resp: 76260
Ion Ratio Lower Upper
128 100
49 183.2 0.0 468.5
130 130.0 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 9.945 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 85 Resp: 49451
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.7





#3

Chloromethane

Concen: 10.067 ug/l

RT: 2.360 min Scan# 61

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

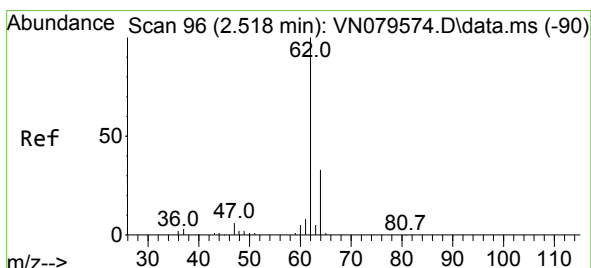
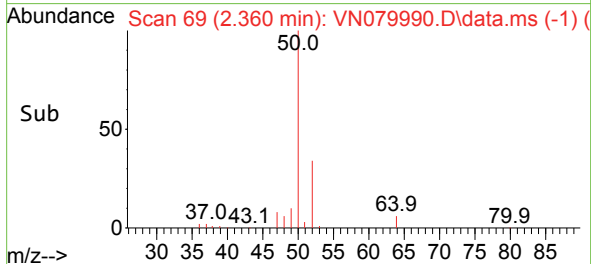
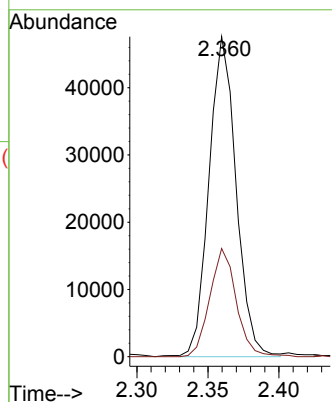
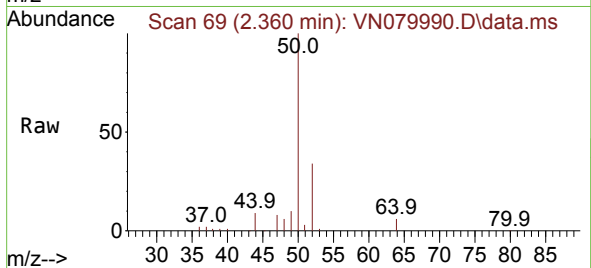
ClientSampleId :

Tgt Ion: 50 Resp: 63059

Ion Ratio Lower Upper

50 100

52 33.9 25.6 38.4



#4

Vinyl Chloride

Concen: 11.754 ug/l

RT: 2.513 min Scan# 95

Delta R.T. -0.005 min

Lab File: VN079990.D

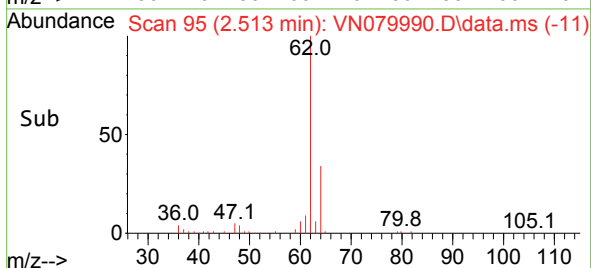
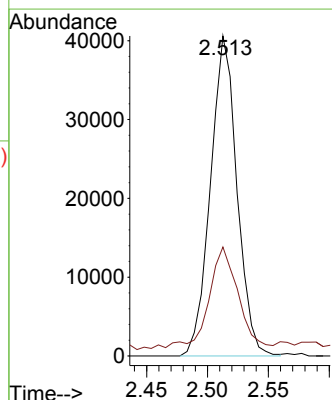
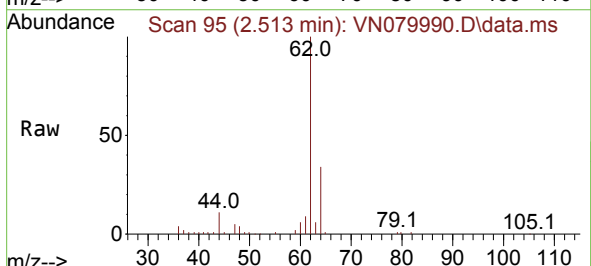
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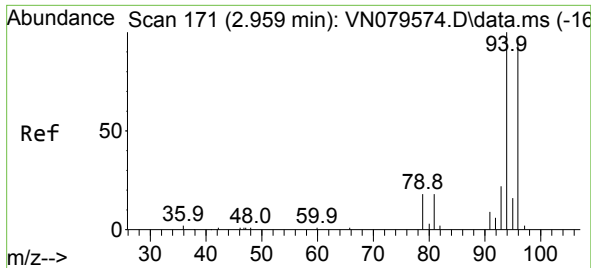
Tgt Ion: 62 Resp: 61529

Ion Ratio Lower Upper

62 100

64 29.6 26.4 39.6

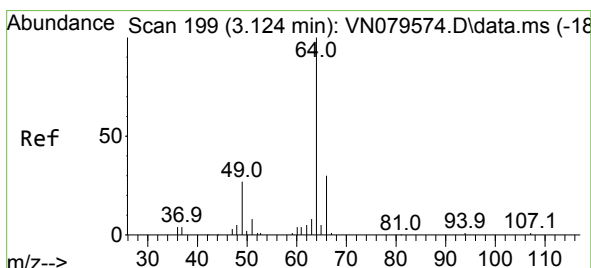
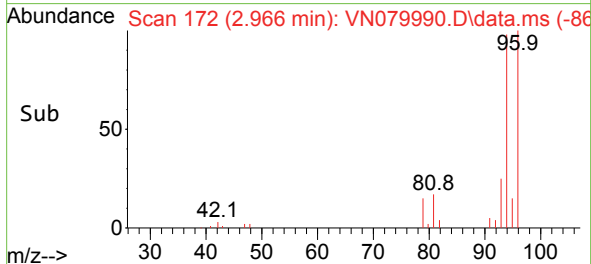
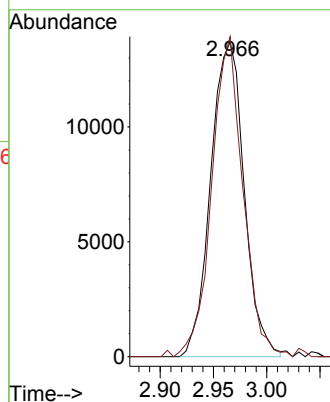
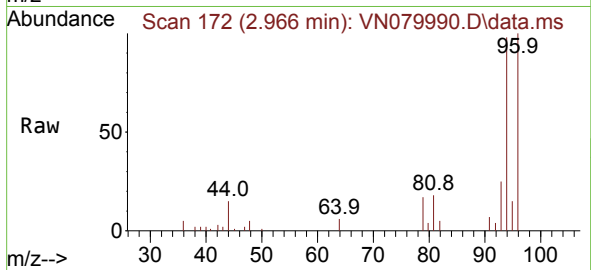




#5
Bromomethane
Concen: 10.440 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079990.D
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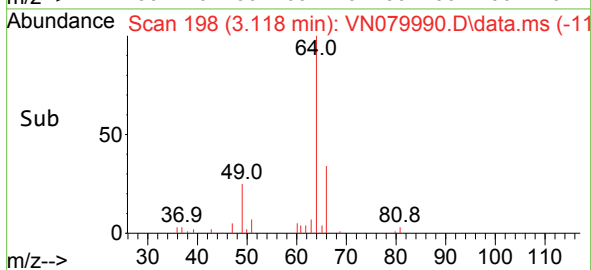
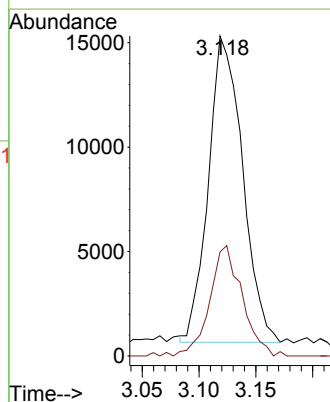
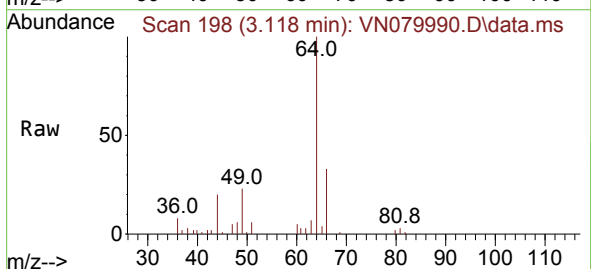
Instrument :
MSVOA_N
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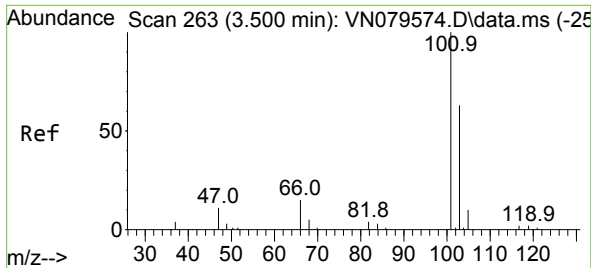
Tgt Ion: 94 Resp: 29921
Ion Ratio Lower Upper
94 100
96 100.3 77.8 116.6



#6
Chloroethane
Concen: 10.046 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 64 Resp: 30640
Ion Ratio Lower Upper
64 100
66 32.5 23.3 34.9

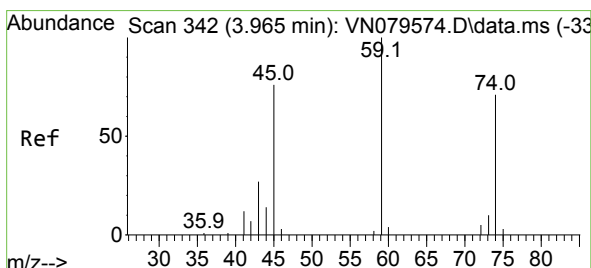
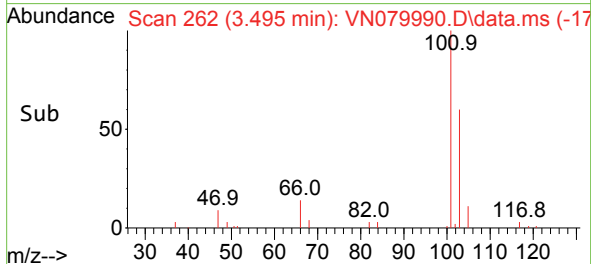
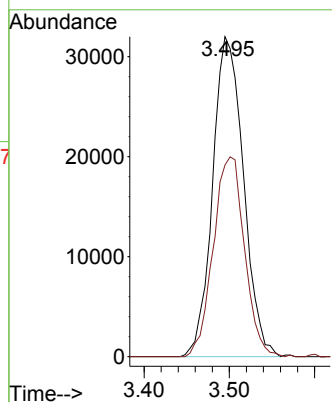
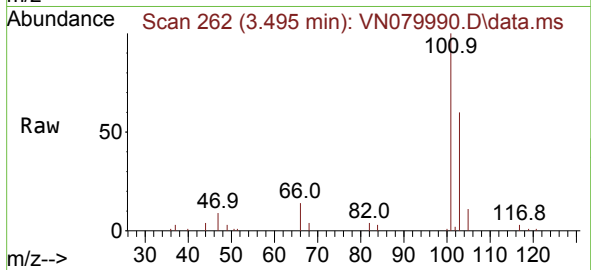




#7
 Trichlorofluoromethane
 Concen: 10.224 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.005 min
 Lab File: VN079990.D
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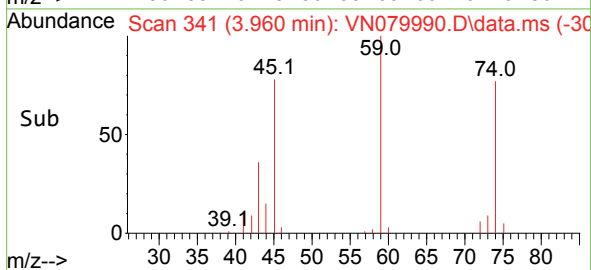
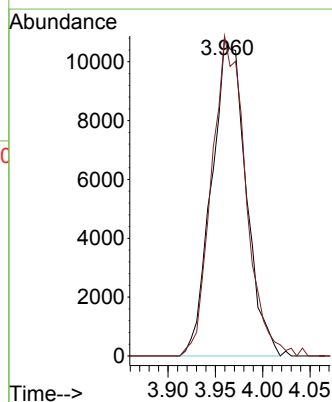
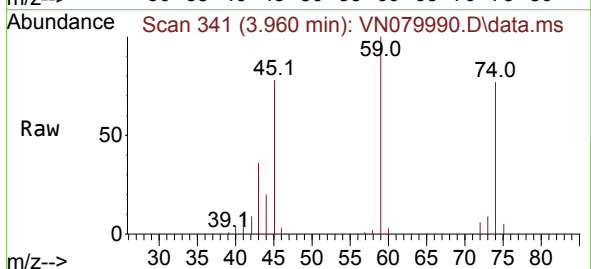
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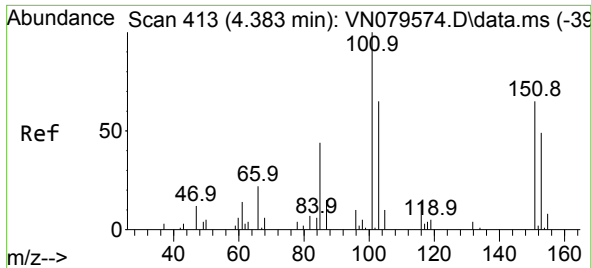
Tgt Ion:101 Resp: 80318
 Ion Ratio Lower Upper
 101 100
 103 59.9 49.9 74.9



#8
 Diethyl Ether
 Concen: 9.621 ug/l
 RT: 3.960 min Scan# 341
 Delta R.T. -0.005 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

Tgt Ion: 74 Resp: 27132
 Ion Ratio Lower Upper
 74 100
 45 100.1 19.0 171.0

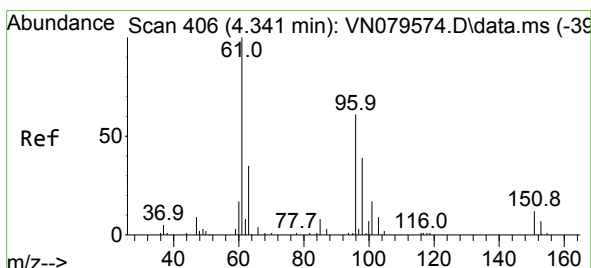
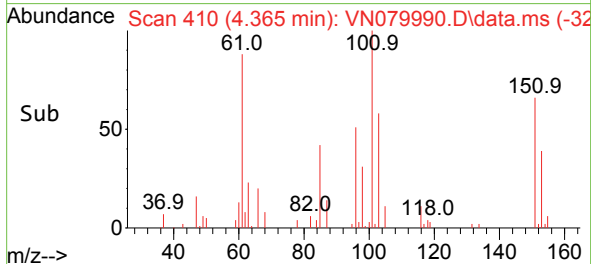
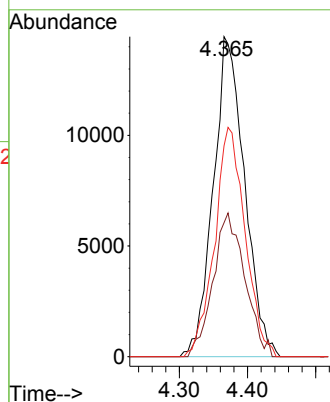
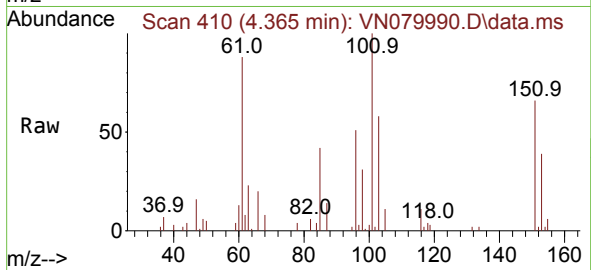




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.383 ug/l
RT: 4.365 min Scan# 413
Delta R.T. -0.017 min
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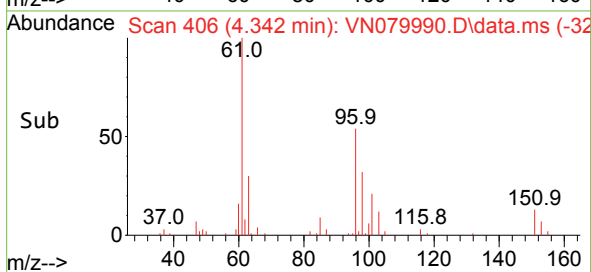
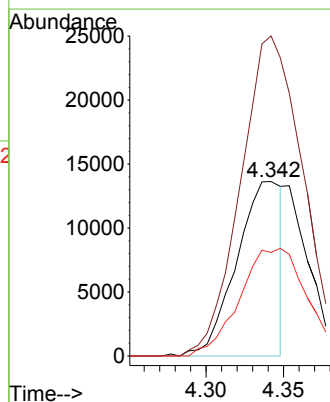
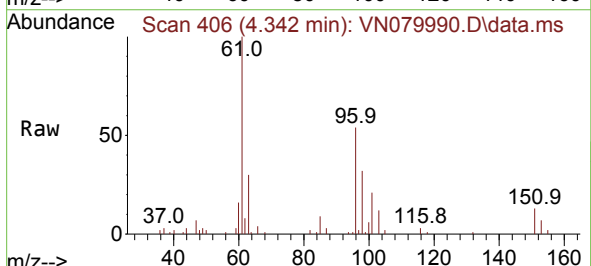
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ClientSampleId :

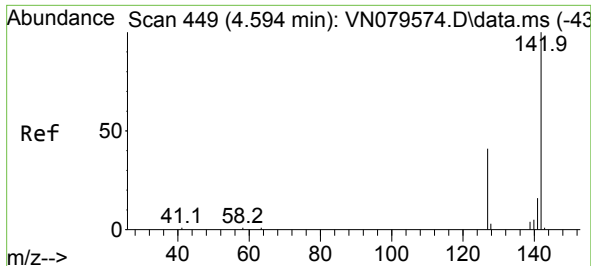
Tgt Ion:101 Resp: 46081
Ion Ratio Lower Upper
101 100
85 45.2 0.0 92.0
151 70.2 0.0 138.4



#10
1,1-Dichloroethene
Concen: 7.019 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

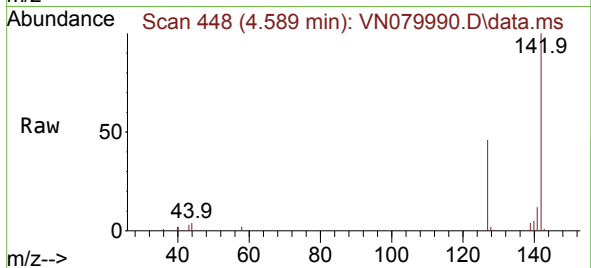
Tgt Ion: 96 Resp: 27558
Ion Ratio Lower Upper
96 100
61 183.5 141.3 211.9
98 59.4 53.2 79.8



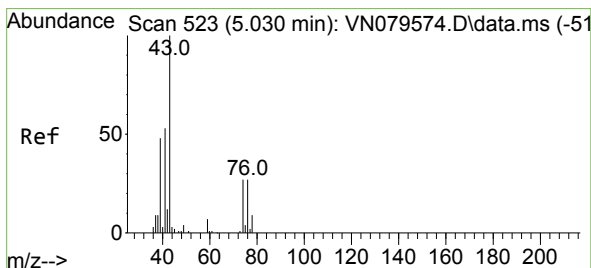
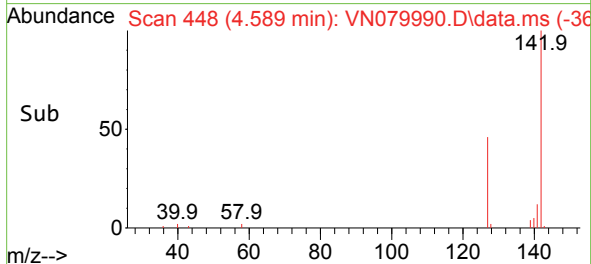
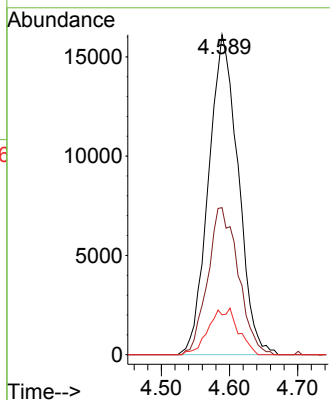


#11
Methyl Iodide
Concen: 9.376 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Instrument :
MSVOA_N
ClientSampleId :

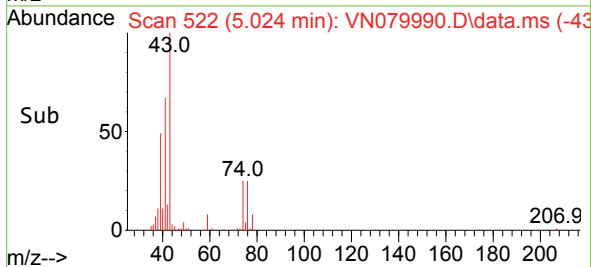
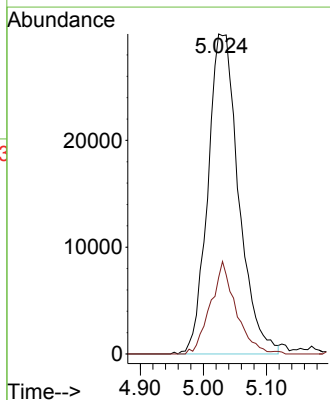
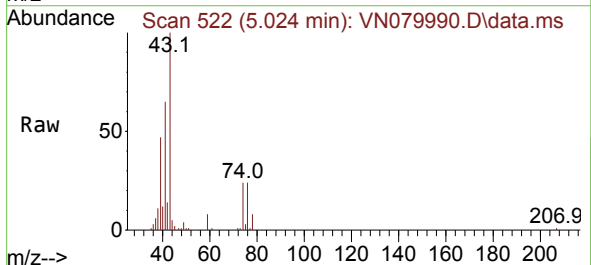


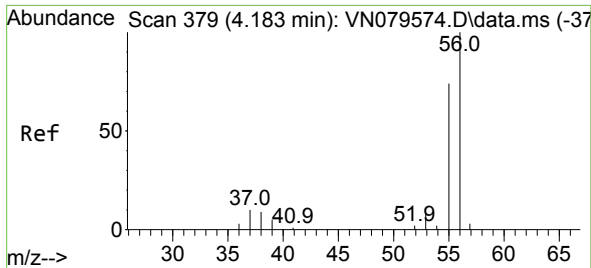
Tgt Ion:142 Resp: 48694
Ion Ratio Lower Upper
142 100
127 45.9 24.6 73.8
141 12.4 7.7 23.1



#12
Methyl Acetate
Concen: 9.982 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 43 Resp: 101609
Ion Ratio Lower Upper
43 100
74 23.9 18.1 27.1

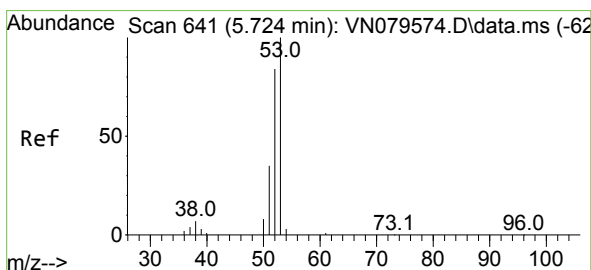
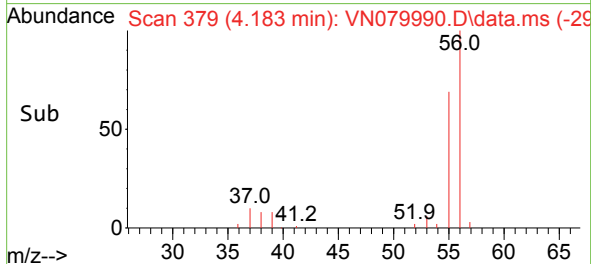
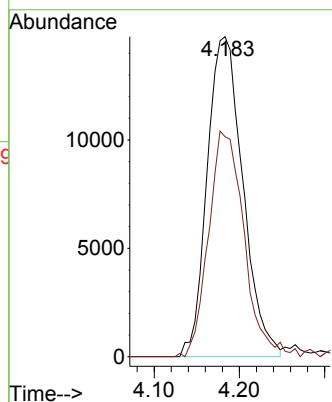
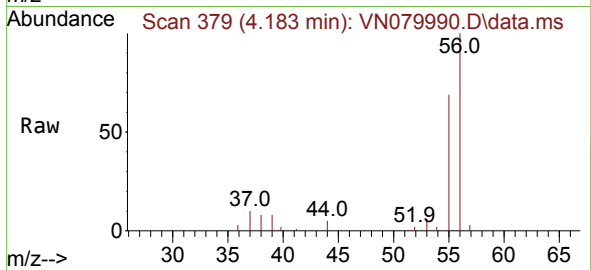




#13
Acrolein
Concen: 49.975 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

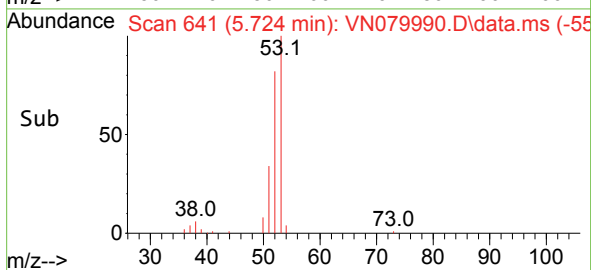
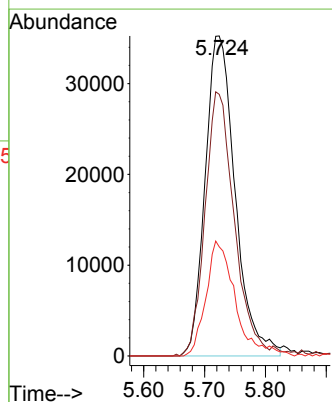
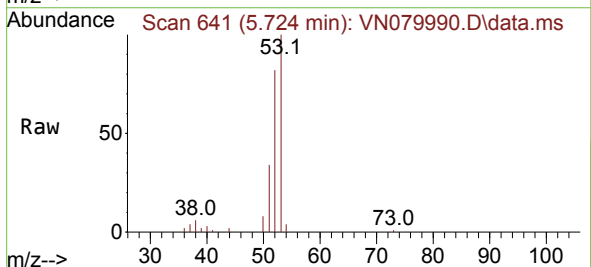
Instrument :
MSVOA_N
ClientSampleId :

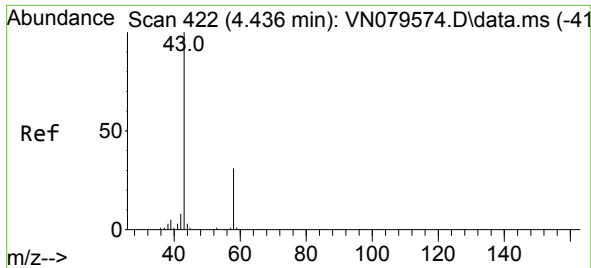
Tgt Ion: 56 Resp: 42981
Ion Ratio Lower Upper
56 100
55 68.7 57.1 85.7



#14
Acrylonitrile
Concen: 49.972 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 53 Resp: 120823
Ion Ratio Lower Upper
53 100
52 80.0 41.6 124.9
51 33.8 17.8 53.3





#15

Acetone

Concen: 46.592 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

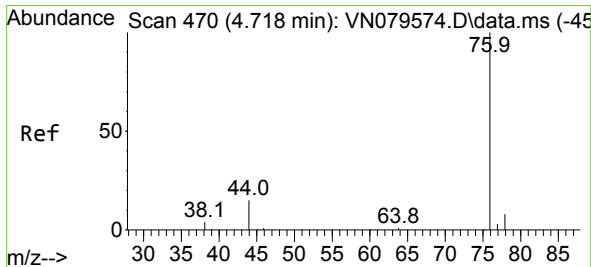
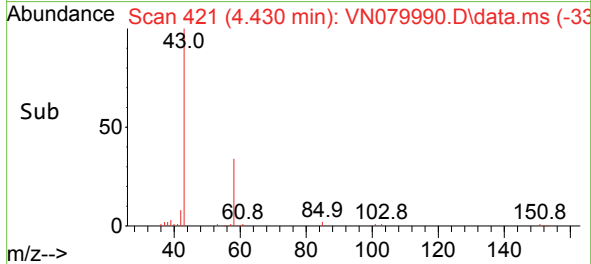
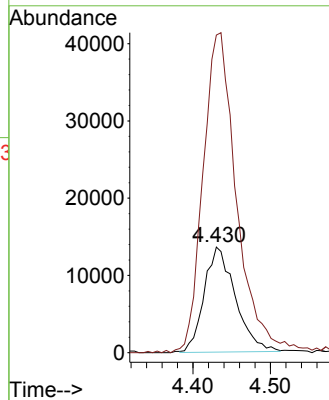
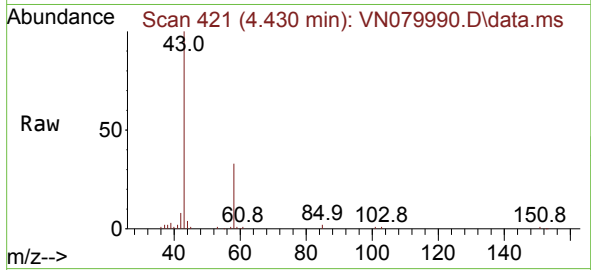
ClientSampleId :

Tgt Ion: 58 Resp: 38037

Ion Ratio Lower Upper

58 100

43 300.5 225.2 337.8



#16

Carbon Disulfide

Concen: 9.692 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.005 min

Lab File: VN079990.D

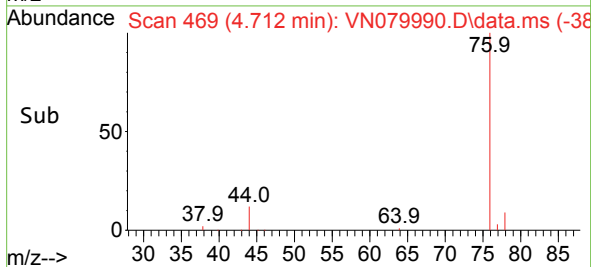
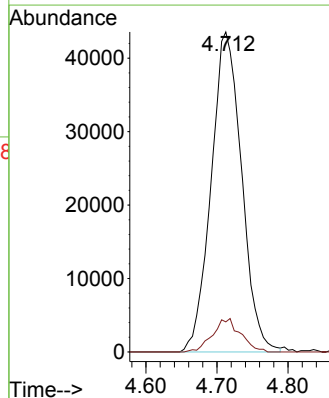
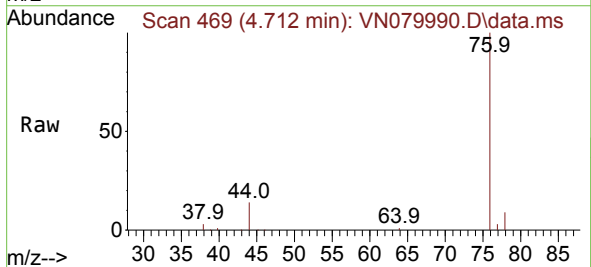
Acq: 08 Nov 2023 13:57

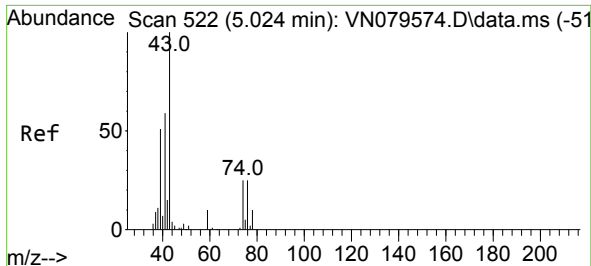
Tgt Ion: 76 Resp: 129943

Ion Ratio Lower Upper

76 100

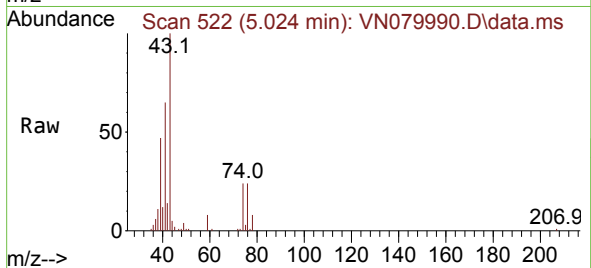
78 9.4 7.5 11.3



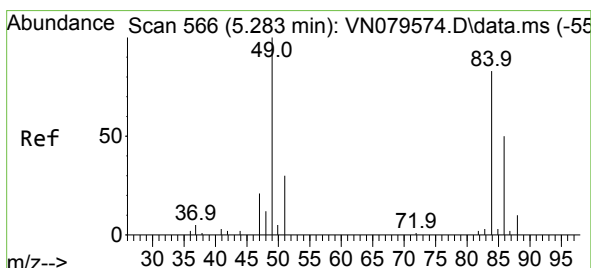
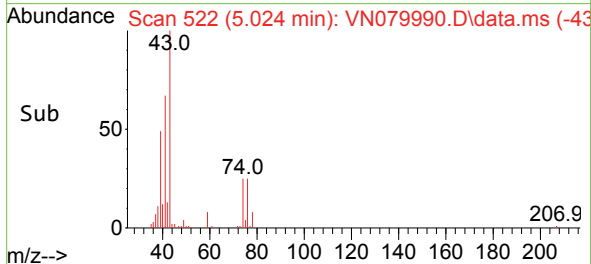
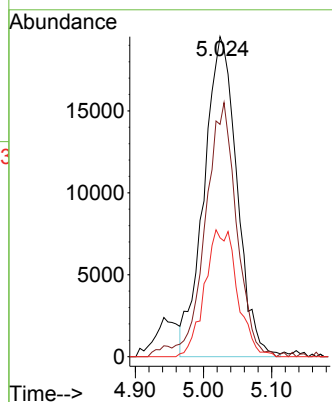


#17
 Allyl chloride
 Concen: 9.561 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

Instrument :
 MSVOA_N
 ClientSampleId :

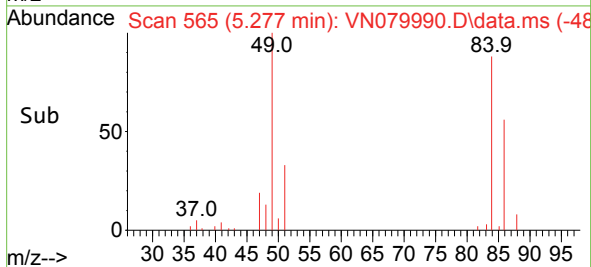
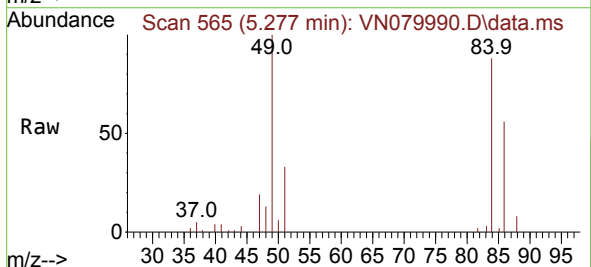
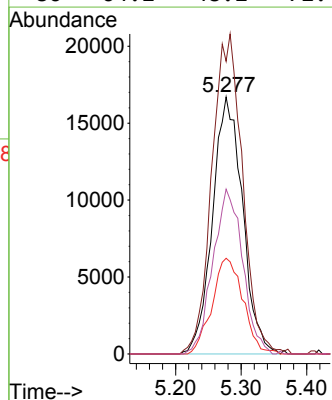


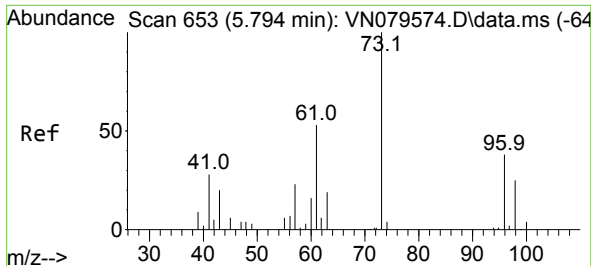
Tgt Ion:	41	Resp:	65597
Ion	Ratio	Lower	Upper
41	100		
39	72.5	38.4	115.2
76	37.5	19.5	58.5



#18
 Methylene Chloride
 Concen: 10.073 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.005 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

Tgt Ion:	84	Resp:	53039
Ion	Ratio	Lower	Upper
84	100		
49	113.9	100.9	151.3
51	37.3	29.4	44.2
86	64.2	48.2	72.4





#19

trans-1,2-Dichloroethene

Concen: 9.733 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.005 min

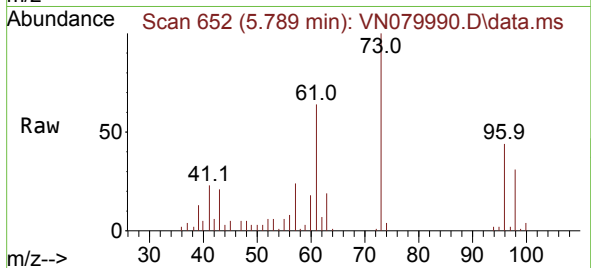
Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :



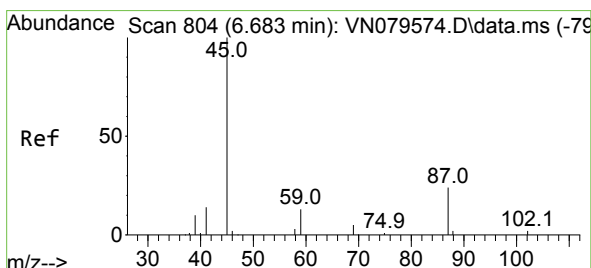
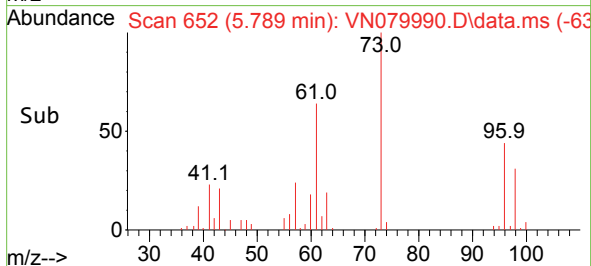
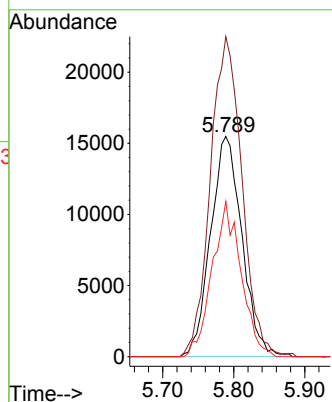
Tgt Ion: 96 Resp: 47369

Ion Ratio Lower Upper

96 100

61 145.3 113.4 170.0

98 70.5 50.4 75.6



#20

Diisopropyl ether

Concen: 9.460 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Tgt Ion: 45 Resp: 151673

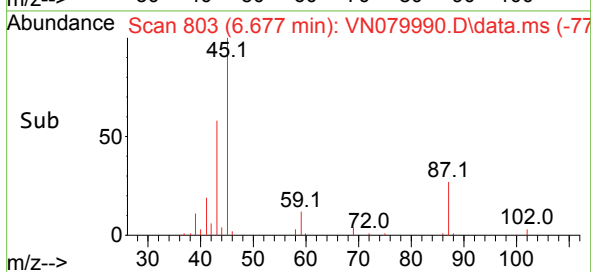
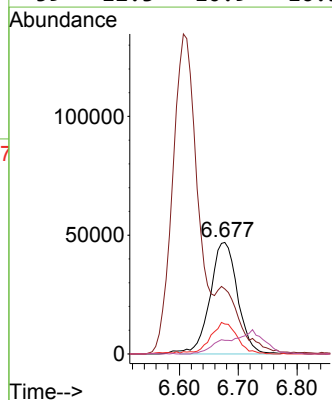
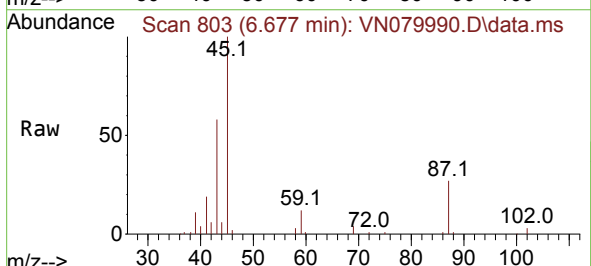
Ion Ratio Lower Upper

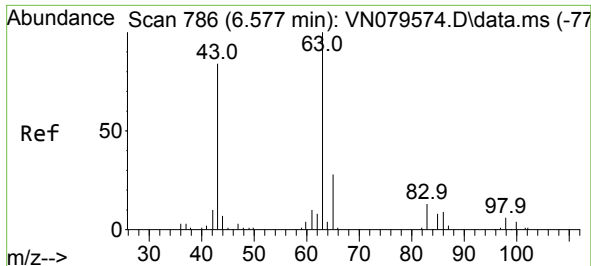
45 100

43 56.9 42.1 63.1

87 27.0 20.5 30.7

59 12.3 10.9 16.3

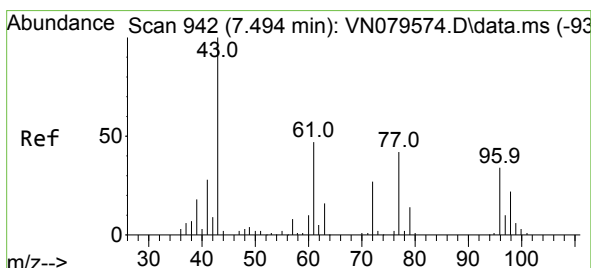
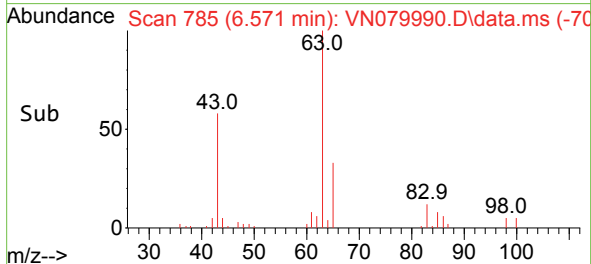
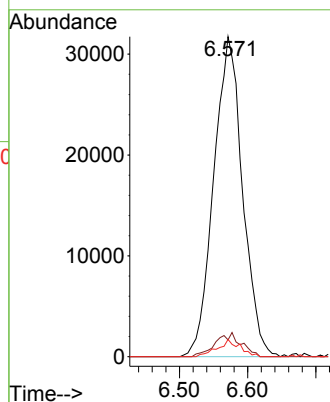
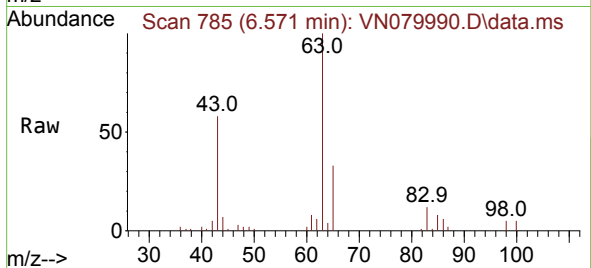




#21
1,1-Dichloroethane
Concen: 9.759 ug/l
RT: 6.571 min Scan# 71
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

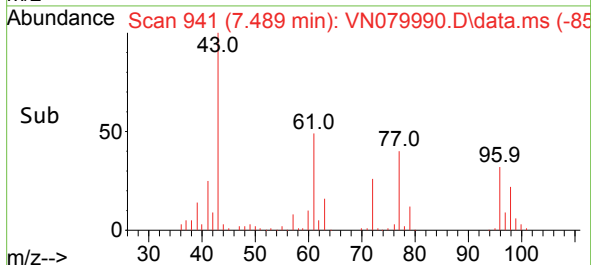
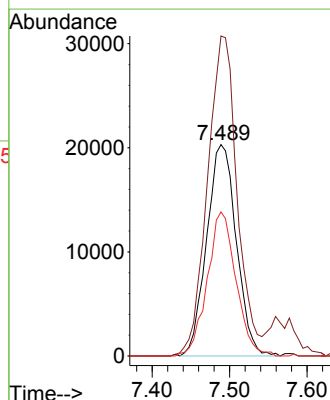
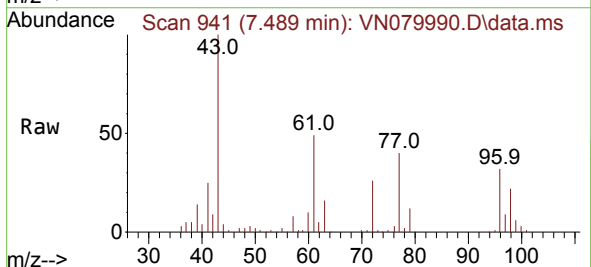
Instrument :
MSVOA_N
ClientSampleId :

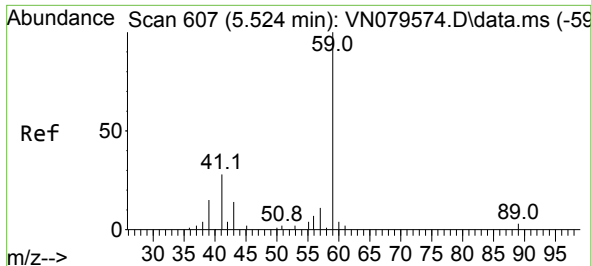
Tgt Ion: 63 Resp: 93397
Ion Ratio Lower Upper
63 100
98 5.3 2.8 8.4
100 5.4 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 9.583 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 96 Resp: 54122
Ion Ratio Lower Upper
96 100
61 151.1 124.6 186.8
98 65.6 54.2 81.4

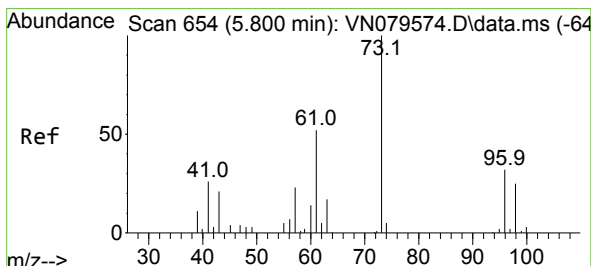
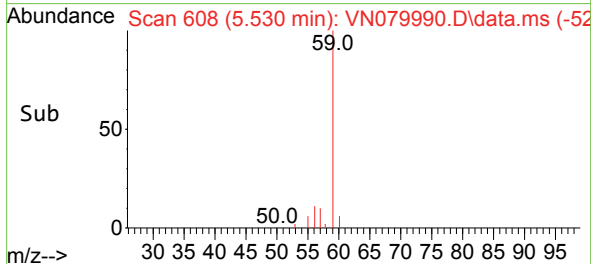
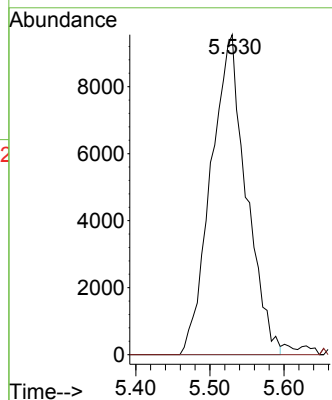
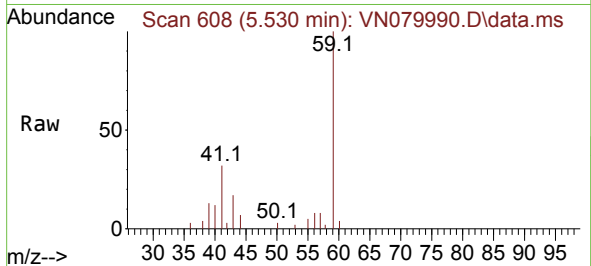




#23
tert-Butyl Alcohol
Concen: 51.461 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

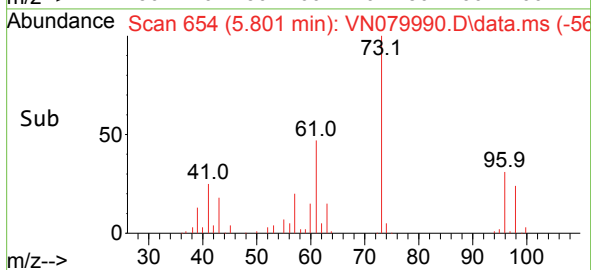
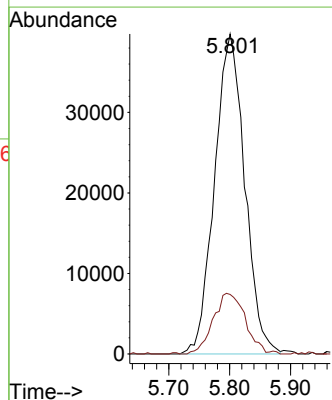
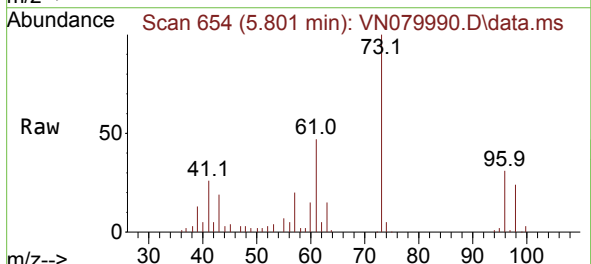
Instrument :
MSVOA_N
ClientSampleId :

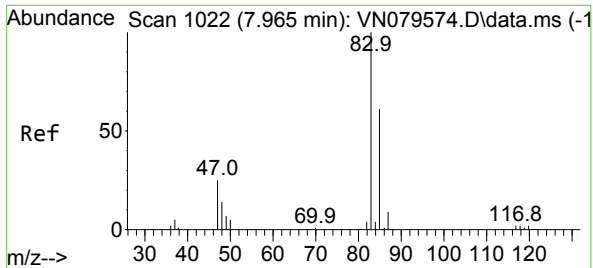
Tgt Ion: 59 Resp: 31571
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 9.464 ug/l
RT: 5.801 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 73 Resp: 136824
Ion Ratio Lower Upper
73 100
43 20.0 16.6 24.8

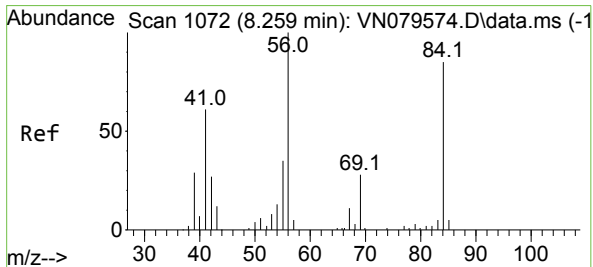
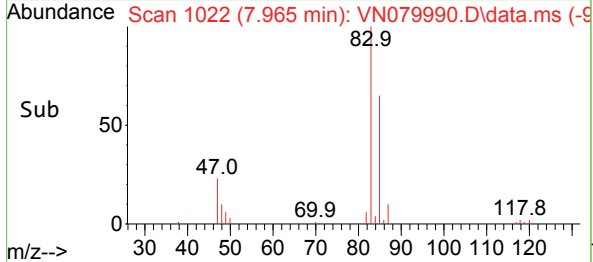
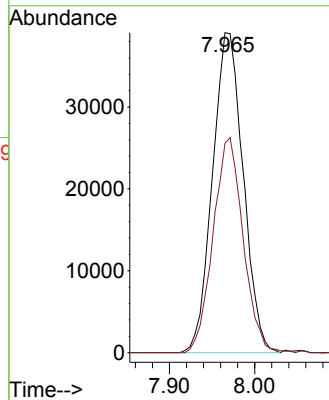
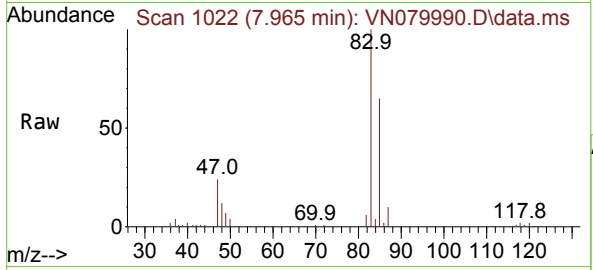




#25
Chloroform
Concen: 9.888 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

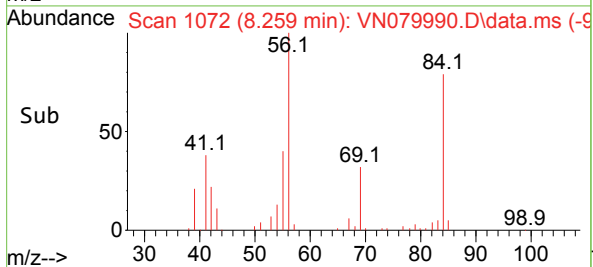
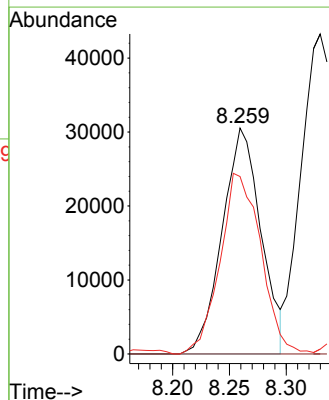
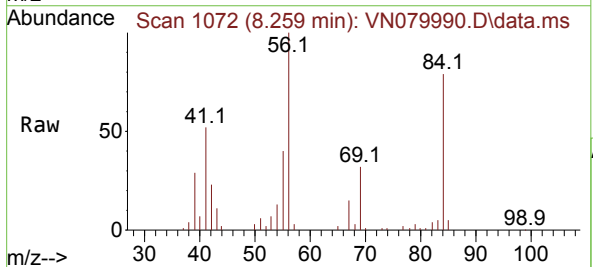
Instrument :
MSVOA_N
ClientSampleId :

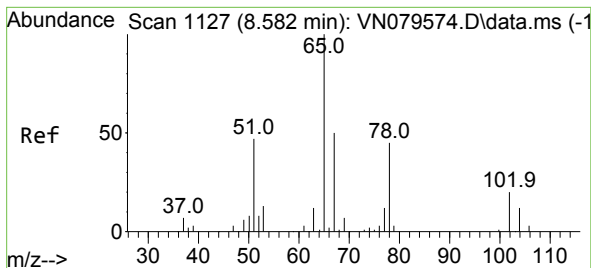
Tgt Ion: 83 Resp: 97686
Ion Ratio Lower Upper
83 100
85 65.4 47.4 71.2



#26
Cyclohexane
Concen: 9.637 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 56 Resp: 72552
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.2 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.772 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

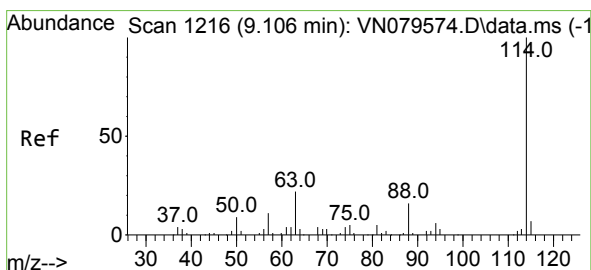
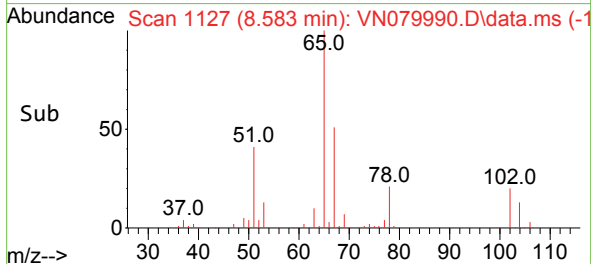
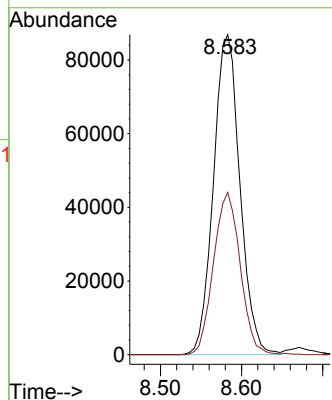
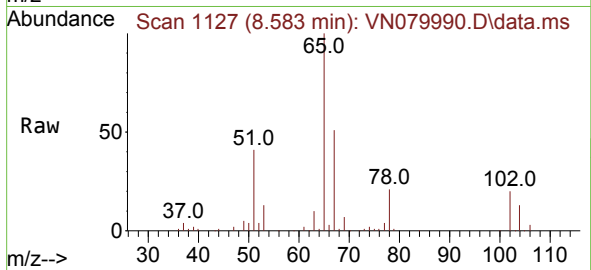
ClientSampleId :

Tgt Ion: 65 Resp: 196984

Ion Ratio Lower Upper

65 100

67 51.1 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: VN079990.D

Acq: 08 Nov 2023 13:57

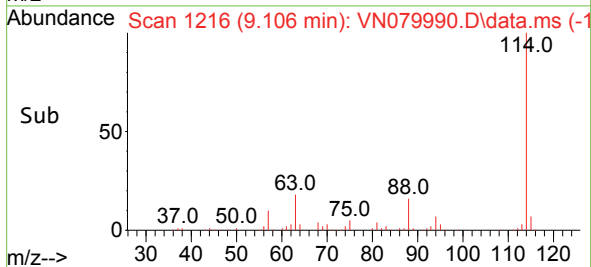
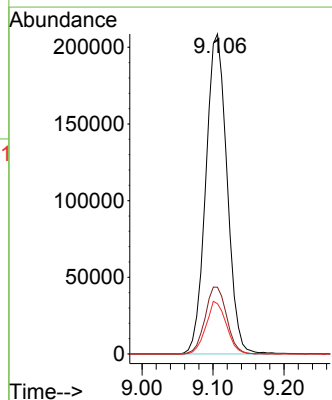
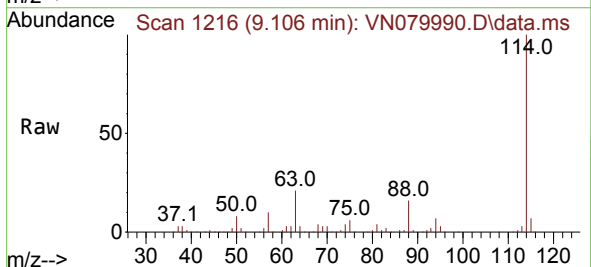
Tgt Ion: 114 Resp: 433027

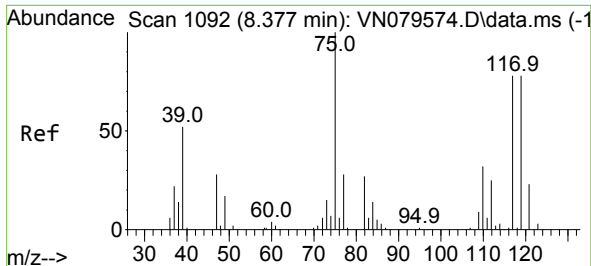
Ion Ratio Lower Upper

114 100

63 21.4 18.1 27.1

88 15.8 12.2 18.2





#29

1,1-Dichloropropene

Concen: 9.209 ug/l

RT: 8.371 min Scan# 1092

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

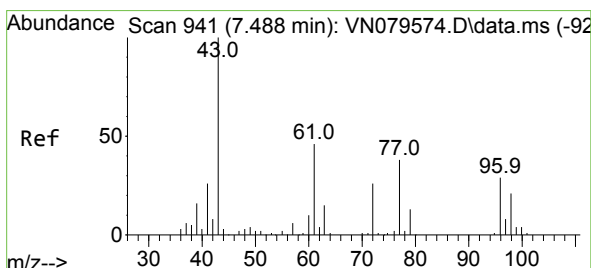
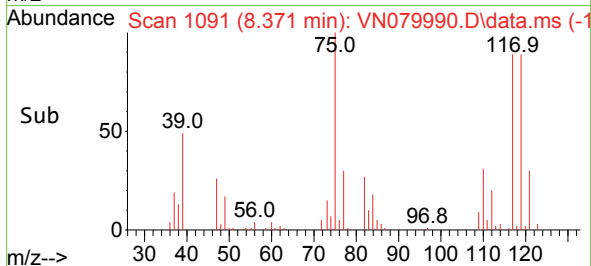
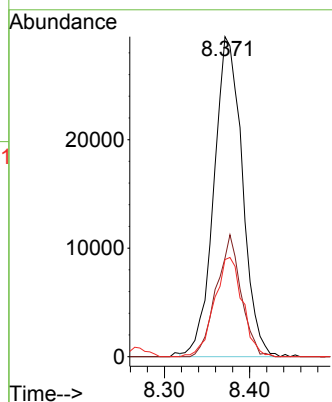
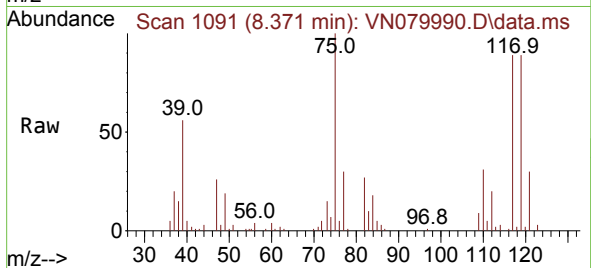
Tgt Ion: 75 Resp: 68442

Ion Ratio Lower Upper

75 100

110 33.0 0.0 66.8

77 30.8 0.0 61.2



#30

2-Butanone

Concen: 46.694 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

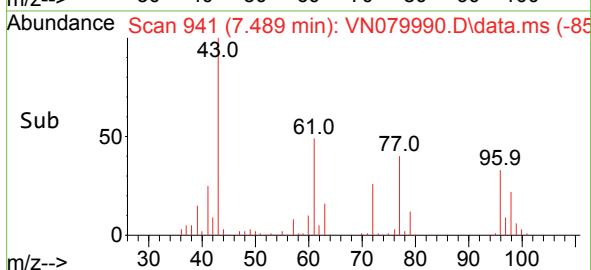
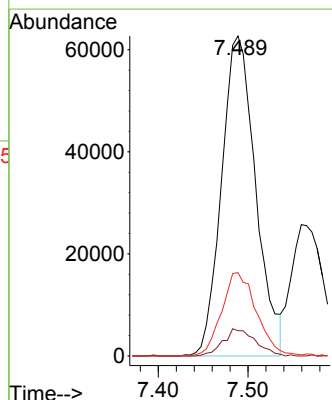
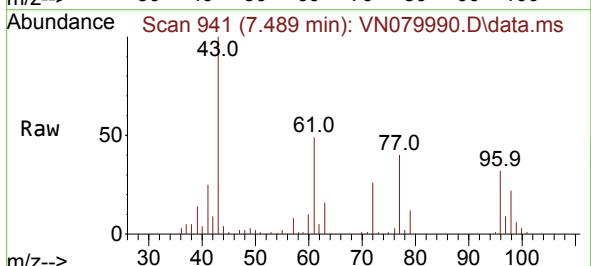
Tgt Ion: 43 Resp: 165729

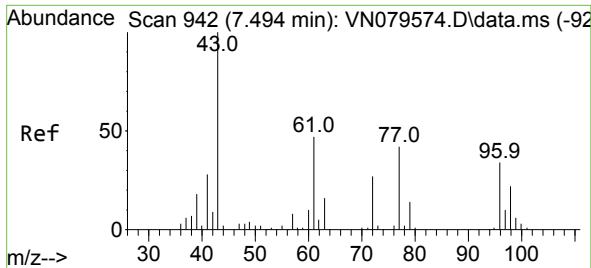
Ion Ratio Lower Upper

43 100

57 8.0 6.4 9.6

72 26.5 20.7 31.1





#31

2,2-Dichloropropane

Concen: 9.319 ug/l

RT: 7.495 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

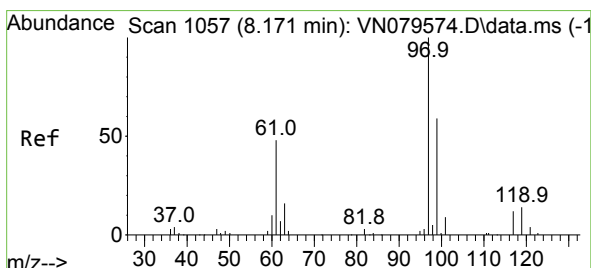
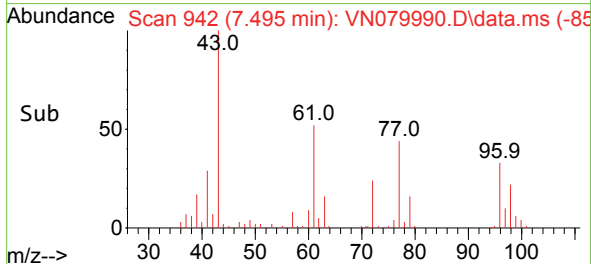
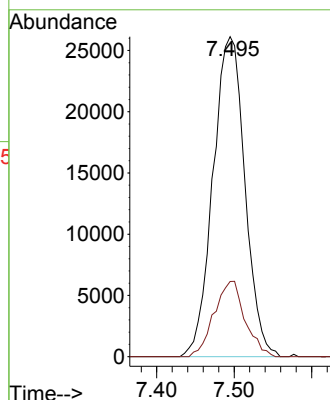
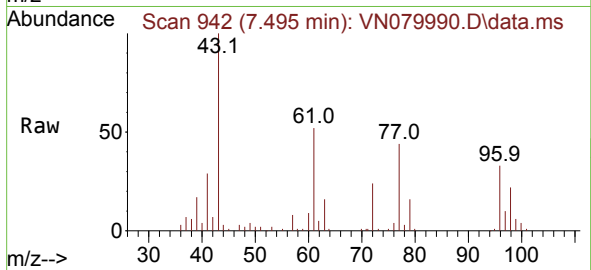
ClientSampleId :

Tgt Ion: 77 Resp: 74854

Ion Ratio Lower Upper

77 100

97 22.8 17.9 26.9



#32

1,1,1-Trichloroethane

Concen: 9.464 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

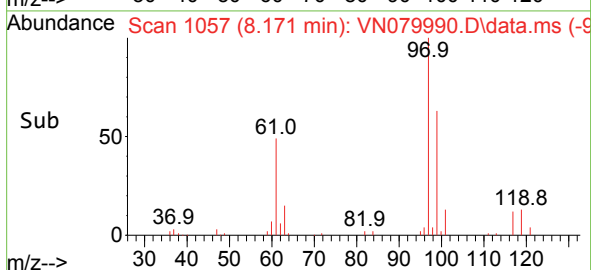
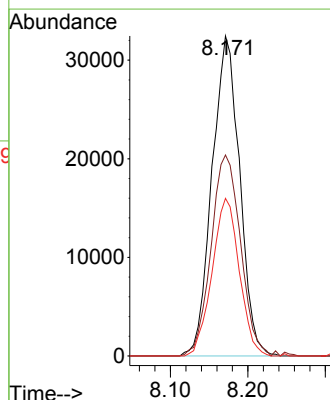
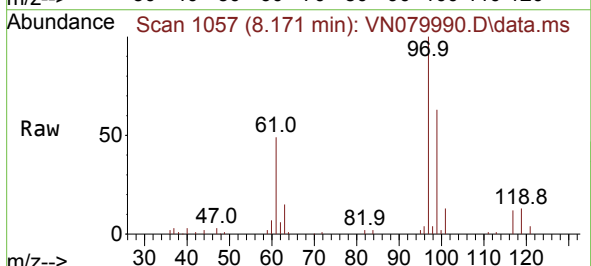
Tgt Ion: 97 Resp: 80299

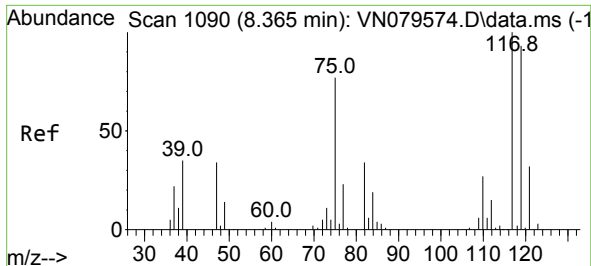
Ion Ratio Lower Upper

97 100

99 67.0 51.9 77.9

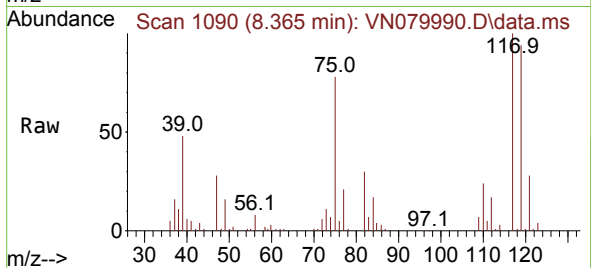
61 48.6 37.6 56.4



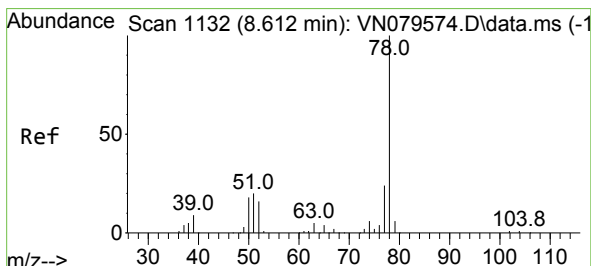
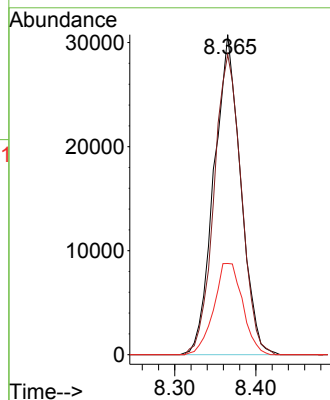
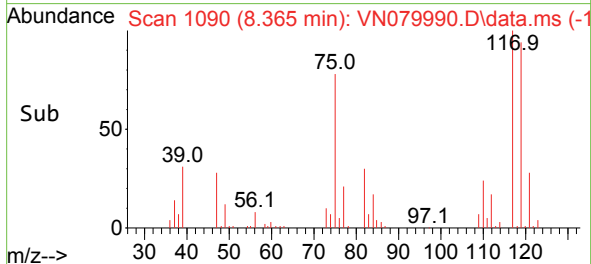


#33
Carbon Tetrachloride
Concen: 9.414 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Instrument :
MSVOA_N
ClientSampleId :

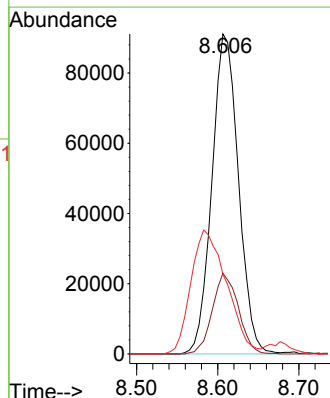
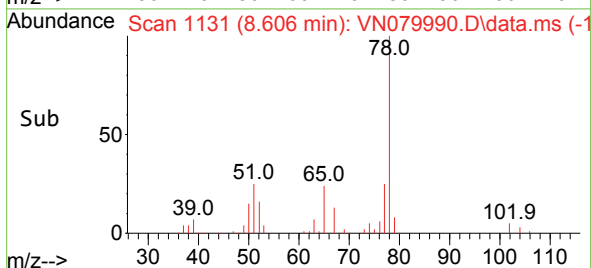
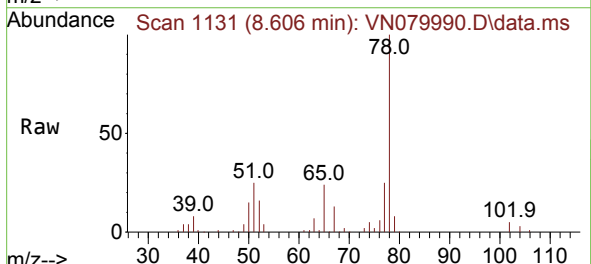


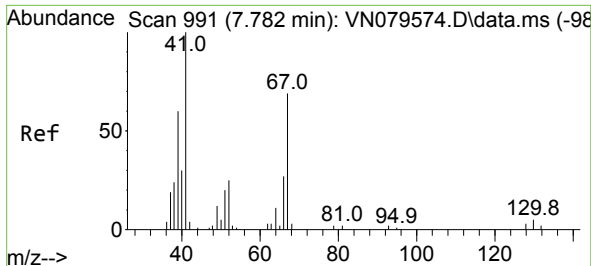
Tgt Ion:117 Resp: 70201
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 28.5 24.3 36.5



#34
Benzene
Concen: 9.378 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 78 Resp: 207047
Ion Ratio Lower Upper
78 100
77 25.2 19.7 29.5
51 21.0 15.8 23.6

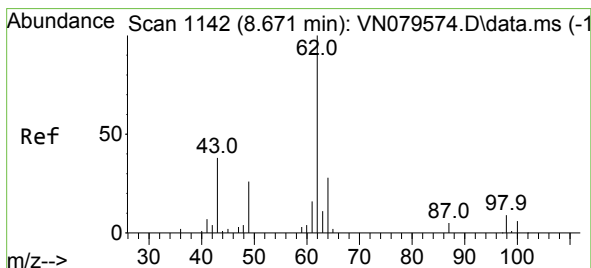
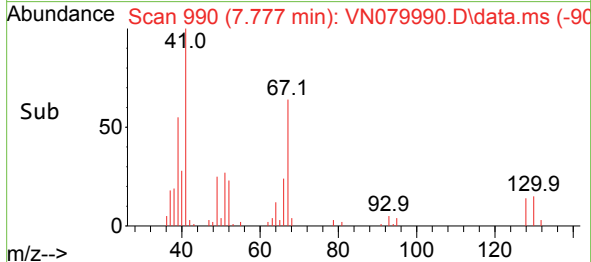
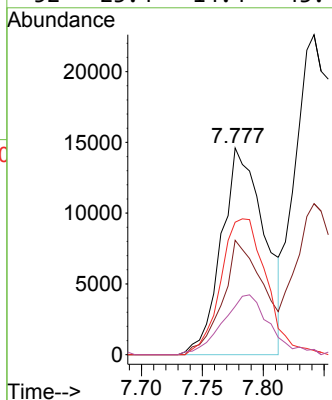
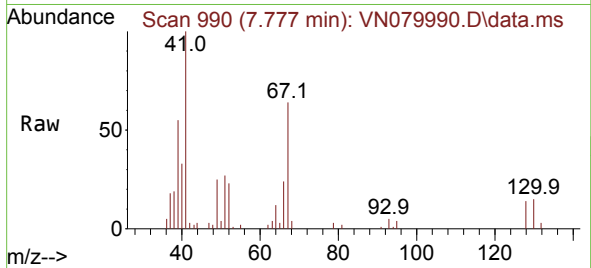




#35
Methacrylonitrile
Concen: 9.637 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

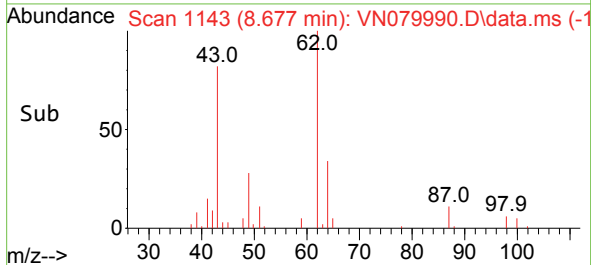
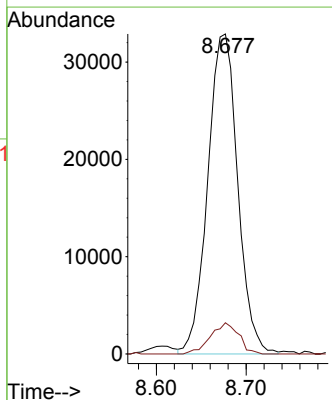
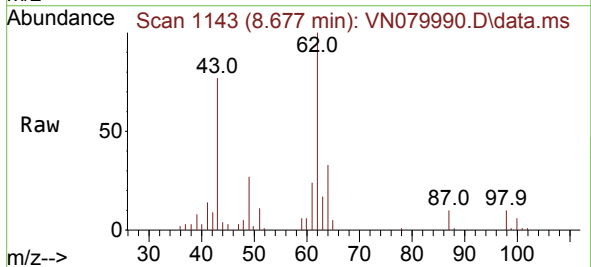
Instrument :
MSVOA_N
ClientSampleId :

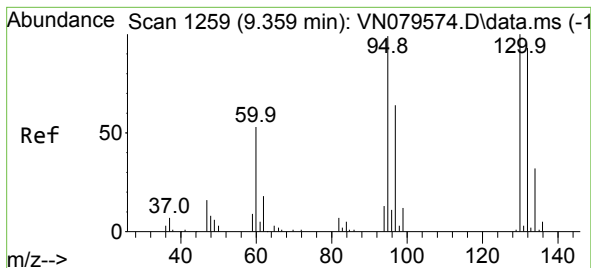
Tgt Ion: 41	Resp: 35861
Ion Ratio	Lower Upper
41	100
39	55.3 26.3 78.8
67	64.1 37.5 112.3
52	23.4 14.4 43.4



#36
1,2-Dichloroethane
Concen: 9.550 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 62	Resp: 76307
Ion Ratio	Lower Upper
62	100
98	9.2 7.2 10.8





#37

Trichloroethene

Concen: 9.449 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

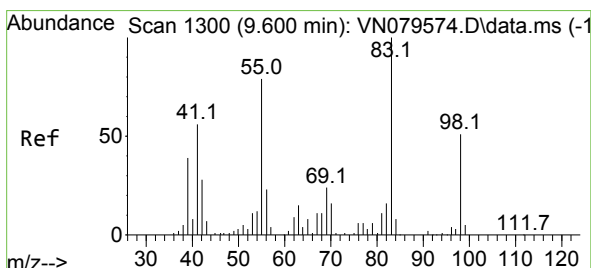
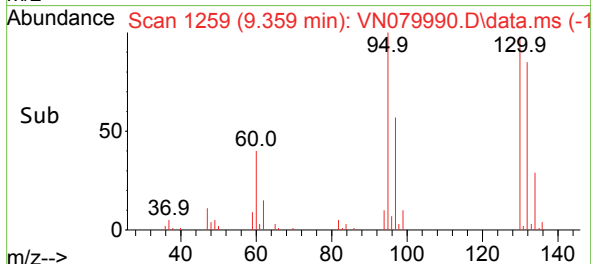
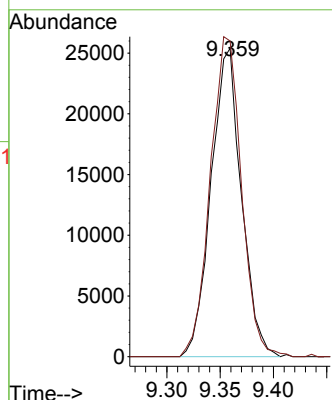
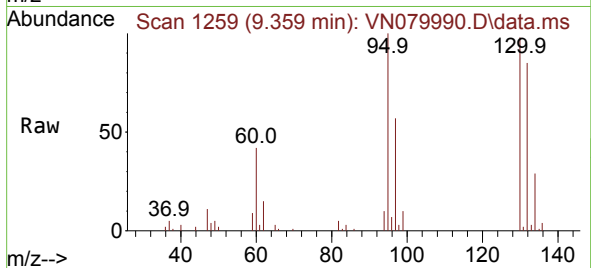
ClientSampleId :

Tgt Ion:130 Resp: 50168

Ion Ratio Lower Upper

130 100

95 102.3 81.2 121.8



#38

Methylcyclohexane

Concen: 8.866 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

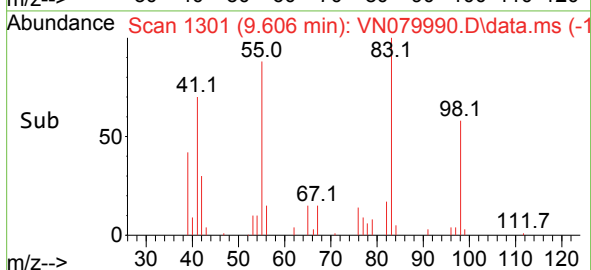
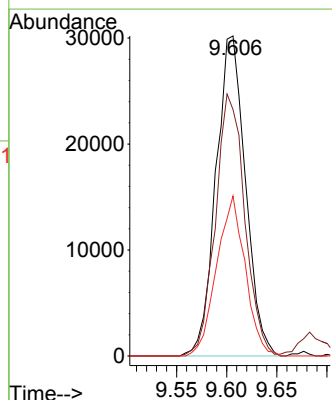
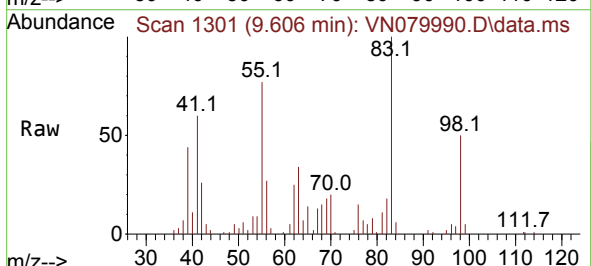
Tgt Ion: 83 Resp: 61867

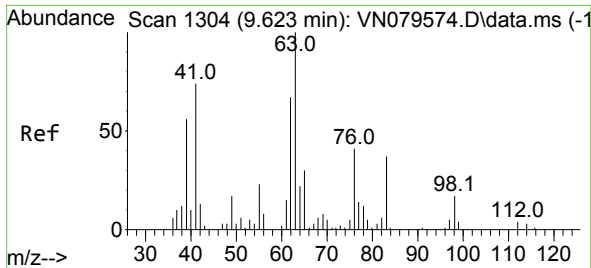
Ion Ratio Lower Upper

83 100

55 81.3 39.7 119.1

98 48.4 24.4 73.2





#39

1,2-Dichloropropane

Concen: 9.442 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

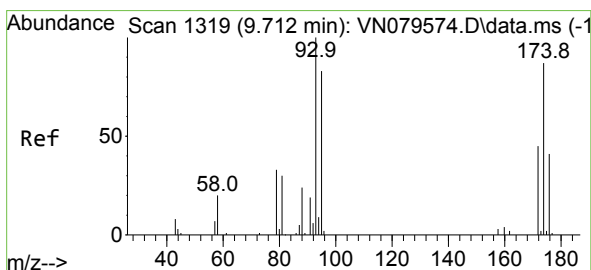
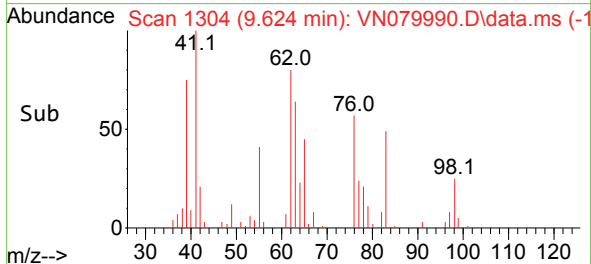
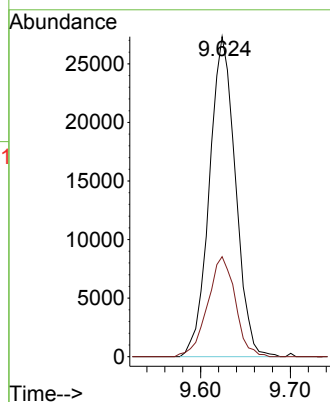
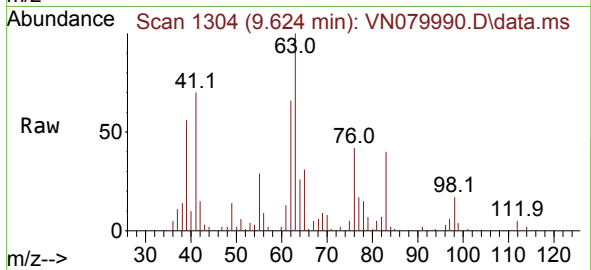
ClientSampleId :

Tgt Ion: 63 Resp: 55171

Ion Ratio Lower Upper

63 100

65 31.2 25.3 37.9



#40

Dibromomethane

Concen: 9.768 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

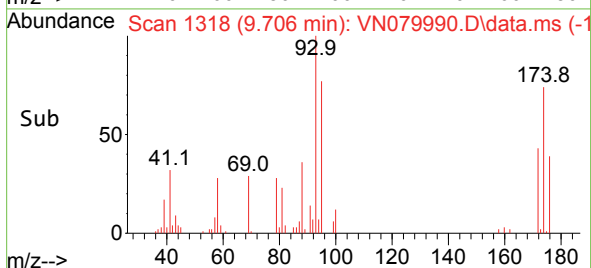
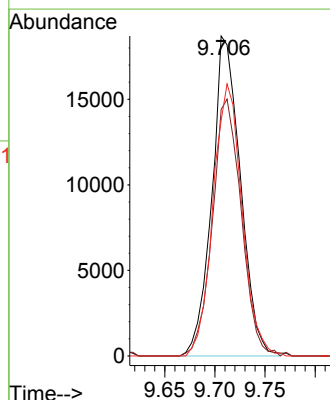
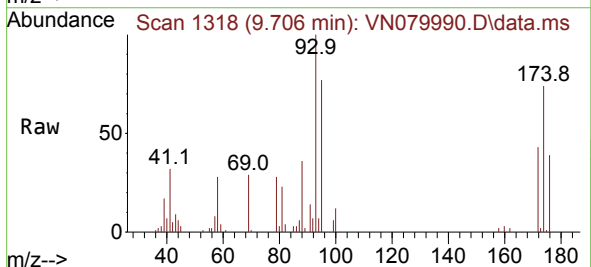
Tgt Ion: 93 Resp: 36896

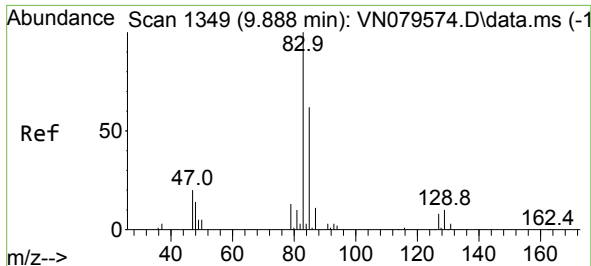
Ion Ratio Lower Upper

93 100

95 81.2 0.0 166.6

174 86.4 0.0 171.0

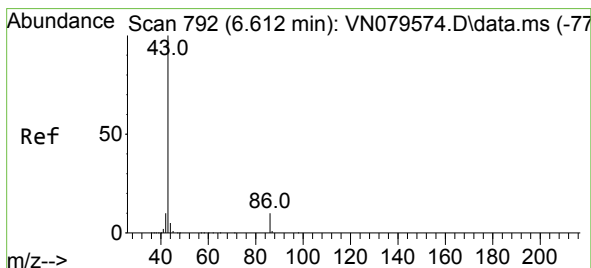
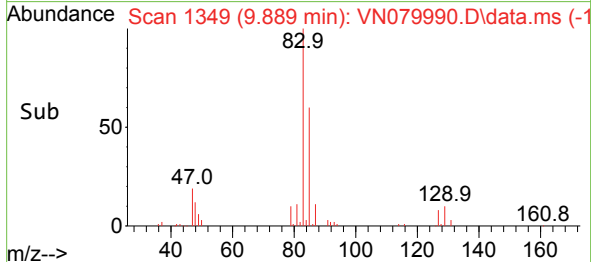
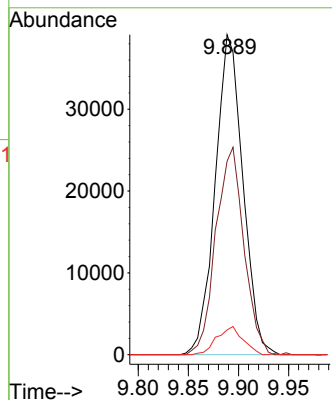
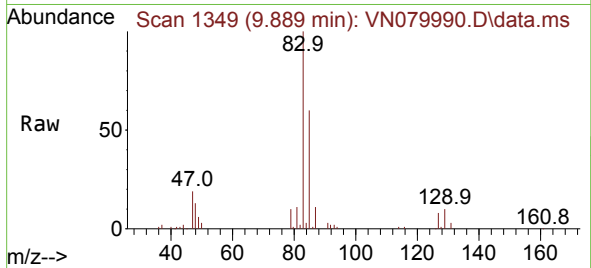




#41
Bromodichloromethane
Concen: 9.598 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

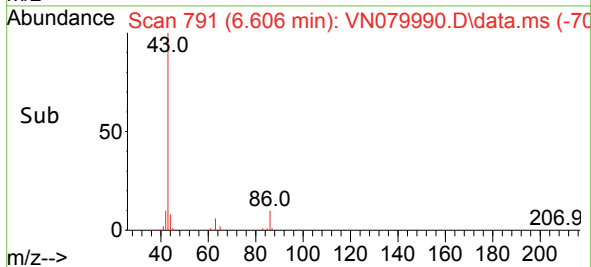
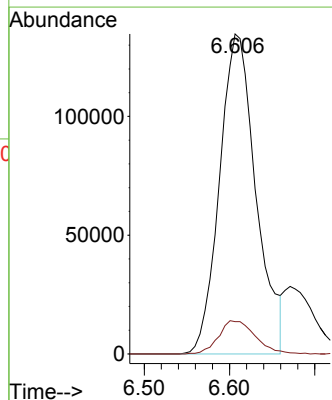
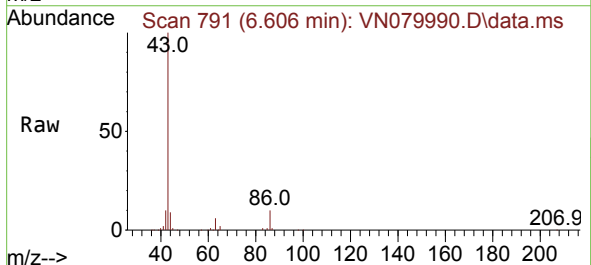
Instrument :
MSVOA_N
ClientSampleId :

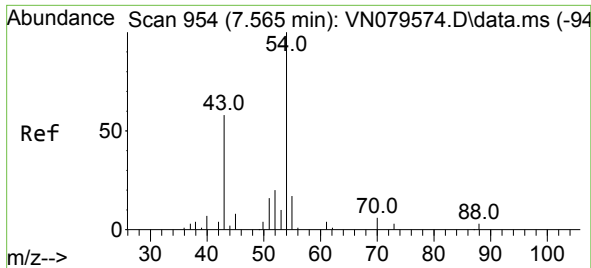
Tgt Ion: 83 Resp: 75087
Ion Ratio Lower Upper
83 100
85 60.5 50.3 75.5
127 7.7 6.8 10.2



#42
Vinyl Acetate
Concen: 45.366 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 43 Resp: 399949
Ion Ratio Lower Upper
43 100
86 10.5 8.2 12.2

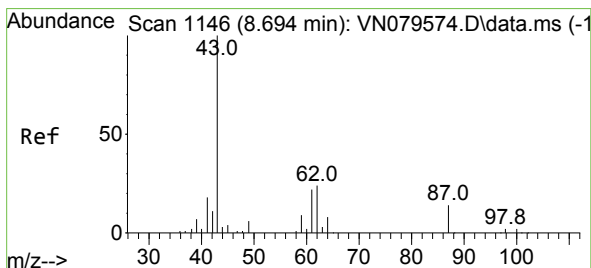
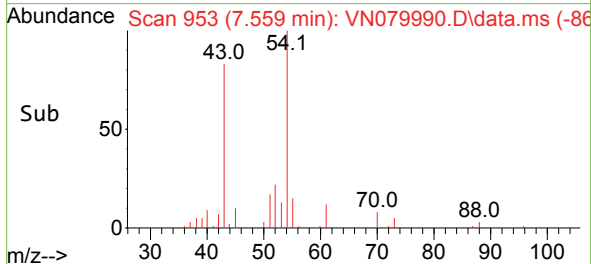
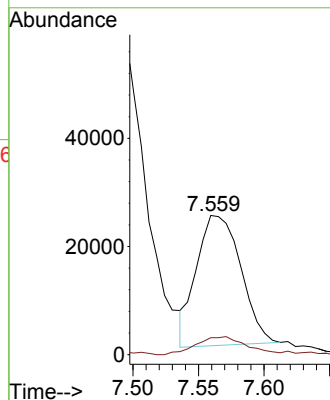
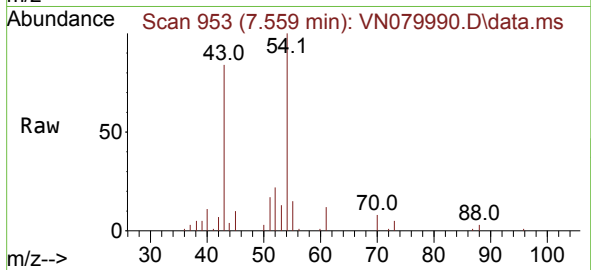




#43
Ethyl Acetate
Concen: 8.474 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

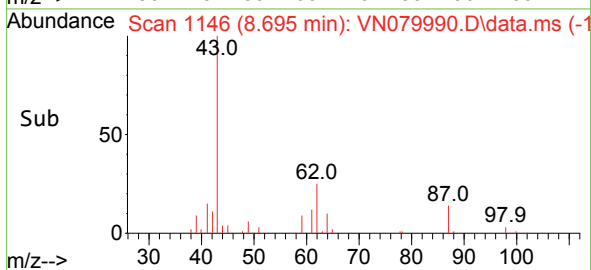
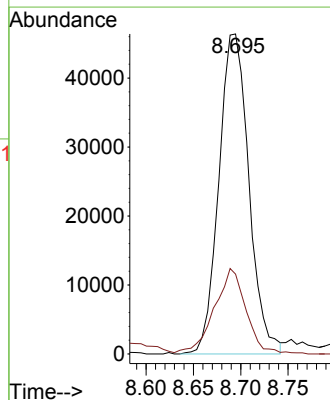
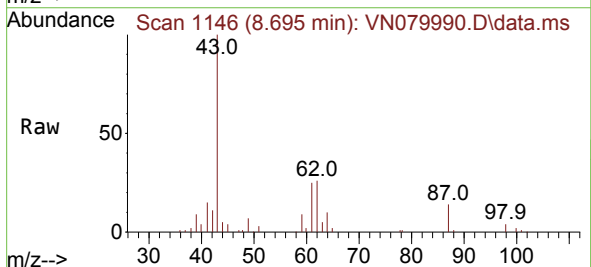
Instrument :
MSVOA_N
ClientSampleId :

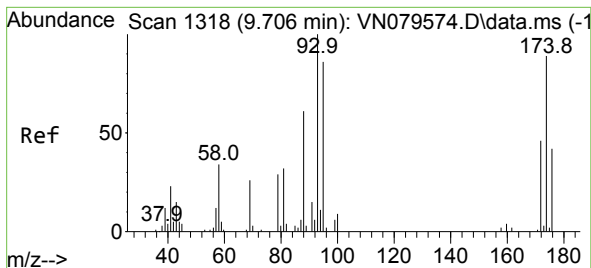
Tgt Ion: 43 Resp: 56499
Ion Ratio Lower Upper
43 100
45 15.7 11.8 17.8



#44
Isopropyl Acetate
Concen: 9.433 ug/l
RT: 8.695 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 43 Resp: 102476
Ion Ratio Lower Upper
43 100
61 26.6 20.3 30.5





#45

1,4-Dioxane

Concen: 191.272 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

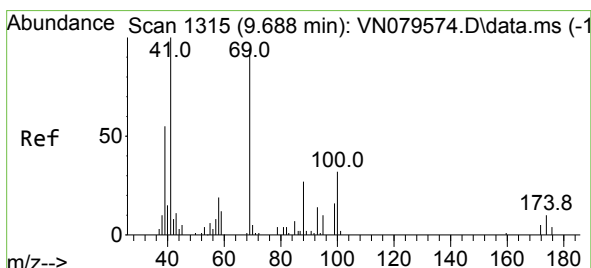
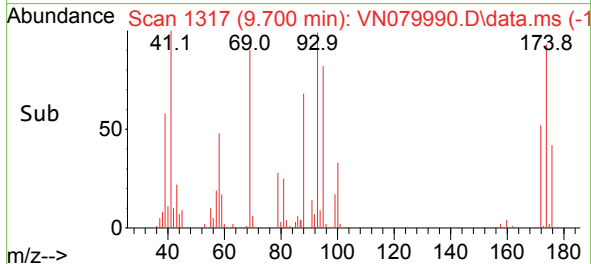
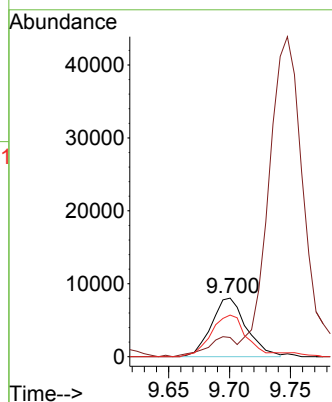
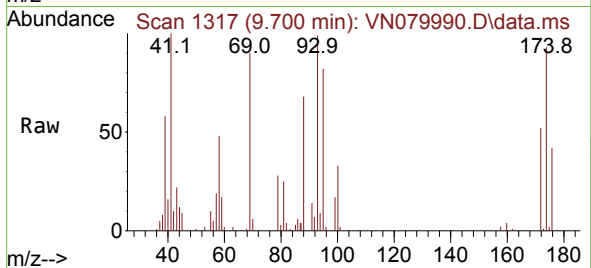
Tgt Ion: 88 Resp: 16014

Ion Ratio Lower Upper

88 100

43 28.1 28.7 43.1#

58 70.7 56.9 85.3



#46

Methyl methacrylate

Concen: 9.037 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

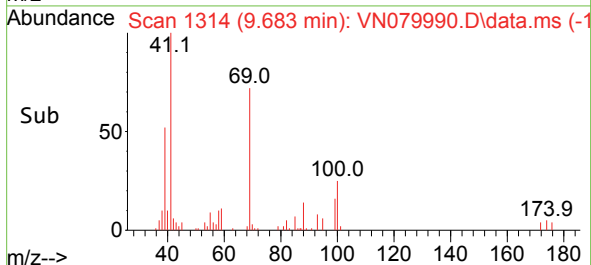
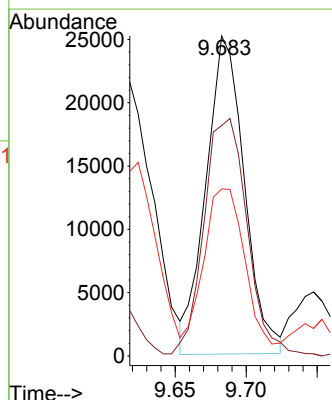
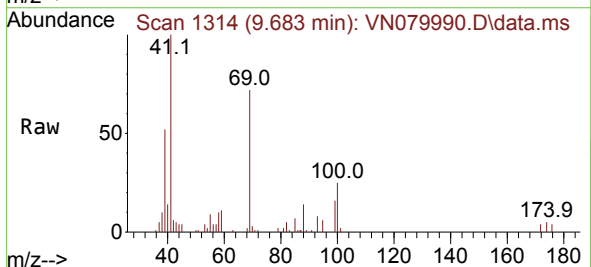
Tgt Ion: 41 Resp: 47197

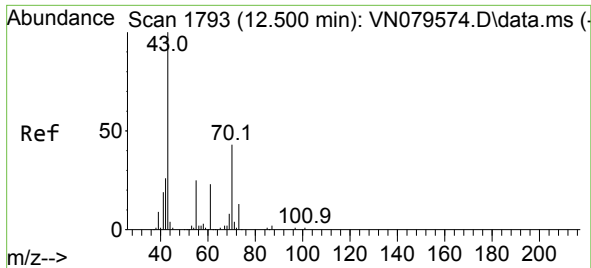
Ion Ratio Lower Upper

41 100

69 72.1 40.0 119.9

39 51.1 31.1 93.3

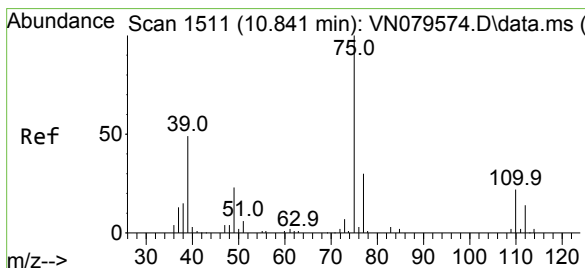
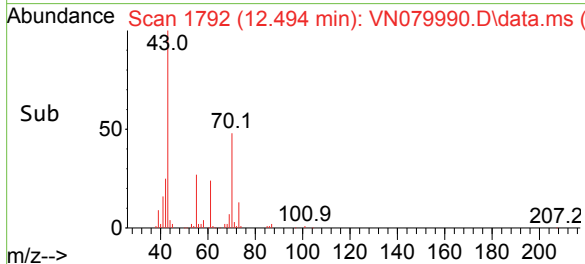
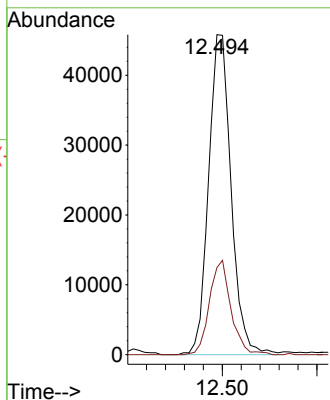
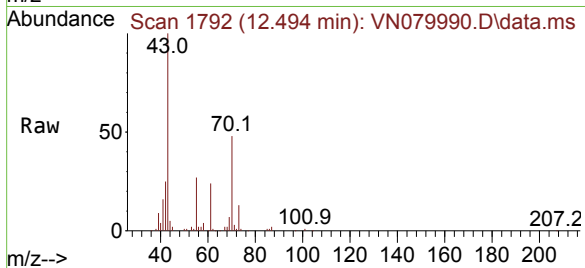




#47
n-amy1 Acetate
Concen: 8.666 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

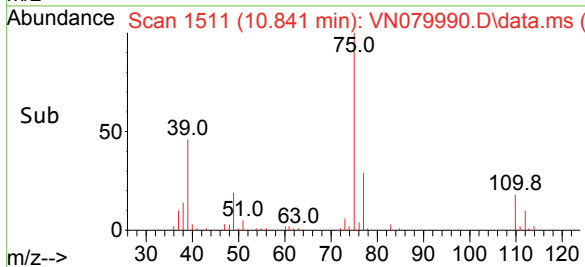
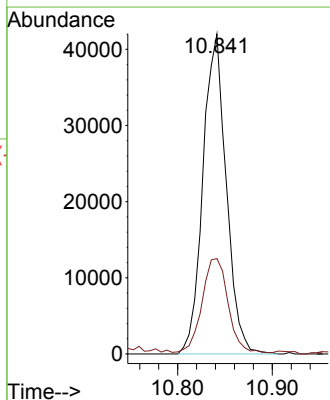
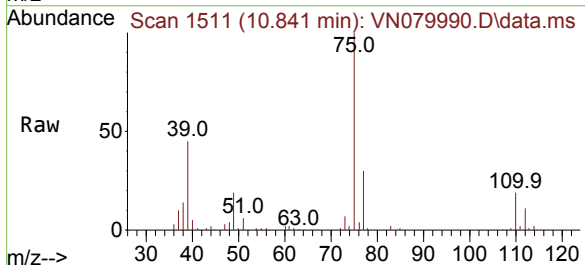
Instrument :
MSVOA_N
ClientSampleId :

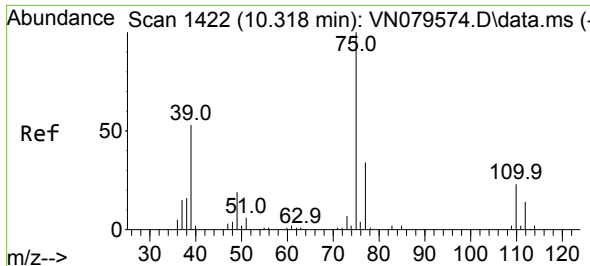
Tgt Ion: 43 Resp: 75627
Ion Ratio Lower Upper
43 100
55 27.6 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 9.002 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 75 Resp: 71919
Ion Ratio Lower Upper
75 100
77 29.1 25.6 38.4

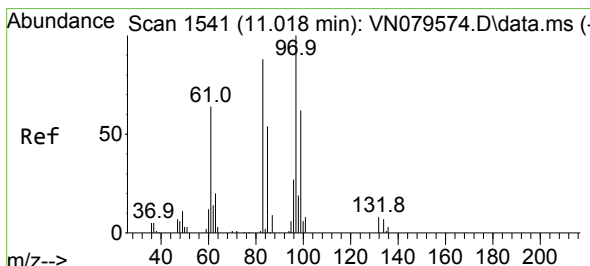
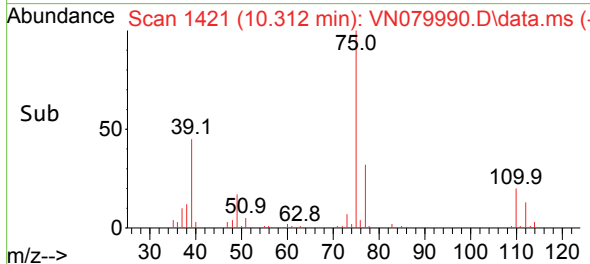
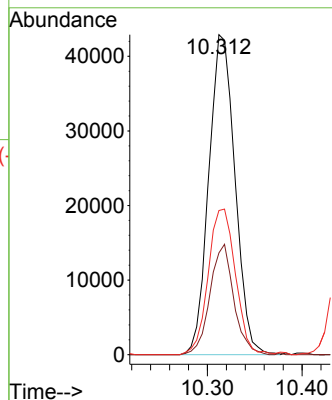
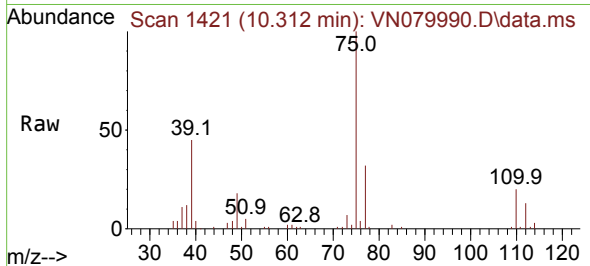




#49
 cis-1,3-Dichloropropene
 Concen: 9.359 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.005 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

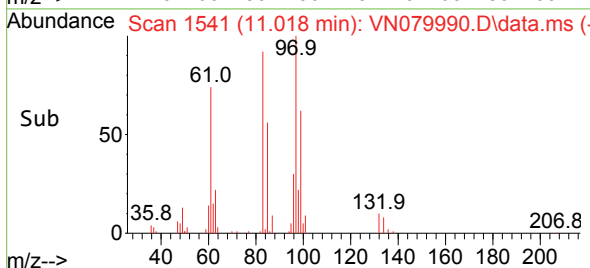
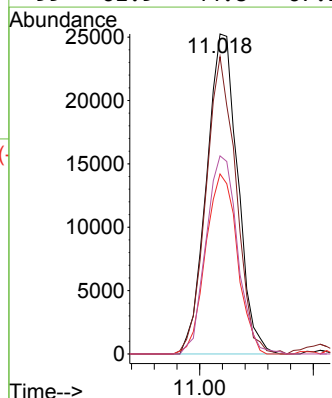
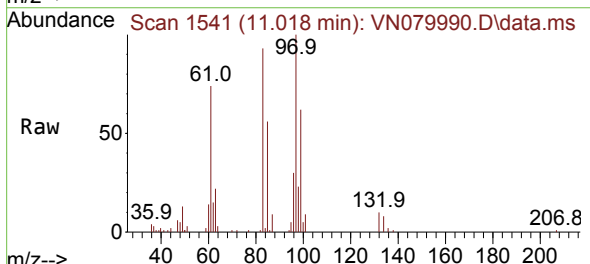
Instrument :
 MSVOA_N
 ClientSampleId :

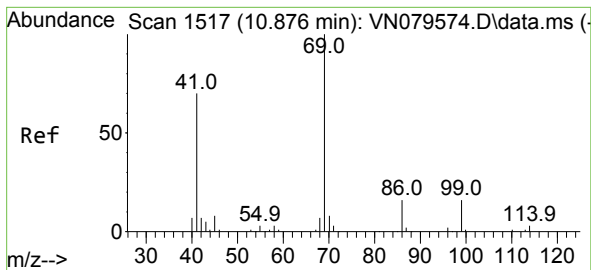
Tgt Ion: 75 Resp: 82662
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.6
 39 45.0 42.4 63.6



#50
 1,1,2-Trichloroethane
 Concen: 9.353 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

Tgt Ion: 97 Resp: 48192
 Ion Ratio Lower Upper
 97 100
 83 91.9 68.2 102.4
 85 56.2 42.9 64.3
 99 61.9 44.8 67.2

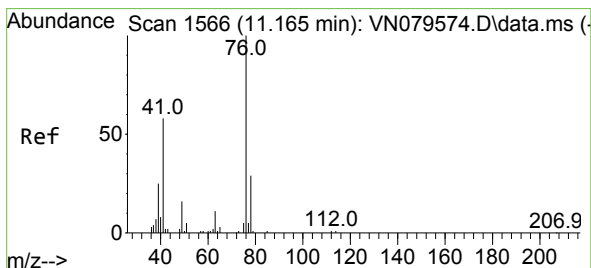
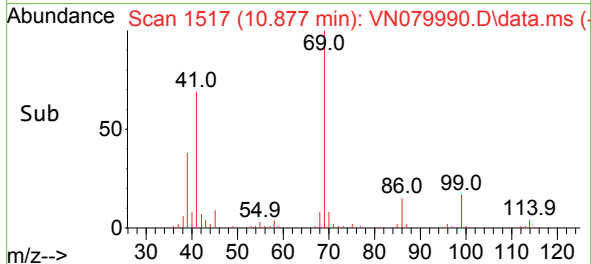
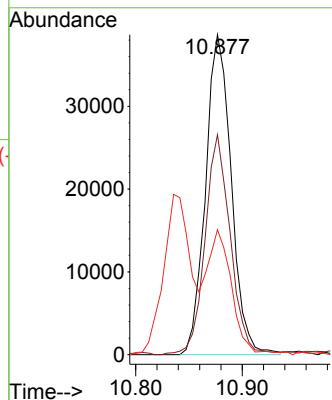
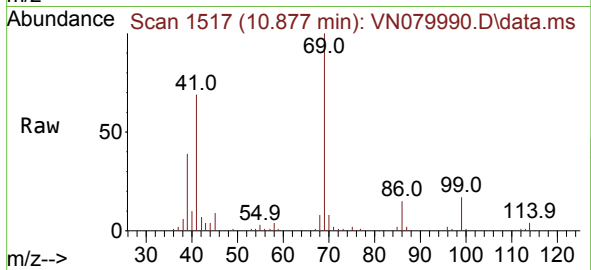




#51
Ethyl methacrylate
Concen: 8.782 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

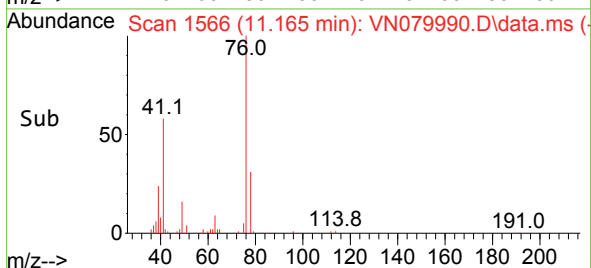
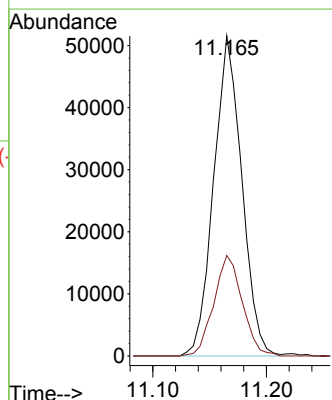
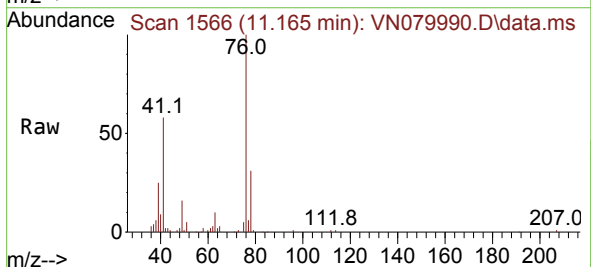
Instrument :
MSVOA_N
ClientSampleId :

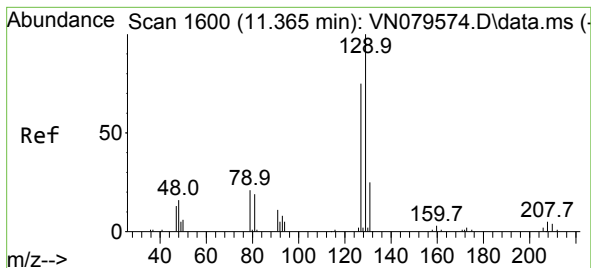
Tgt Ion: 69 Resp: 65039
Ion Ratio Lower Upper
69 100
41 68.0 33.8 101.3
39 38.3 21.3 63.9



#52
1,3-Dichloropropane
Concen: 9.613 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 76 Resp: 88550
Ion Ratio Lower Upper
76 100
78 31.8 0.0 64.0





#53

Dibromochloromethane

Concen: 9.365 ug/l

RT: 11.365 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

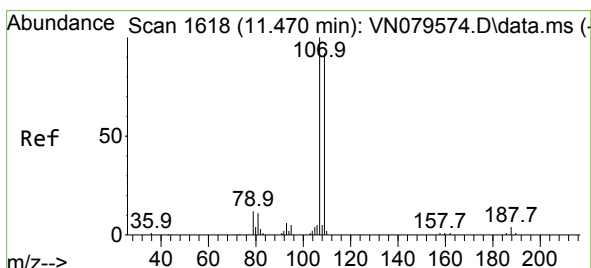
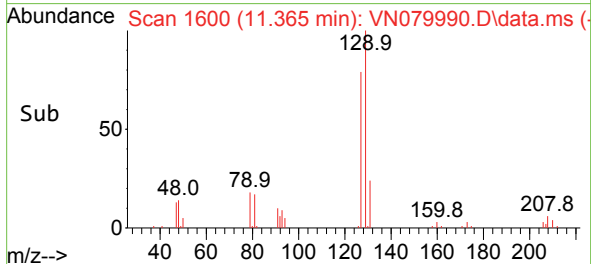
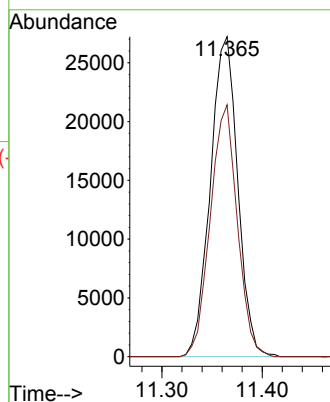
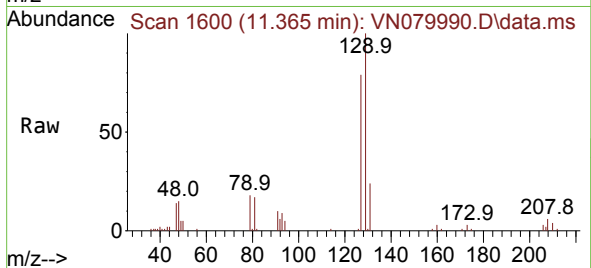
ClientSampleId :

Tgt Ion:129 Resp: 51622

Ion Ratio Lower Upper

129 100

127 77.4 38.8 116.3



#54

1,2-Dibromoethane

Concen: 9.326 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN079990.D

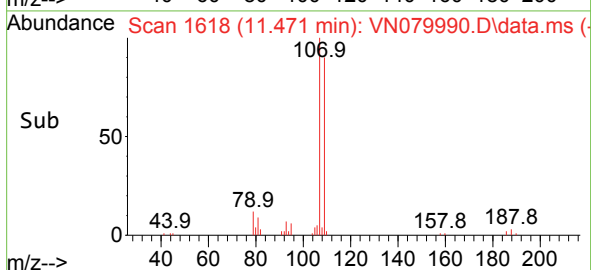
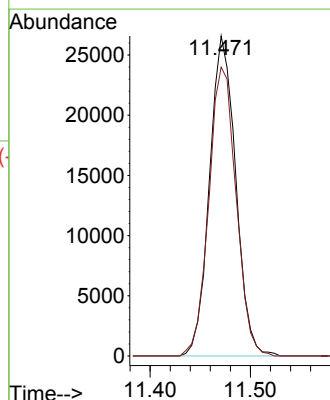
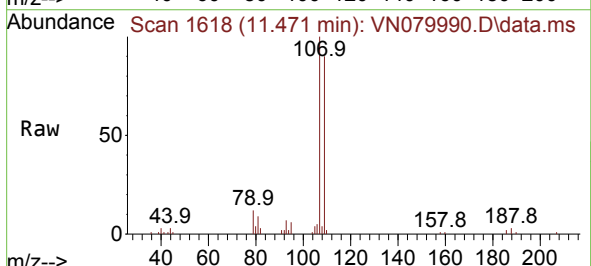
Acq: 08 Nov 2023 13:57

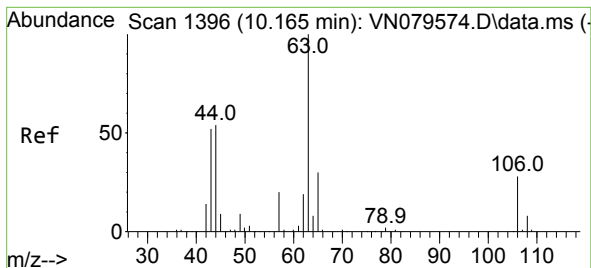
Tgt Ion:107 Resp: 48248

Ion Ratio Lower Upper

107 100

109 93.9 73.2 109.8

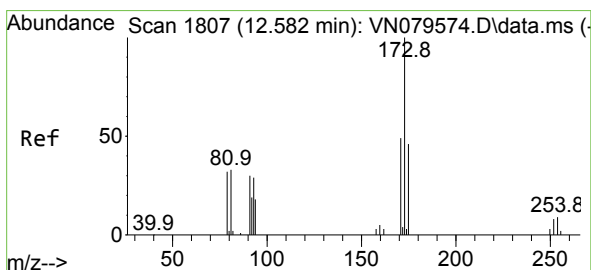
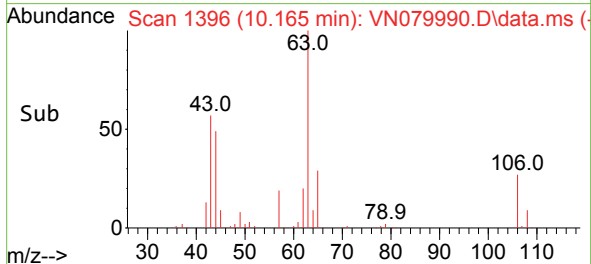
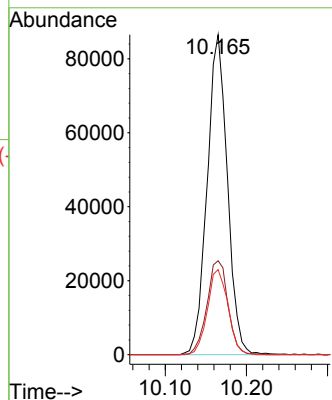
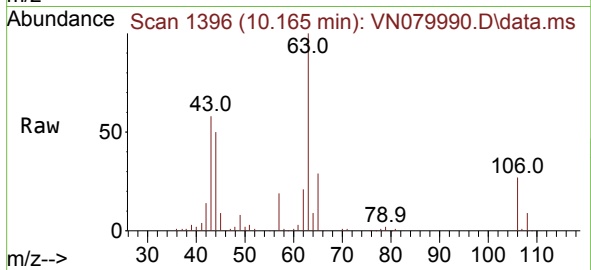




#55
2-Chloroethyl vinyl ether
Concen: 43.972 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

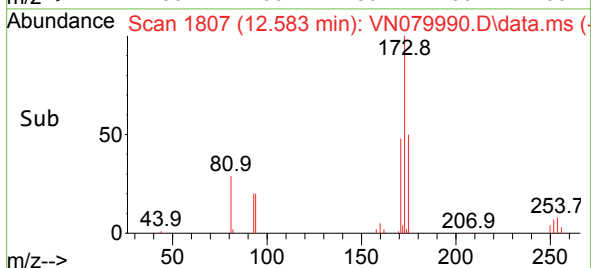
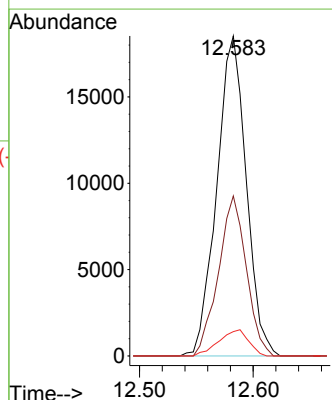
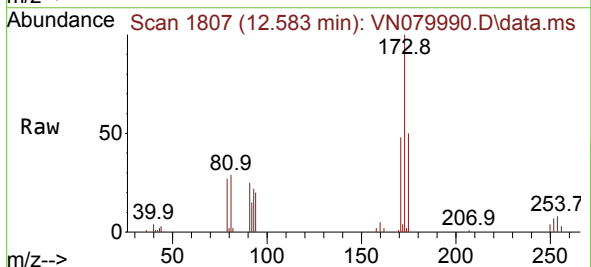
Instrument :
MSVOA_N
ClientSampleId :

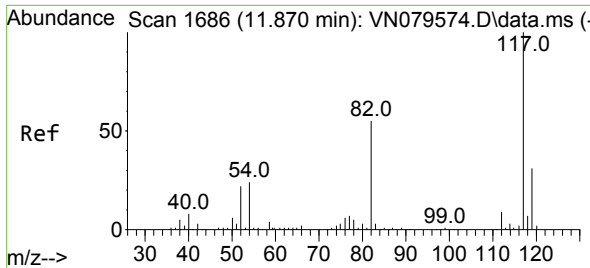
Tgt Ion: 63 Resp: 149773
Ion Ratio Lower Upper
63 100
65 30.5 25.9 38.9
106 27.0 20.6 30.8



#56
Bromoform
Concen: 9.234 ug/l
RT: 12.583 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion:173 Resp: 33354
Ion Ratio Lower Upper
173 100
175 47.3 37.9 56.9
254 8.3 7.3 10.9

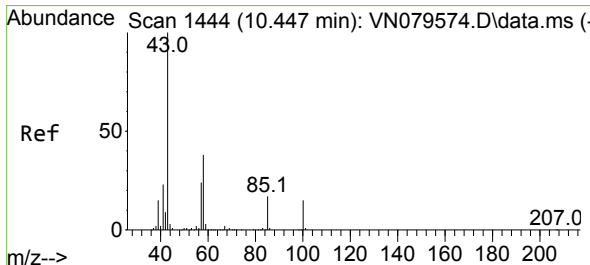
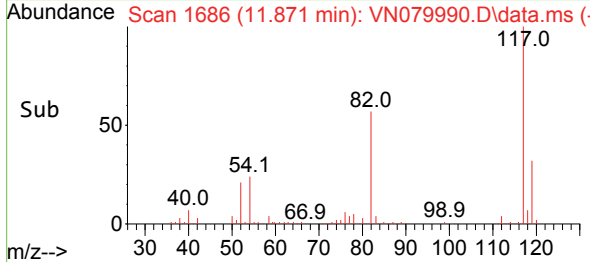
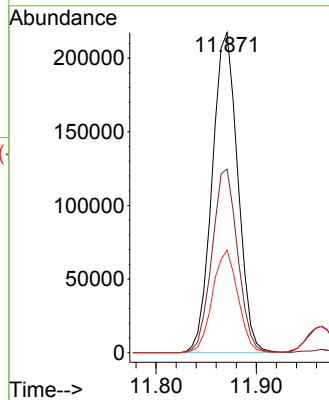
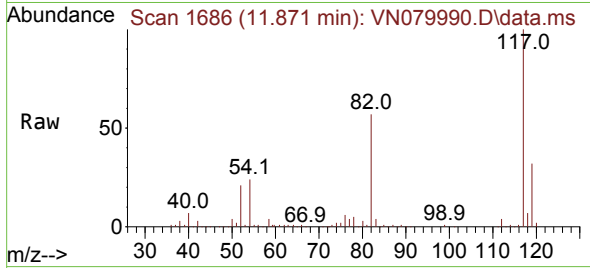




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

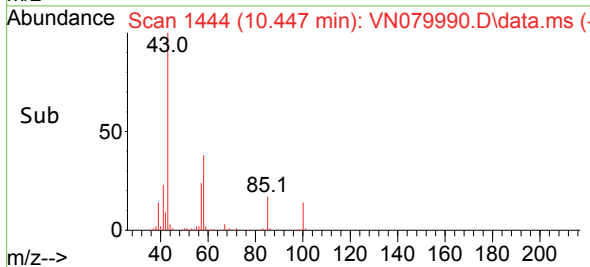
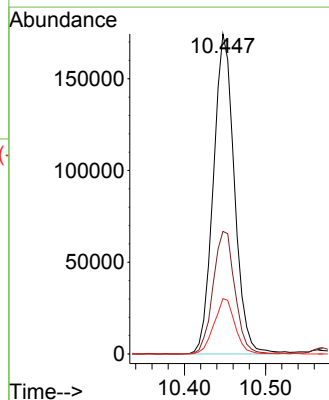
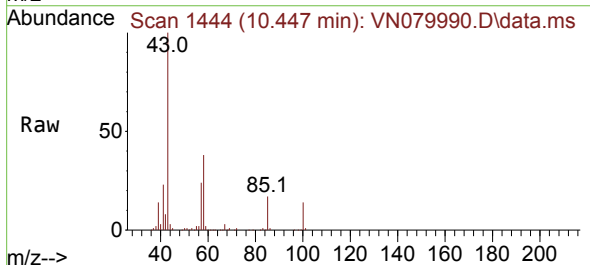
Instrument :
MSVOA_N
ClientSampleId :

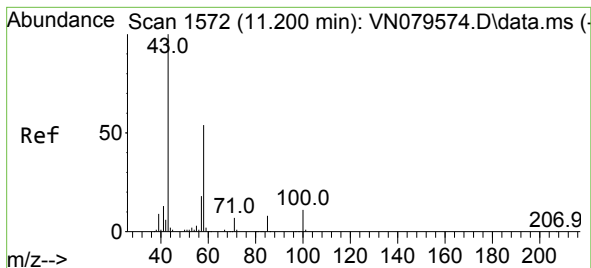
Tgt Ion:117 Resp: 385808
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.2
119 31.9 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 48.843 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 43 Resp: 314820
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6
85 17.2 13.2 19.8

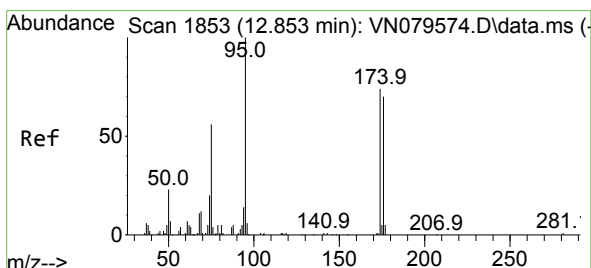
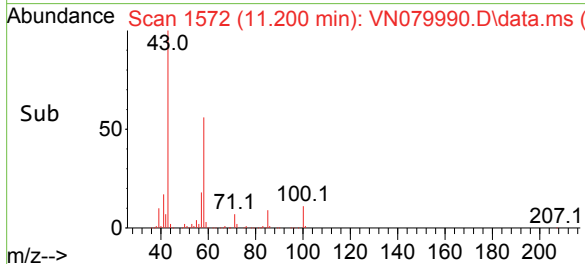
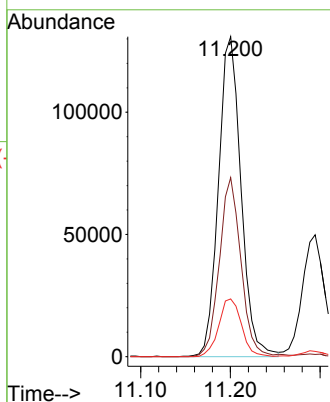
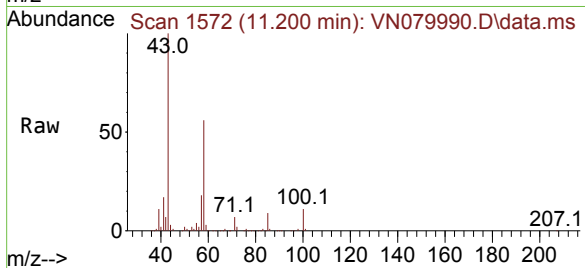




#59
2-Hexanone
Concen: 46.548 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

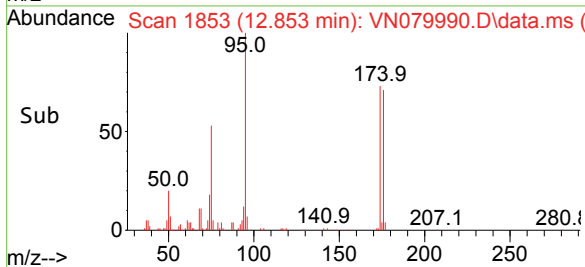
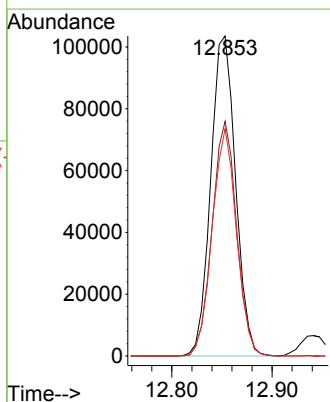
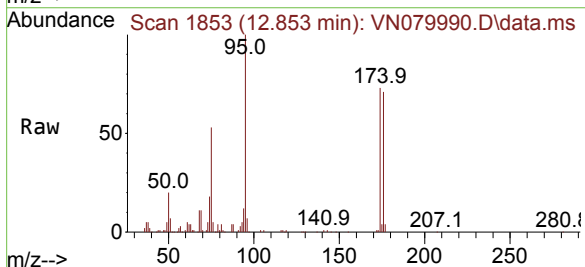
Instrument :
MSVOA_N
ClientSampleId :

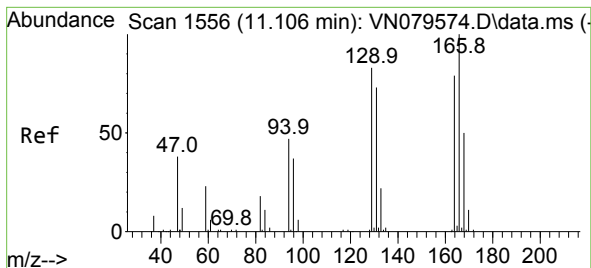
Tgt Ion: 43 Resp: 228550
Ion Ratio Lower Upper
43 100
58 53.4 42.3 63.5
57 18.2 13.9 20.9



#60
4-Bromofluorobenzene
Concen: 28.799 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 95 Resp: 177683
Ion Ratio Lower Upper
95 100
174 72.3 60.5 90.7
176 69.4 57.2 85.8





#61

Tetrachloroethene

Concen: 9.876 ug/l

RT: 11.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:164 Resp: 44670

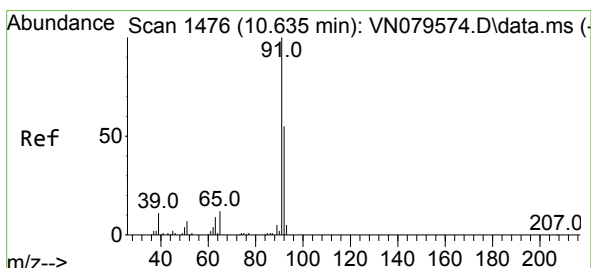
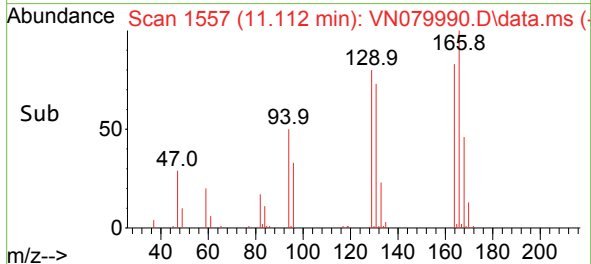
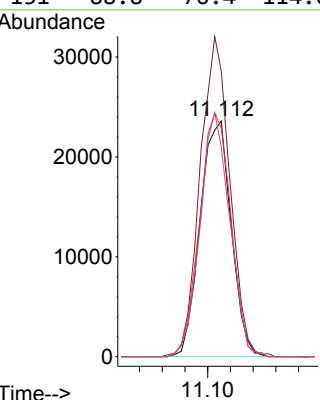
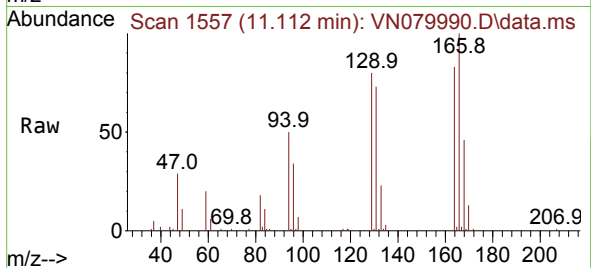
Ion Ratio Lower Upper

164 100

166 120.4 98.2 147.4

129 97.1 75.0 112.4

131 88.8 76.4 114.6



#62

Toluene

Concen: 9.581 ug/l

RT: 10.636 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079990.D

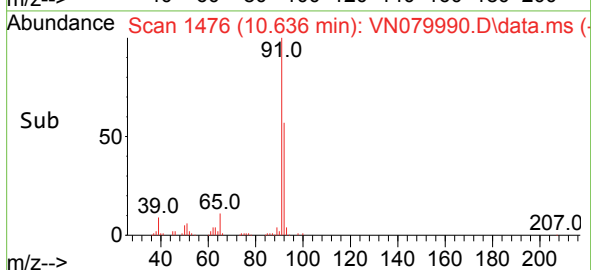
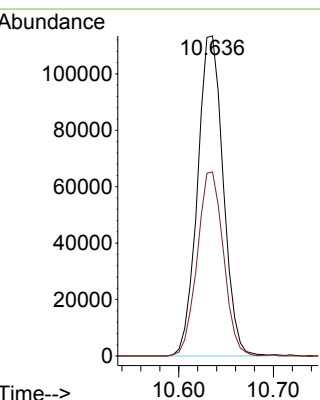
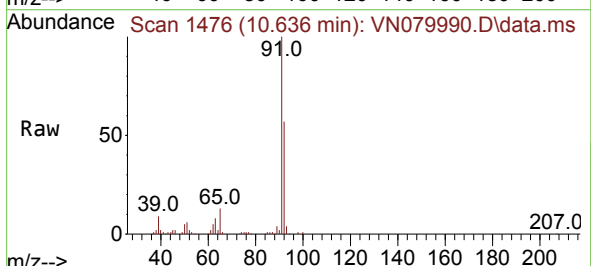
Acq: 08 Nov 2023 13:57

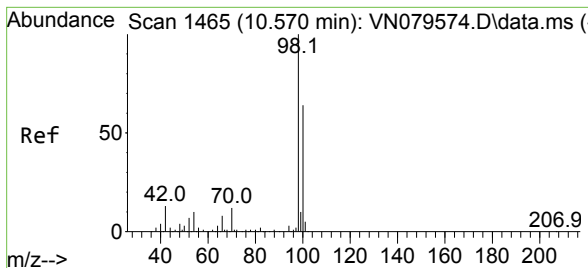
Tgt Ion: 91 Resp: 213796

Ion Ratio Lower Upper

91 100

92 58.4 45.3 67.9





#63

Toluene-d8

Concen: 29.983 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

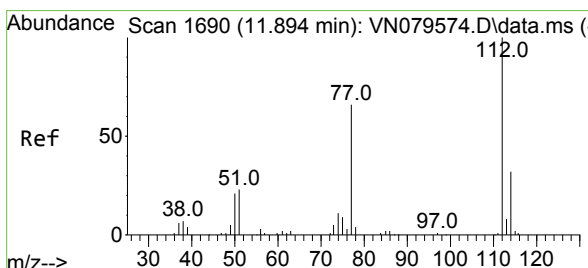
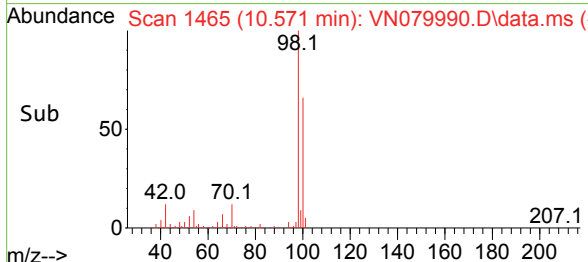
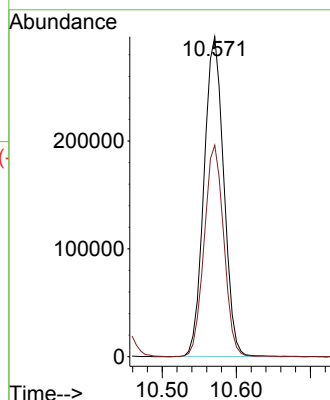
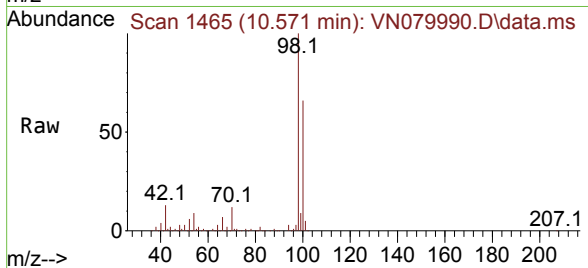
ClientSampleId :

Tgt Ion: 98 Resp: 548105

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



#64

Chlorobenzene

Concen: 9.607 ug/l

RT: 11.894 min Scan# 1690

Delta R.T. 0.000 min

Lab File: VN079990.D

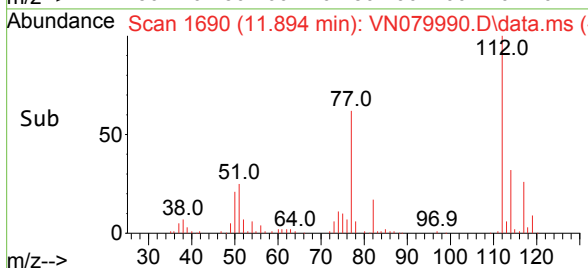
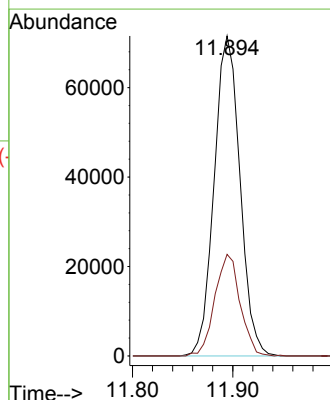
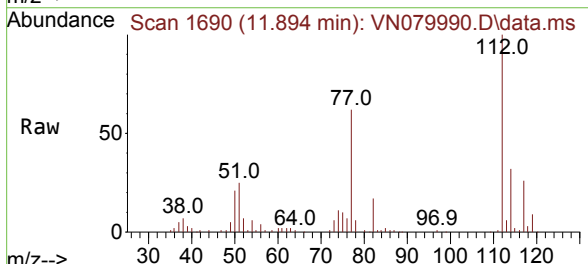
Acq: 08 Nov 2023 13:57

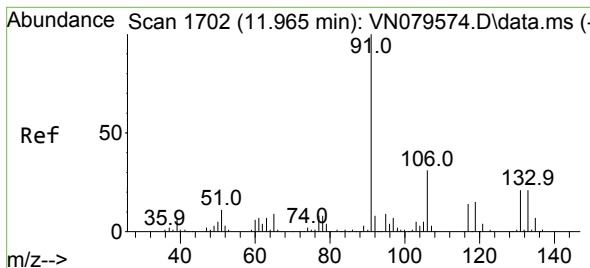
Tgt Ion: 112 Resp: 127923

Ion Ratio Lower Upper

112 100

114 31.7 28.1 42.1

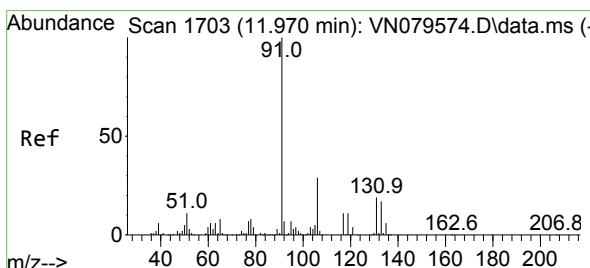
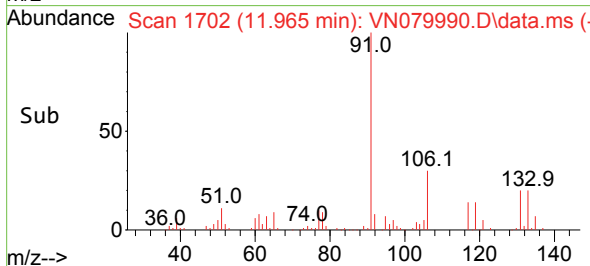
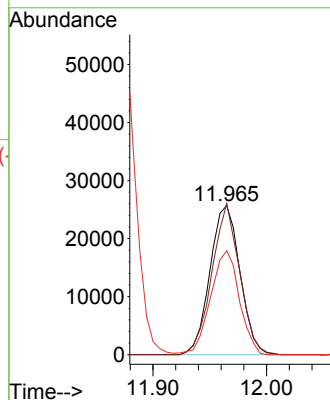
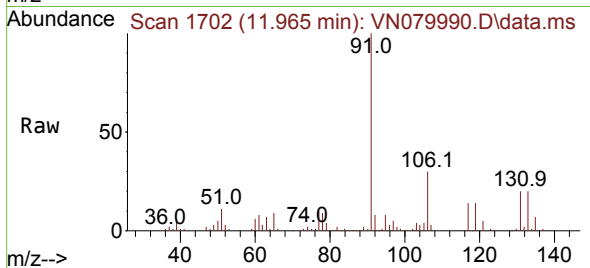




#65
 1,1,1,2-Tetrachloroethane
 Concen: 9.651 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

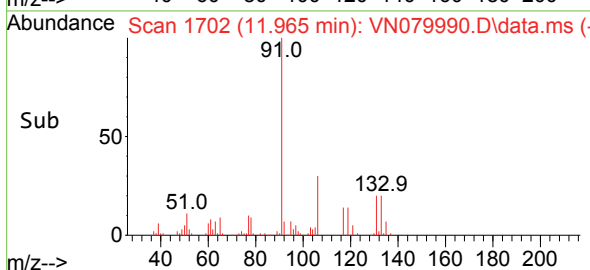
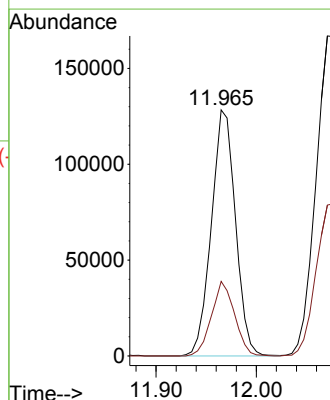
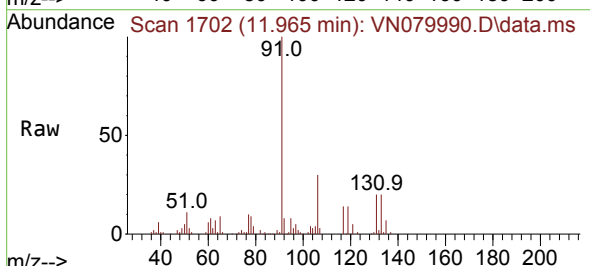
Instrument :
 MSVOA_N
 ClientSampleId :

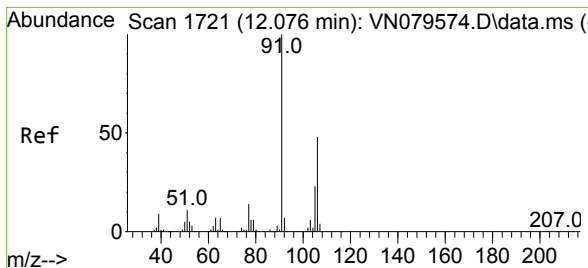
Tgt Ion:131 Resp: 47141
 Ion Ratio Lower Upper
 131 100
 133 93.7 0.0 196.0
 119 66.9 0.0 135.6



#66
 Ethyl Benzene
 Concen: 9.158 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.005 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

Tgt Ion: 91 Resp: 214742
 Ion Ratio Lower Upper
 91 100
 106 30.3 23.8 35.8

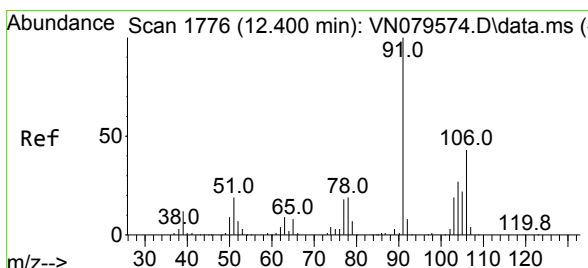
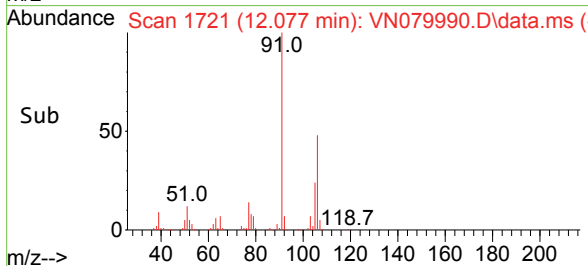
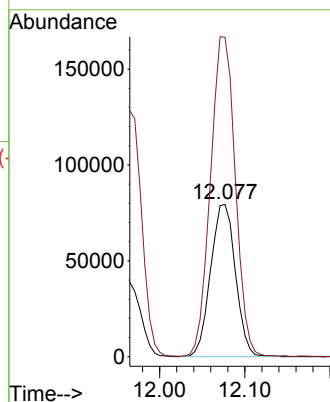
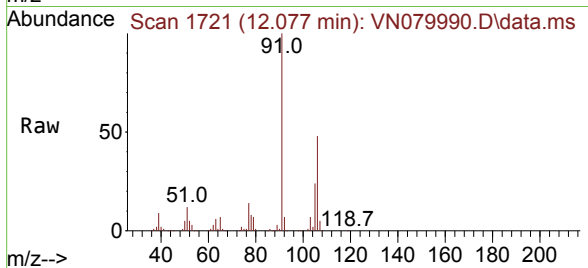




#67
m/p-Xylenes
Concen: 18.425 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

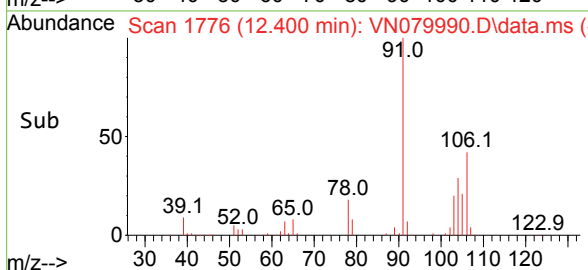
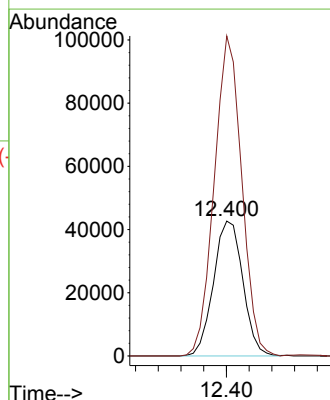
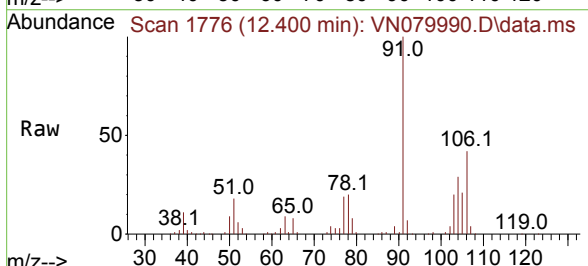
Instrument :
MSVOA_N
ClientSampleId :

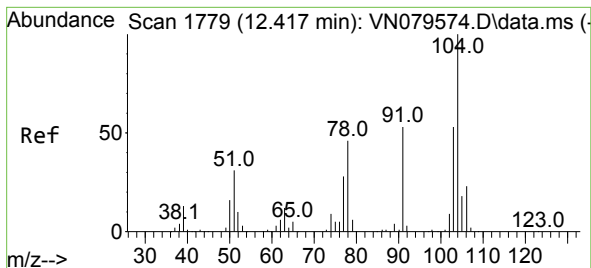
Tgt Ion:106 Resp: 160841
Ion Ratio Lower Upper
106 100
91 210.6 161.8 242.6



#68
o-Xylene
Concen: 9.138 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion:106 Resp: 76463
Ion Ratio Lower Upper
106 100
91 222.6 109.9 329.7





#69

Styrene

Concen: 8.804 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

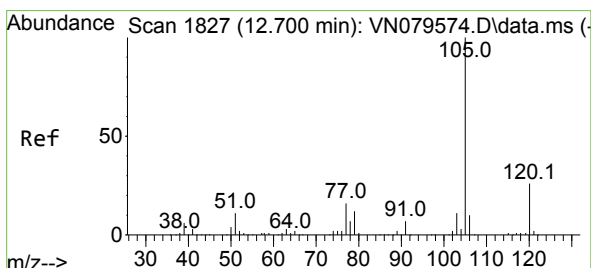
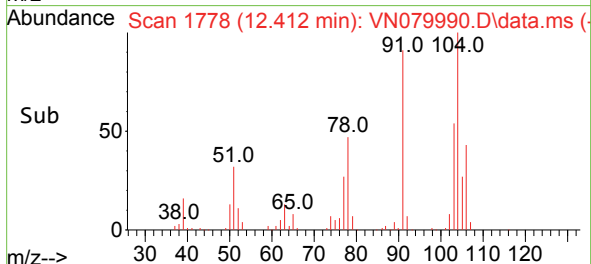
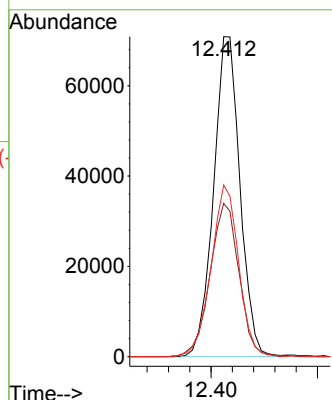
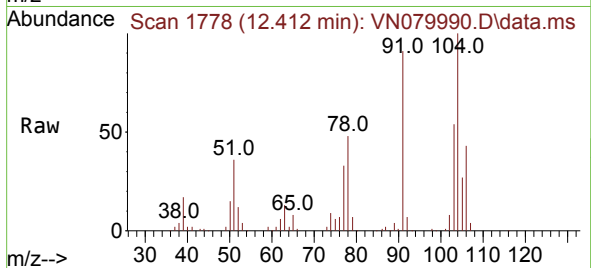
Tgt Ion:104 Resp: 121948

Ion Ratio Lower Upper

104 100

78 52.3 41.2 61.8

103 55.9 43.1 64.7



#70

Isopropylbenzene

Concen: 9.089 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079990.D

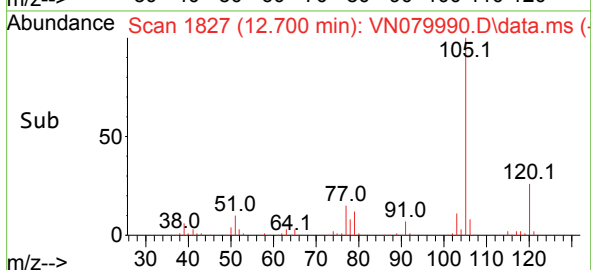
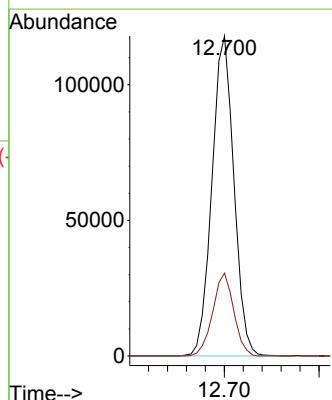
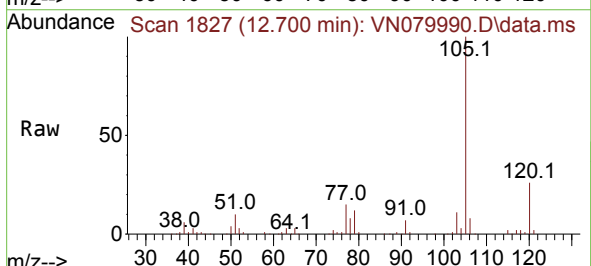
Acq: 08 Nov 2023 13:57

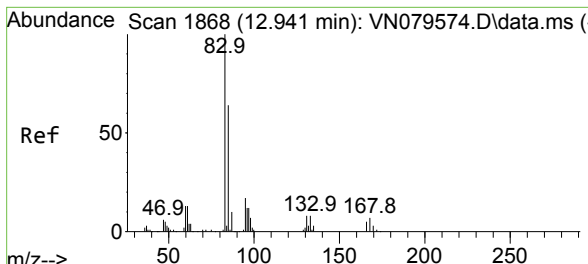
Tgt Ion:105 Resp: 189698

Ion Ratio Lower Upper

105 100

120 24.8 18.1 33.5

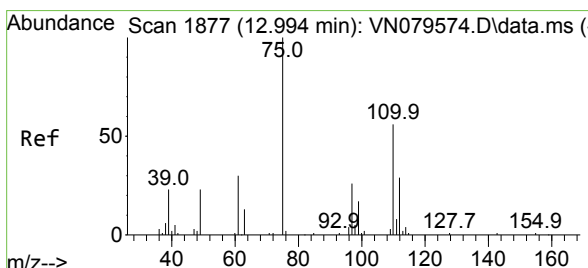
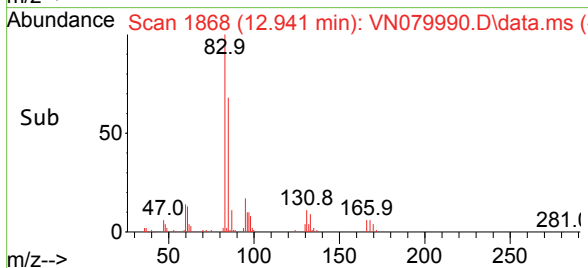
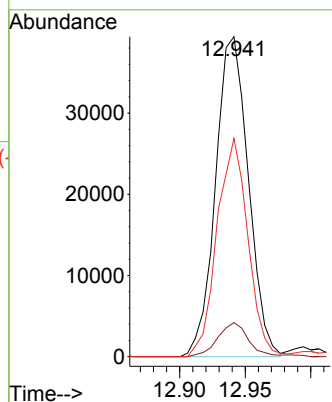
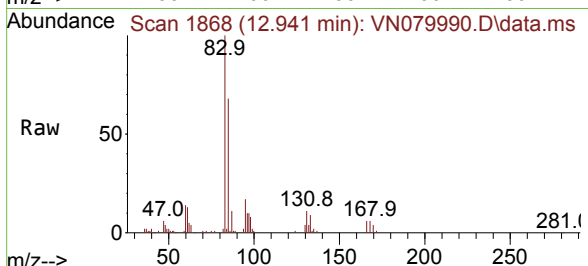




#71
 1,1,2,2-Tetrachloroethane
 Concen: 9.649 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

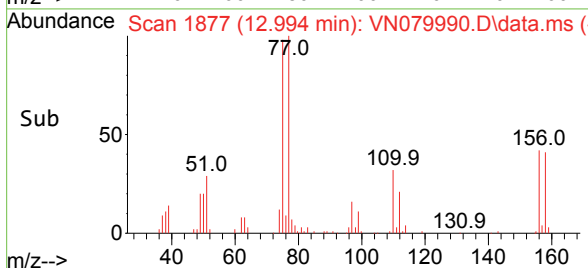
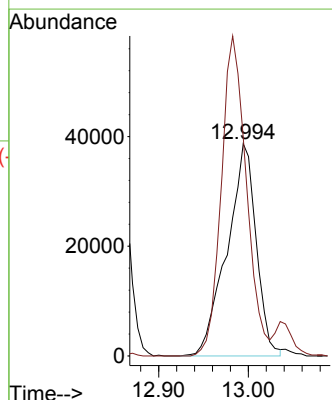
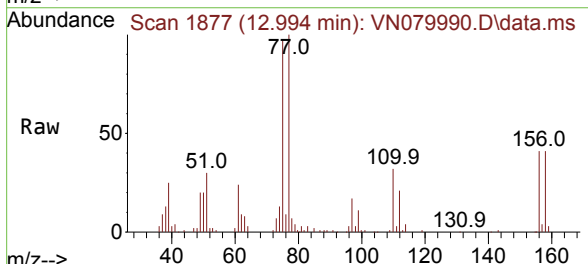
Instrument :
 MSVOA_N
 ClientSampleId :

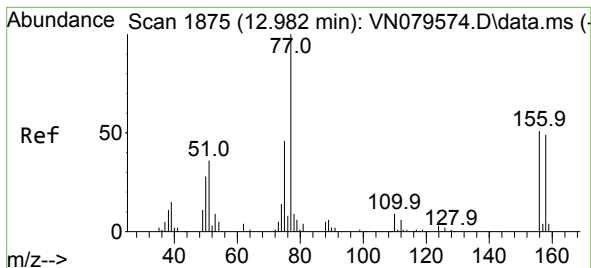
Tgt Ion: 83 Resp: 68592
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.5 13.4
 85 64.2 32.1 96.3



#72
 1,2,3-Trichloropropane
 Concen: 9.589 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079990.D
 Acq: 08 Nov 2023 13:57

Tgt Ion: 75 Resp: 87323
 Ion Ratio Lower Upper
 75 100
 77 129.8 0.0 338.2





#73

Bromobenzene

Concen: 9.408 ug/l

RT: 12.983 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079990.D

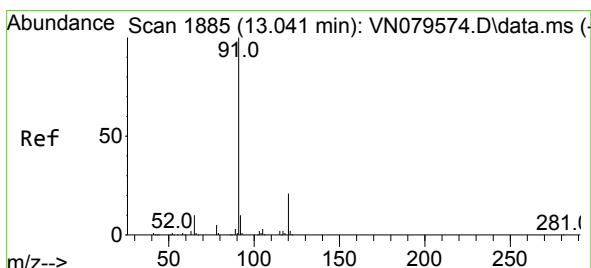
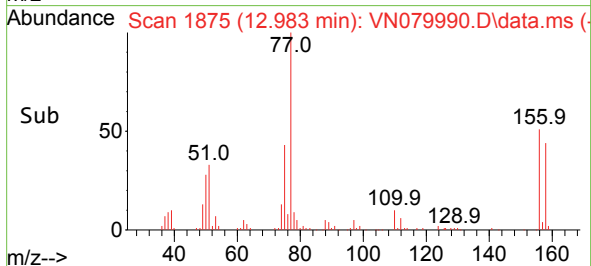
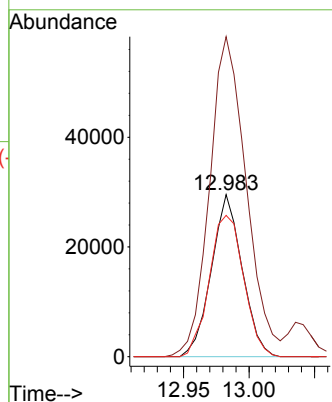
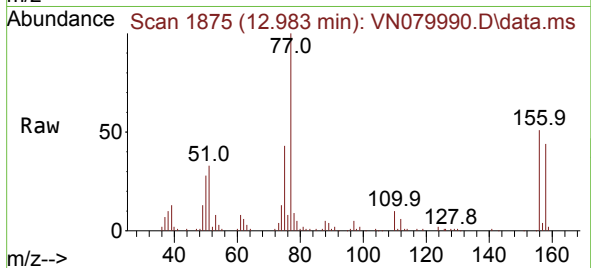
Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	48275
Ion Ratio	Lower	Upper	
156	100		
77	234.8	0.0	448.2
158	97.2	0.0	194.8



#74

n-propylbenzene

Concen: 8.851 ug/l

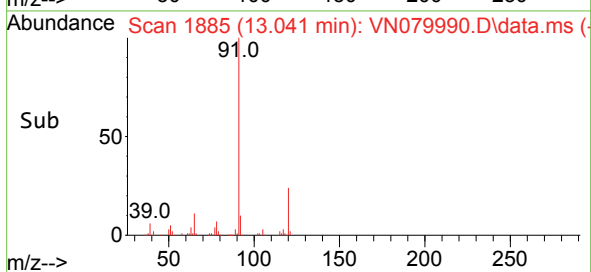
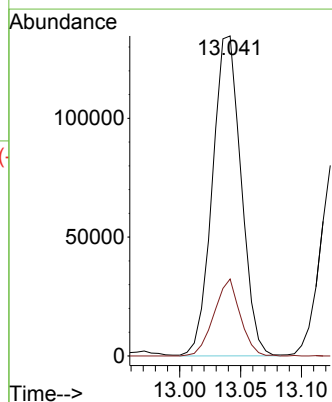
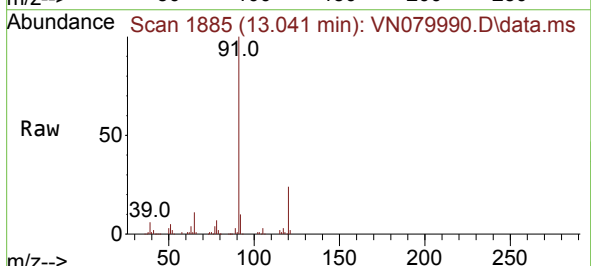
RT: 13.041 min Scan# 1885

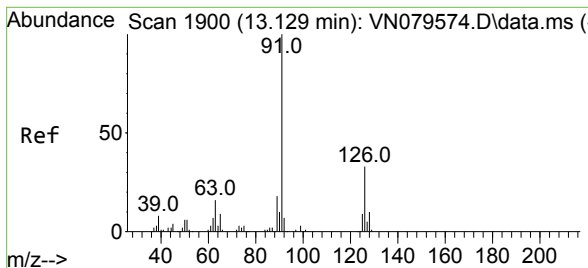
Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Tgt Ion:	91	Resp:	220989
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	42.0





#75

2-Chlorotoluene

Concen: 9.193 ug/l

RT: 13.130 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

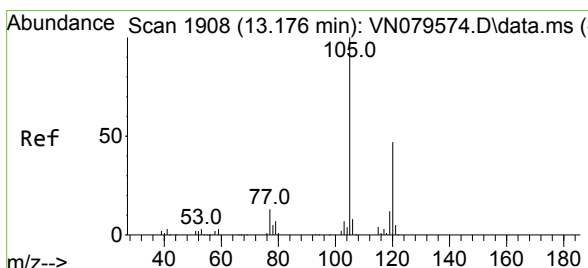
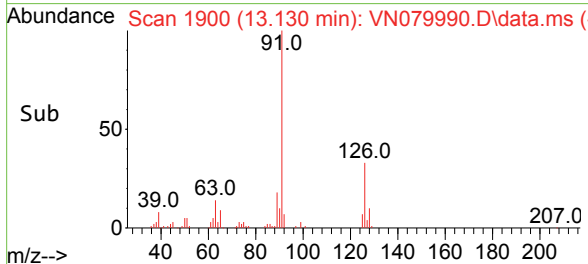
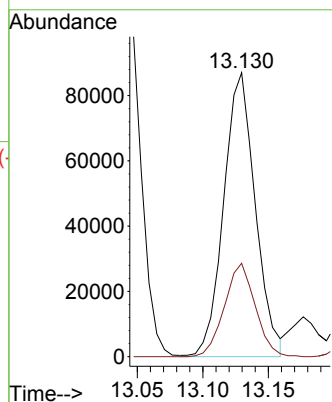
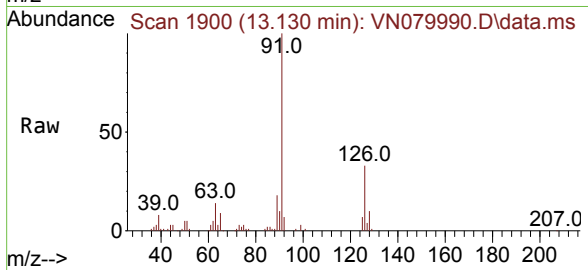
ClientSampleId :

Tgt Ion: 91 Resp: 145896

Ion Ratio Lower Upper

91 100

126 32.1 0.0 64.6



#76

1,3,5-Trimethylbenzene

Concen: 8.951 ug/l

RT: 13.177 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079990.D

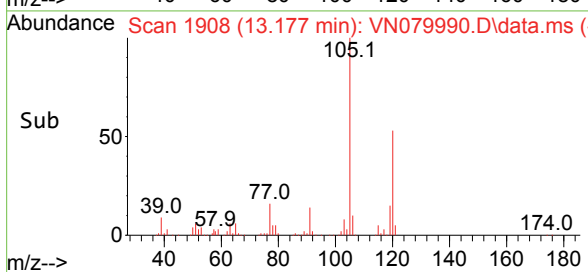
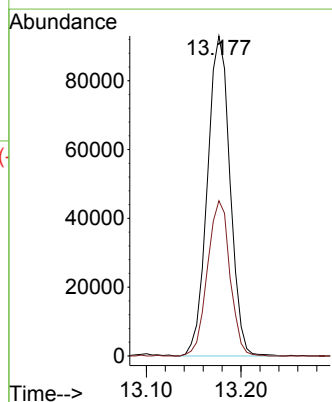
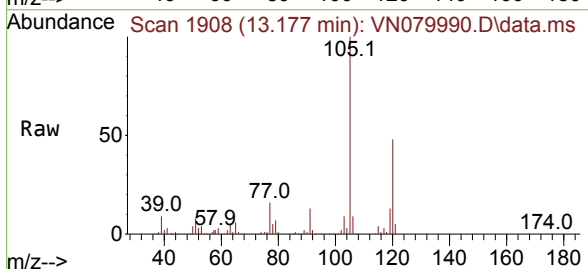
Acq: 08 Nov 2023 13:57

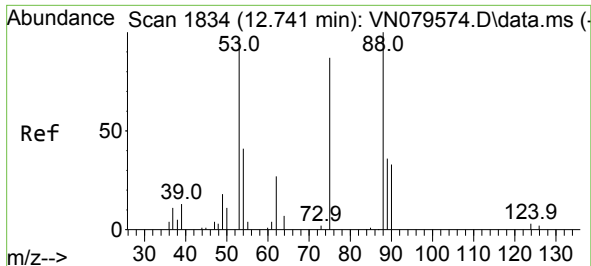
Tgt Ion: 105 Resp: 154525

Ion Ratio Lower Upper

105 100

120 48.1 0.0 93.2

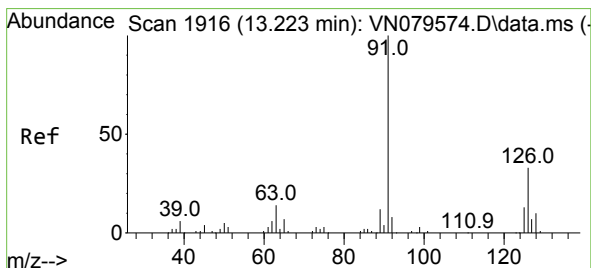
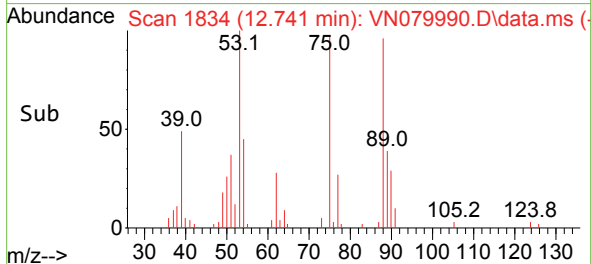
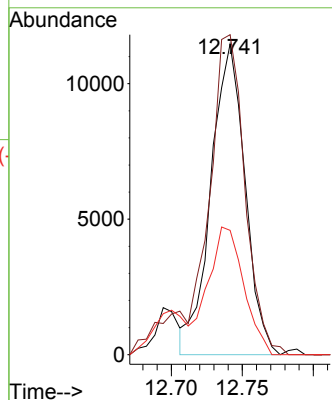
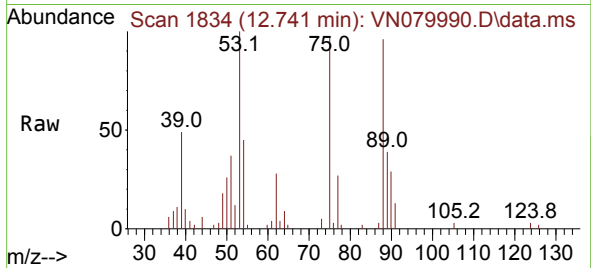




#77
t-1,4-Dichloro-2-butene
Concen: 8.850 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

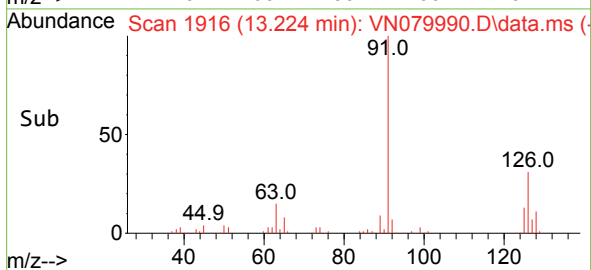
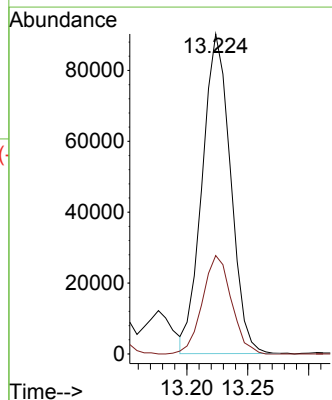
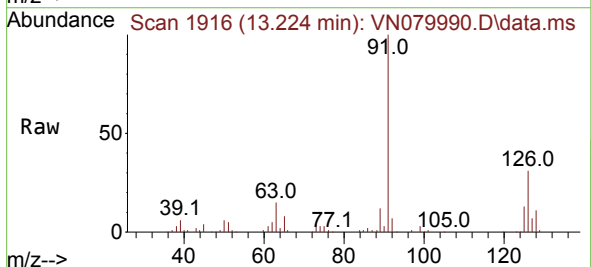
Instrument :
MSVOA_N
ClientSampleId :

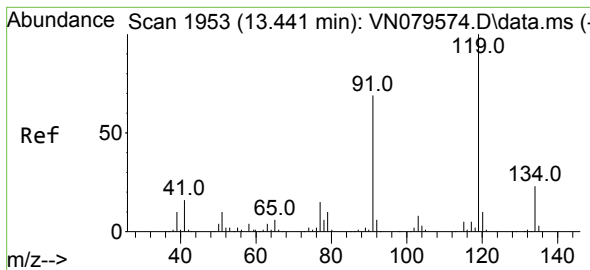
Tgt Ion: 75 Resp: 19141
Ion Ratio Lower Upper
75 100
53 100.4 53.0 159.1
89 40.0 22.6 67.7



#78
4-Chlorotoluene
Concen: 9.275 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 91 Resp: 146199
Ion Ratio Lower Upper
91 100
126 31.4 0.0 65.4

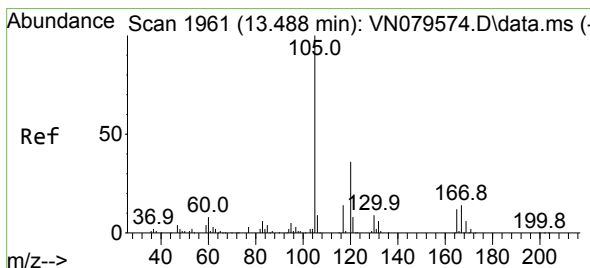
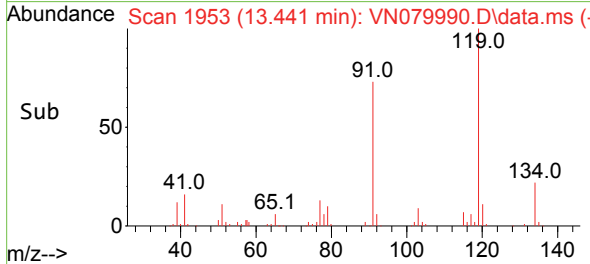
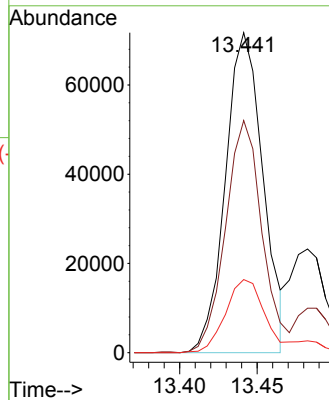
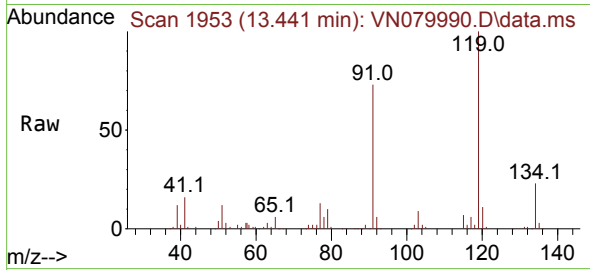




#79
tert-butylbenzene
Concen: 8.944 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

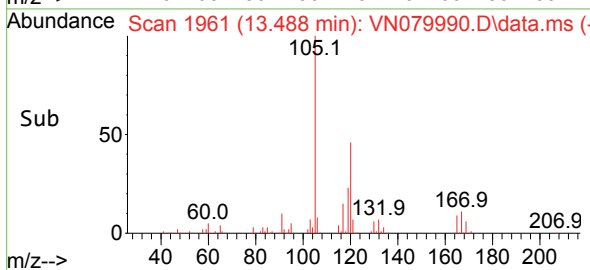
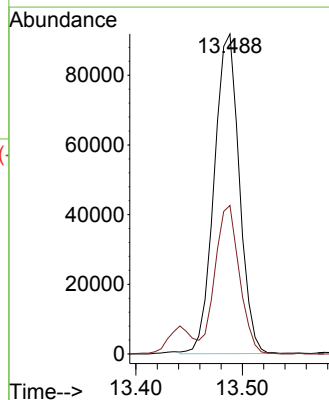
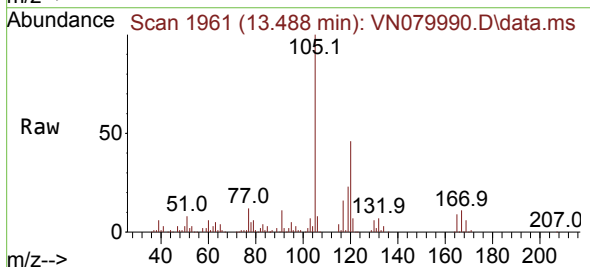
Instrument :
MSVOA_N
ClientSampleId :

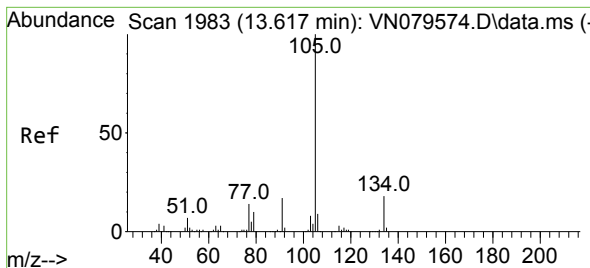
Tgt Ion:119 Resp: 120924
Ion Ratio Lower Upper
119 100
91 71.0 0.0 140.6
134 23.2 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 8.907 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion:105 Resp: 150782
Ion Ratio Lower Upper
105 100
120 44.9 0.0 88.6





#81

sec-Butylbenzene

Concen: 8.927 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

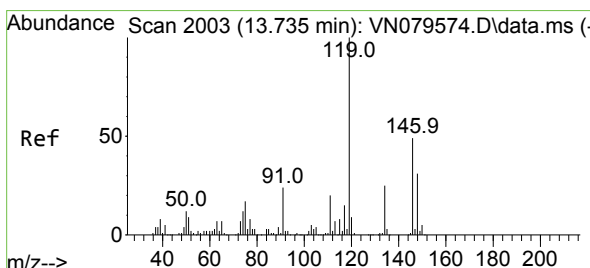
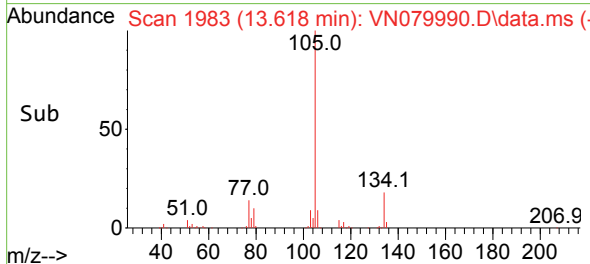
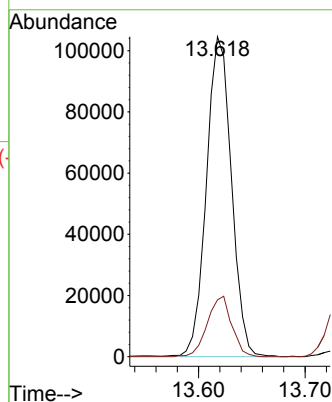
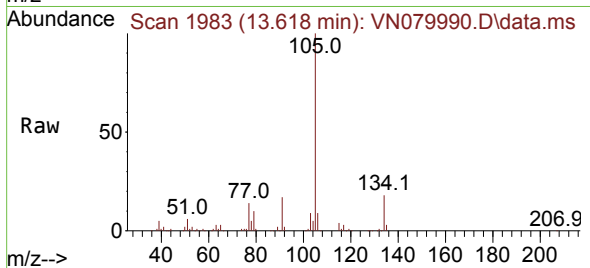
ClientSampleId :

Tgt Ion:105 Resp: 170373

Ion Ratio Lower Upper

105 100

134 18.4 0.0 38.2



#82

p-Isopropyltoluene

Concen: 8.634 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

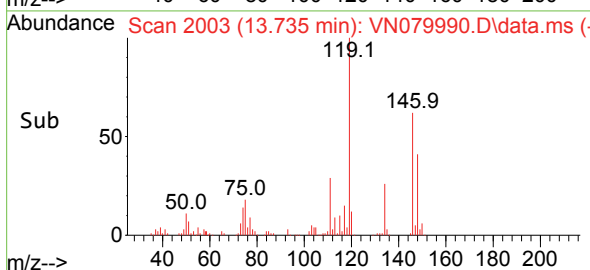
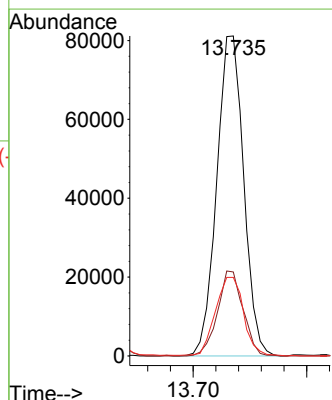
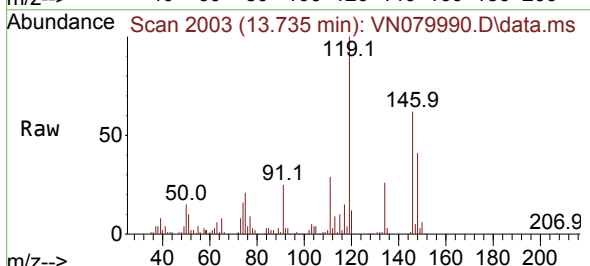
Tgt Ion:119 Resp: 133811

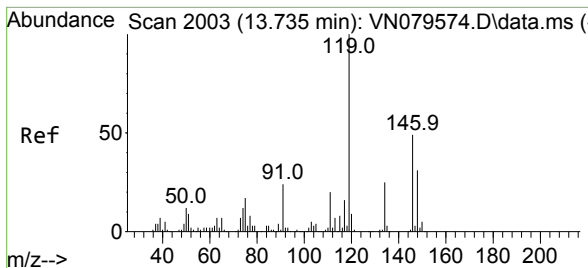
Ion Ratio Lower Upper

119 100

134 25.1 0.0 52.2

91 25.6 0.0 50.0





#83

1,3-Dichlorobenzene

Concen: 9.328 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

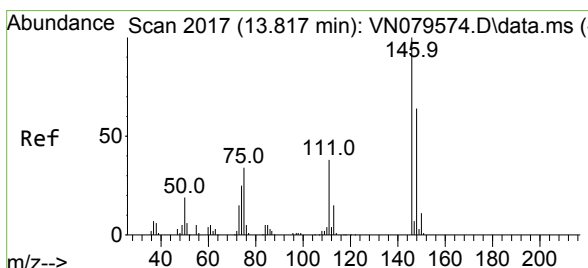
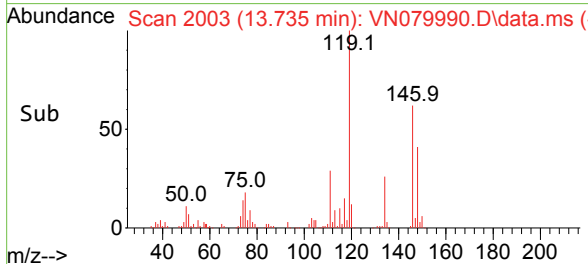
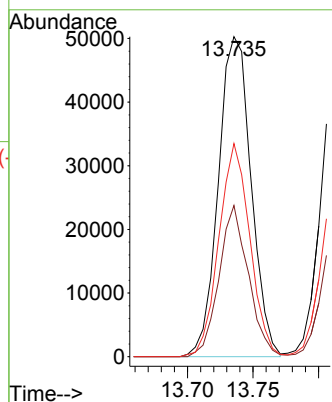
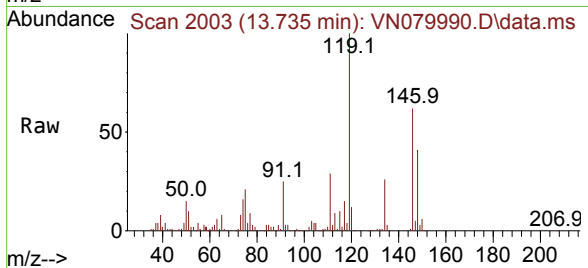
Tgt Ion:146 Resp: 87218

Ion Ratio Lower Upper

146 100

111 42.4 21.0 63.0

148 63.1 32.4 97.0



#84

1,4-Dichlorobenzene

Concen: 9.455 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

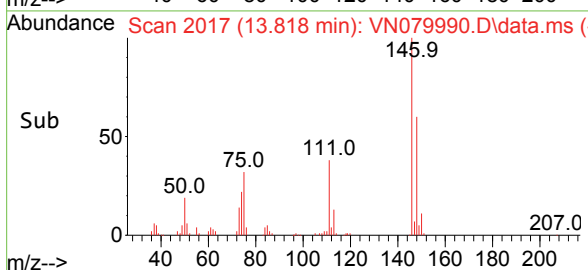
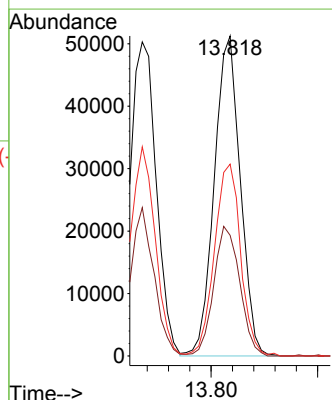
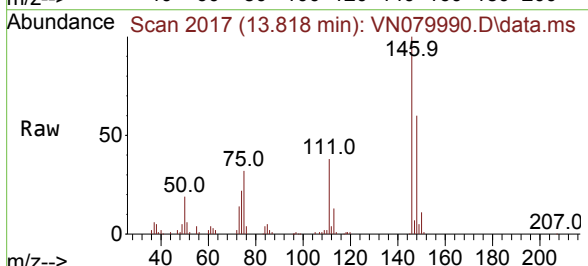
Tgt Ion:146 Resp: 86775

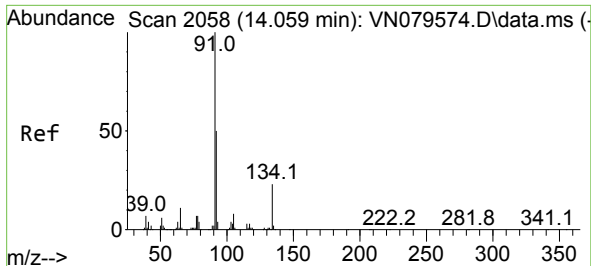
Ion Ratio Lower Upper

146 100

111 40.6 19.9 59.7

148 60.5 32.6 97.7

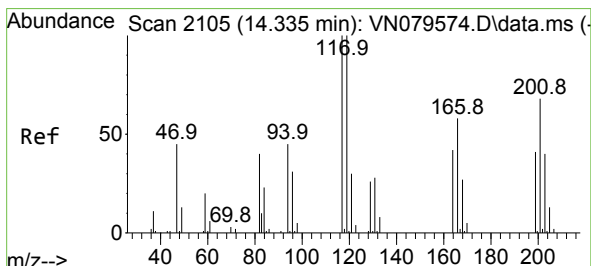
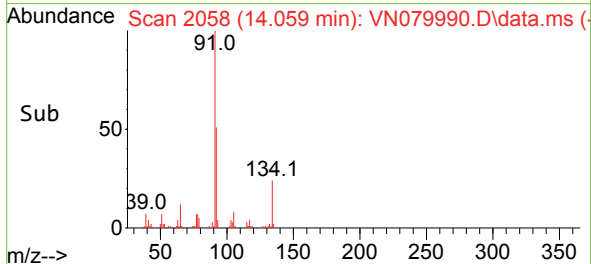
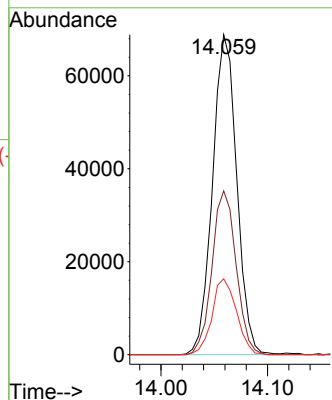
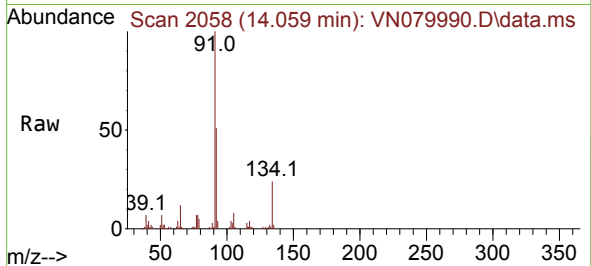




#85
n-Butylbenzene
Concen: 8.398 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

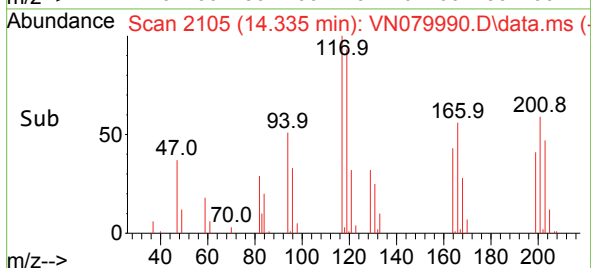
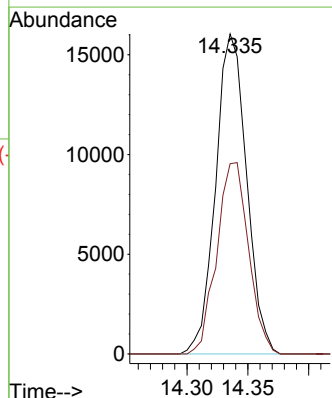
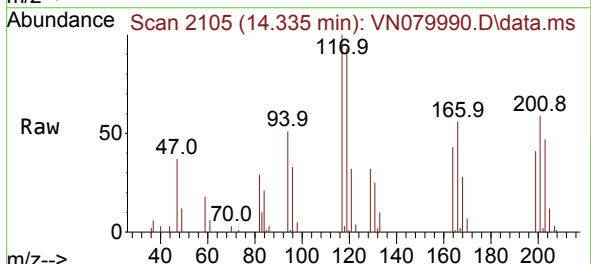
Instrument :
MSVOA_N
ClientSampleId :

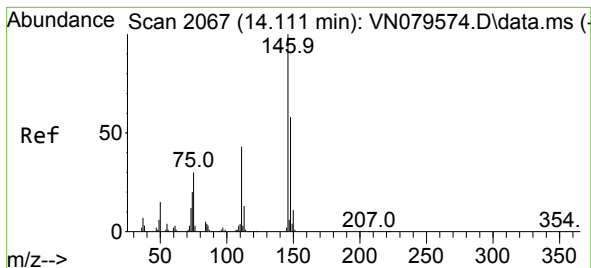
Tgt Ion: 91 Resp: 108865
Ion Ratio Lower Upper
91 100
92 50.9 0.0 99.6
134 23.9 0.0 46.2



#86
Hexachloroethane
Concen: 9.429 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion: 117 Resp: 28416
Ion Ratio Lower Upper
117 100
201 61.3 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 9.118 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

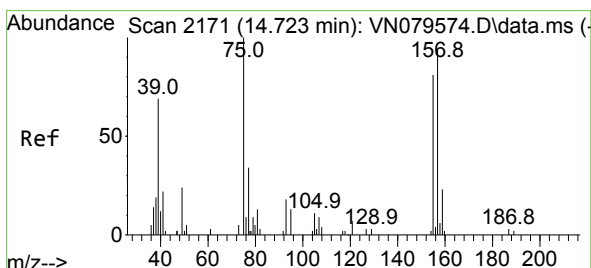
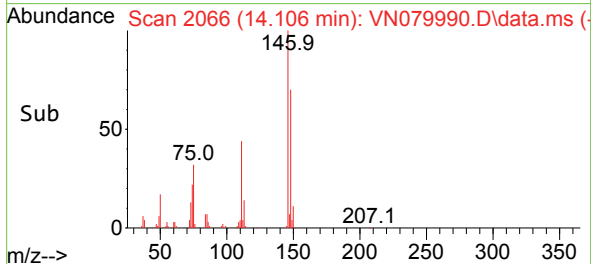
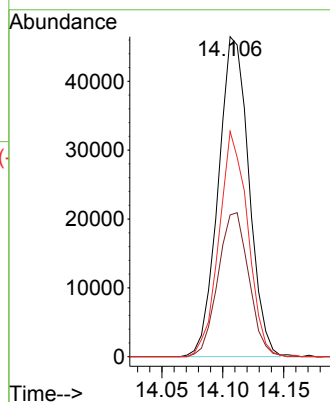
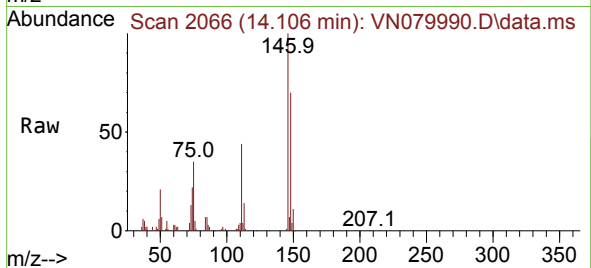
Tgt Ion:146 Resp: 81448

Ion Ratio Lower Upper

146 100

111 45.3 22.0 66.0

148 66.0 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 9.452 ug/l

RT: 14.724 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

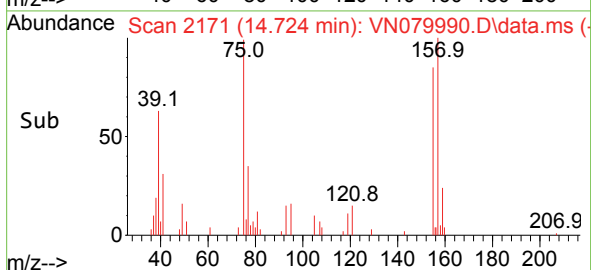
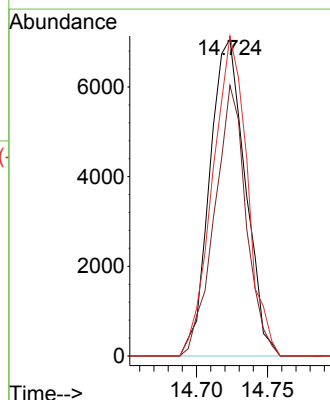
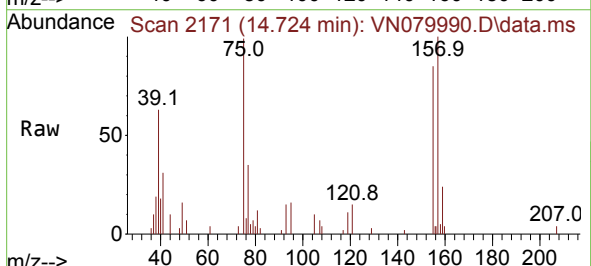
Tgt Ion: 75 Resp: 12288

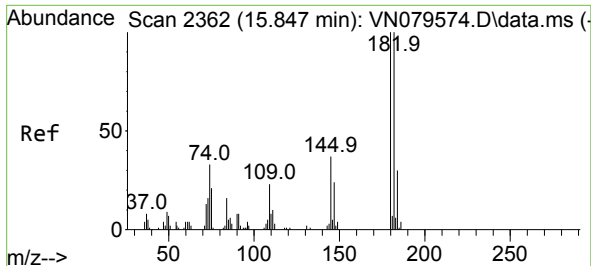
Ion Ratio Lower Upper

75 100

155 76.0 60.7 91.1

157 98.6 76.8 115.2

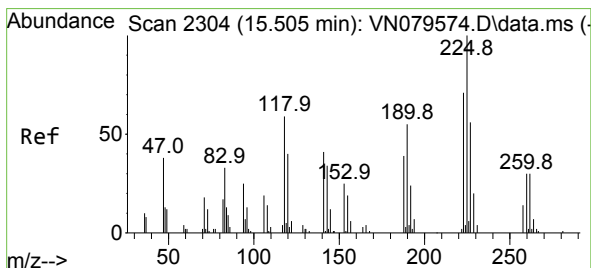
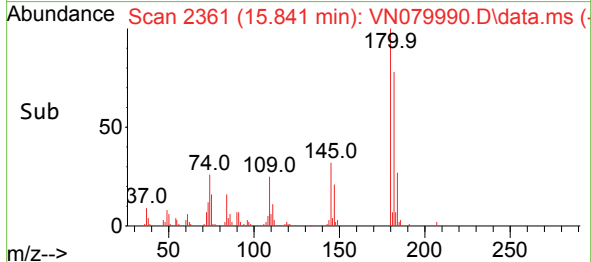
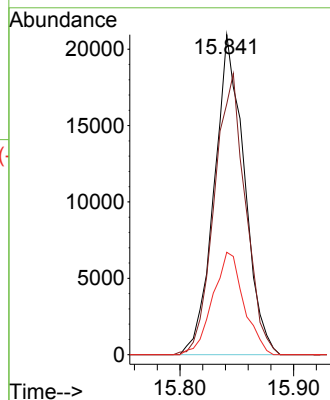
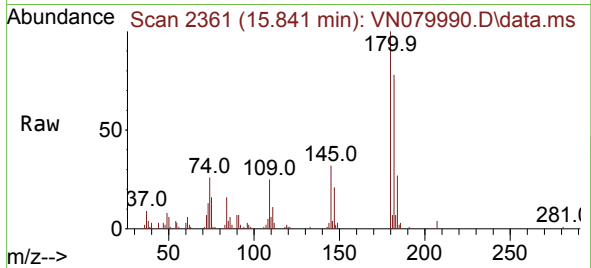




#89
1,2,4-Trichlorobenzene
Concen: 9.305 ug/l
RT: 15.841 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

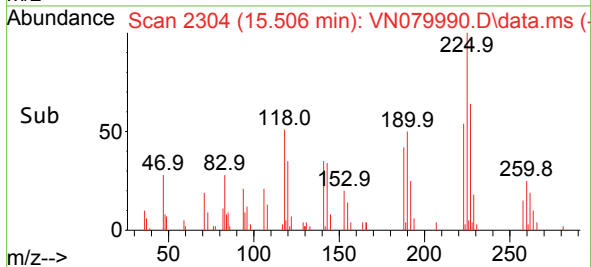
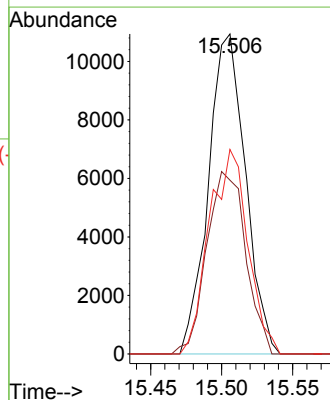
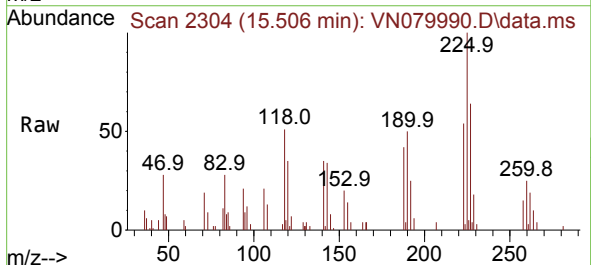
Instrument :
MSVOA_N
ClientSampleId :

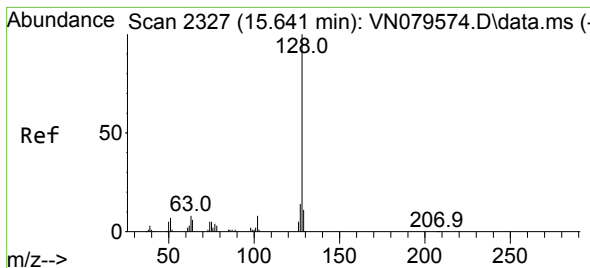
Tgt Ion:180 Resp: 38505
Ion Ratio Lower Upper
180 100
182 90.8 74.2 111.4
145 33.1 25.4 38.2



#90
Hexachlorobutadiene
Concen: 9.749 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079990.D
Acq: 08 Nov 2023 13:57

Tgt Ion:225 Resp: 19883
Ion Ratio Lower Upper
225 100
223 59.9 0.0 126.0
227 66.6 0.0 127.0





#91

Naphthalene

Concen: 8.668 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

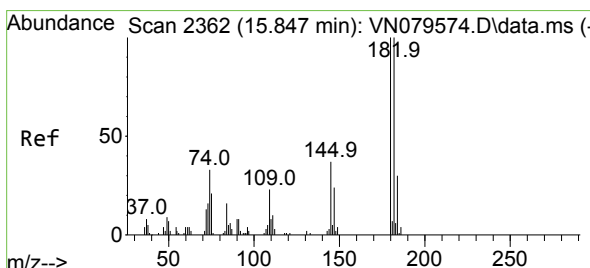
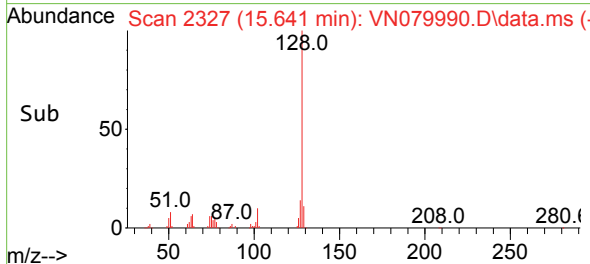
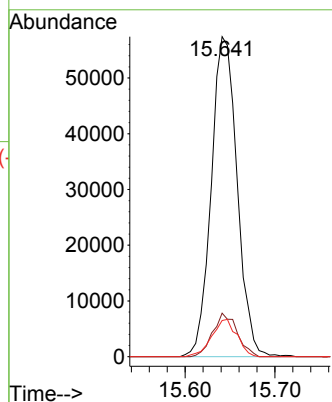
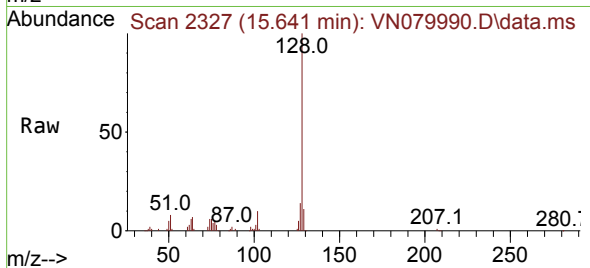
Tgt Ion:128 Resp: 115119

Ion Ratio Lower Upper

128 100

127 12.9 10.9 16.3

129 11.3 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 9.305 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.005 min

Lab File: VN079990.D

Acq: 08 Nov 2023 13:57

Tgt Ion:180 Resp: 38505

Ion Ratio Lower Upper

180 100

182 90.8 0.0 185.6

145 33.1 0.0 63.6

