

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079491.D
 Acq On : 10 Oct 2023 14:24
 Operator : JC\MD
 Sample : 04813-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:18:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	265913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	541776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	552848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	224982	52.181	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.360%
35) Dibromofluoromethane	8.171	113	196703	50.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	10.571	98	666108	47.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.560%
62) 4-Bromofluorobenzene	12.853	95	256064	56.639	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.280%
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	1166	0.245	ug/l #	42
5) Bromomethane	2.971	94	919	0.310	ug/l	87
11) Tert butyl alcohol	5.536	59	3558	5.483	ug/l #	83
13) Acrolein	4.200	56	355	0.549	ug/l #	63
16) Acetone	4.436	43	58633	34.286	ug/l	93
18) Methyl Acetate	5.036	43	4018	0.480	ug/l #	60
20) Methylene Chloride	5.283	84	19448	4.647	ug/l #	82
25) 2-Butanone	7.506	43	10178	4.010	ug/l #	60
31) Cyclohexane	8.230	56	8725	1.427	ug/l #	64
36) 1,1-Dichloropropene	8.224	75	24154	4.134	ug/l #	47
37) Ethyl Acetate	7.583	43	5320	0.915	ug/l #	67
38) Carbon Tetrachloride	8.230	117	30131	5.151	ug/l #	15
39) Methylcyclohexane	9.612	83	1542	0.275	ug/l #	58
40) Benzene	8.612	78	1551290	89.391	ug/l	99
42) 1,2-Dichloroethane	8.606	62	15098	2.394	ug/l	76
43) Isopropyl Acetate	8.694	43	217208	21.323	ug/l #	78
45) 1,2-Dichloropropane	9.741	63	2478	0.542	ug/l #	45
48) Methyl methacrylate	9.671	41	7322	1.677	ug/l #	4
49) 1,4-Dioxane	9.741	88	211	2.624	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	16966	2.950	ug/l #	70
52) Toluene	10.635	92	1223190	119.742	ug/l	98
53) t-1,3-Dichloropropene	10.729	75	1353	0.220	ug/l #	42
54) cis-1,3-Dichloropropene	10.365	75	60605	9.018	ug/l #	73
55) 1,1,2-Trichloroethane	10.888	97	5859	1.429	ug/l #	20
57) 1,3-Dichloropropane	11.206	76	7845	1.108	ug/l #	43
59) 2-Hexanone	11.206	43	96215	23.187	ug/l #	49
67) Ethyl Benzene	11.971	91	201227	9.403	ug/l	96
68) m/p-Xylenes	12.070	106	425307	54.699	ug/l	93
69) o-Xylene	12.400	106	299578	39.177	ug/l	91
70) Styrene	12.418	104	141703	11.732	ug/l #	70
71) Bromoform	12.847	173	2217	0.672	ug/l #	1
73) Isopropylbenzene	12.700	105	8097	0.354	ug/l	96
74) N-amyl acetate	12.465	43	4035	0.430	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.935	83	190	Below Cal	#	62
76) 1,2,3-Trichloropropane	12.853	75	141759	19.987	ug/l #	1
78) n-propylbenzene	13.041	91	20593	0.795	ug/l	92

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

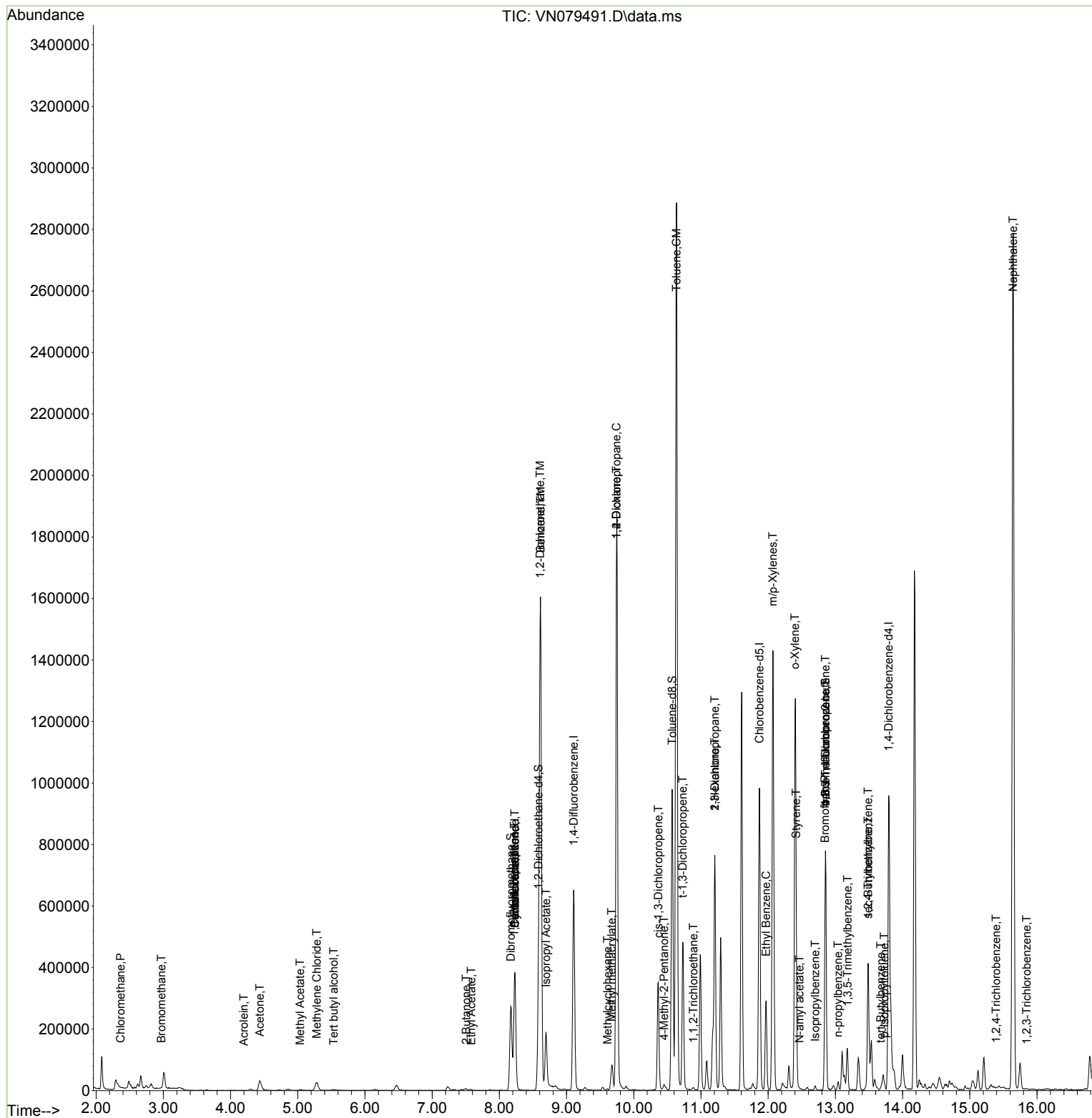
80) 1,3,5-Trimethylbenzene	13.182	105	72161	3.999	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	141759	57.992	ug/l #	15
83) tert-Butylbenzene	13.676	119	3962	0.268	ug/l	72
84) 1,2,4-Trimethylbenzene	13.488	105	236893	13.755	ug/l	96
85) sec-Butylbenzene	13.488	105	236893	11.487	ug/l #	57
86) p-Isopropyltoluene	13.729	119	4622	0.292	ug/l #	62
90) Hexachloroethane	14.276	117	2889	Below Cal	#	21
93) 1,2,4-Trichlorobenzene	15.394	180	1246	0.463	ug/l #	69
95) Naphthalene	15.647	128	2507890	305.440	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	1147	0.357	ug/l	85

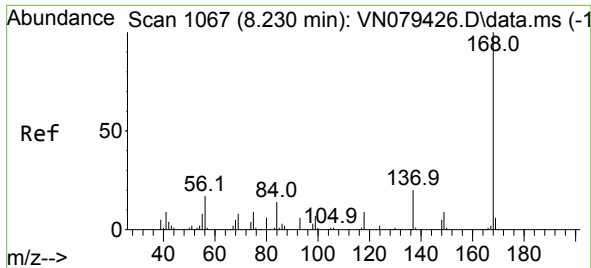
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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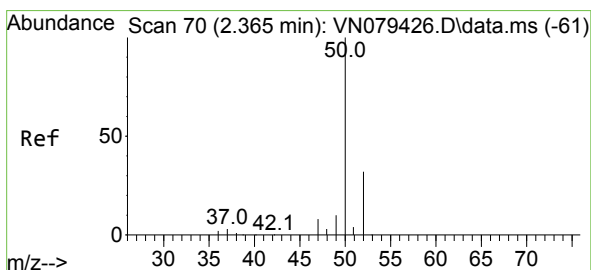
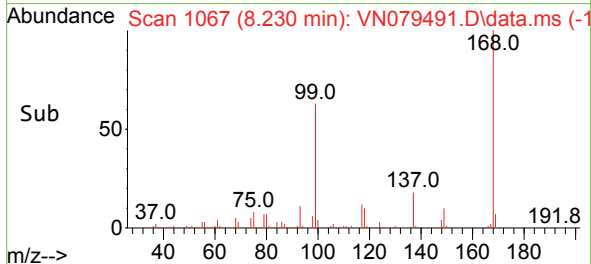
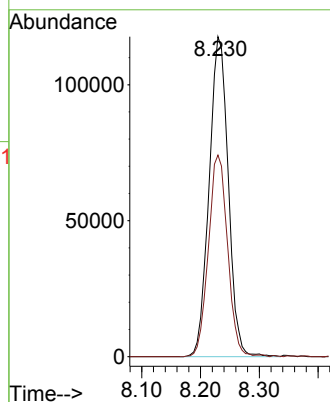
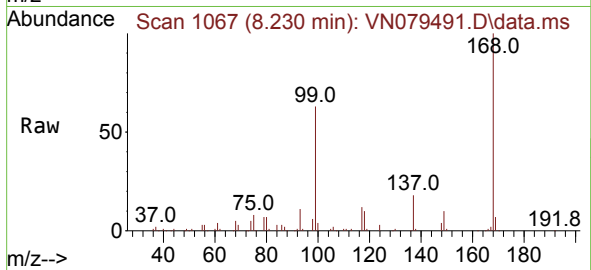




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079491.D
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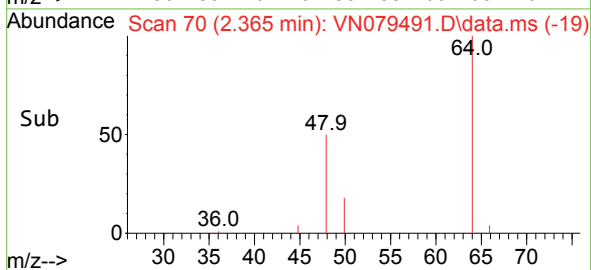
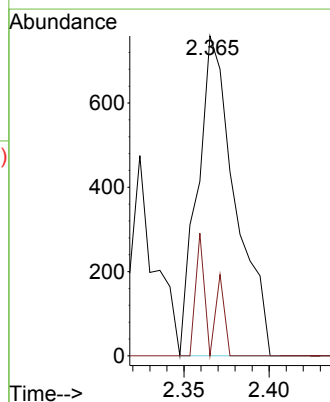
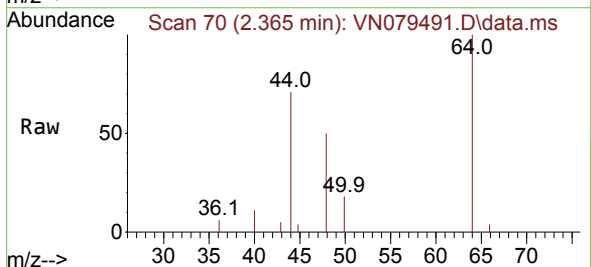
Instrument :
MSVOA_N
ClientSampleId :

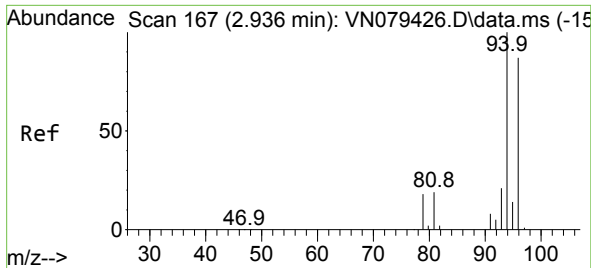
Tgt Ion:168 Resp: 265913
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#3
Chloromethane
Concen: 0.245 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 50 Resp: 1166
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

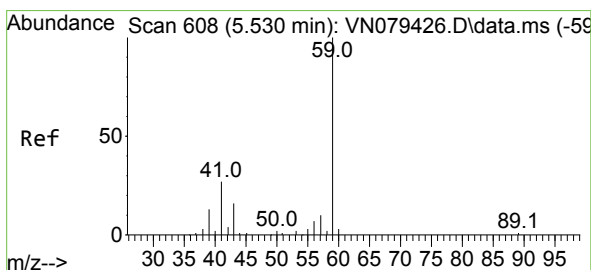
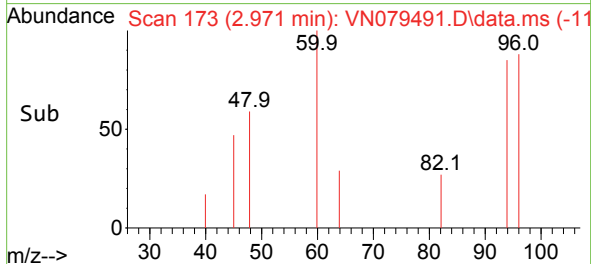
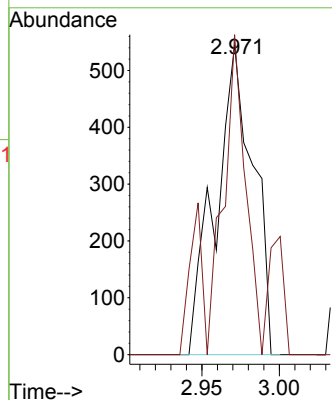
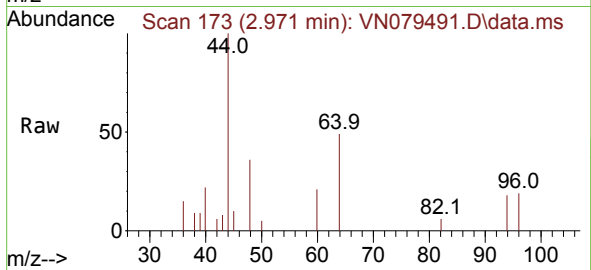




#5
Bromomethane
Concen: 0.310 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

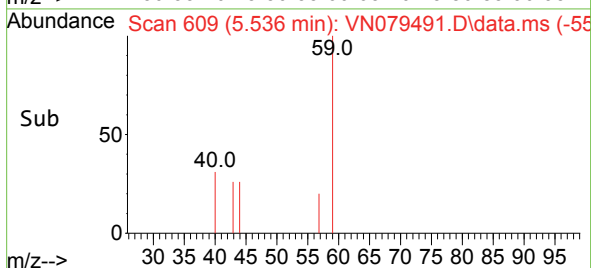
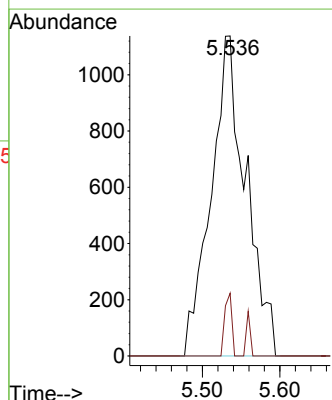
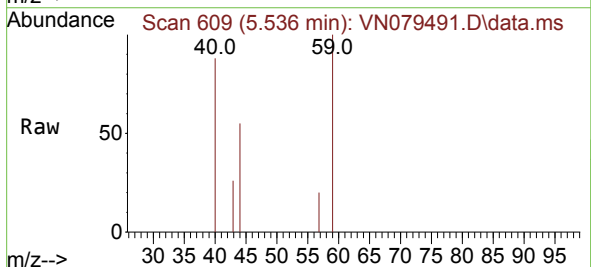
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MSVOA_N
ClientSampleId :

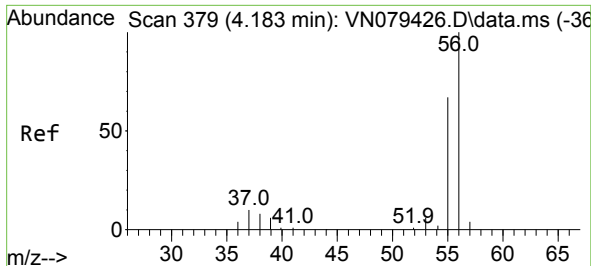
Tgt Ion: 94 Resp: 919
Ion Ratio Lower Upper
94 100
96 103.3 73.1 109.7



#11
Tert butyl alcohol
Concen: 5.483 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 59 Resp: 3558
Ion Ratio Lower Upper
59 100
57 4.0 8.2 12.4#

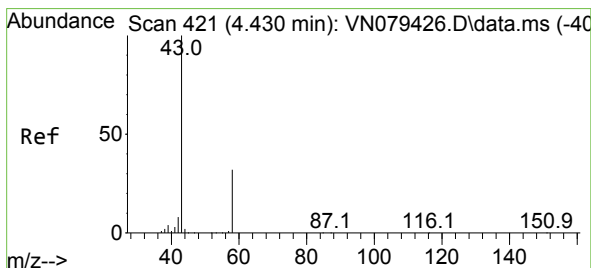
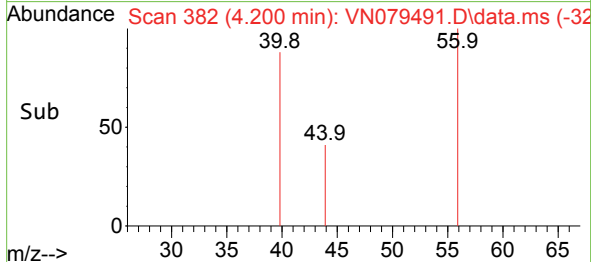
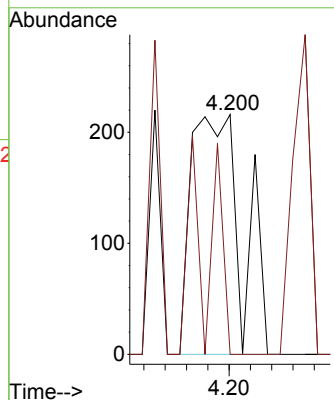
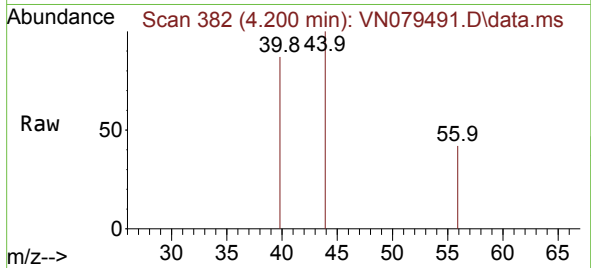




#13
Acrolein
Concen: 0.549 ug/l
RT: 4.200 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

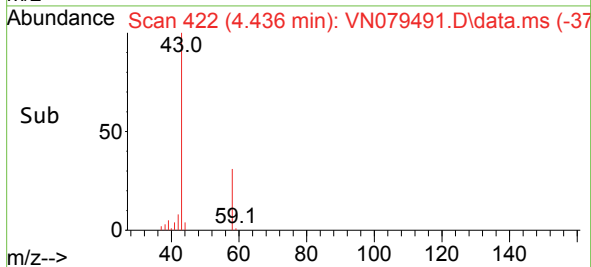
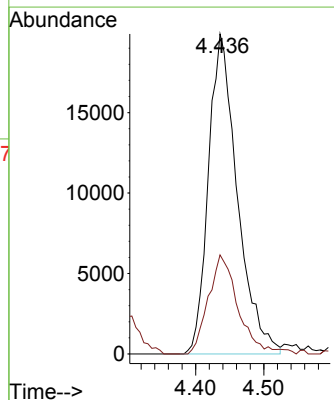
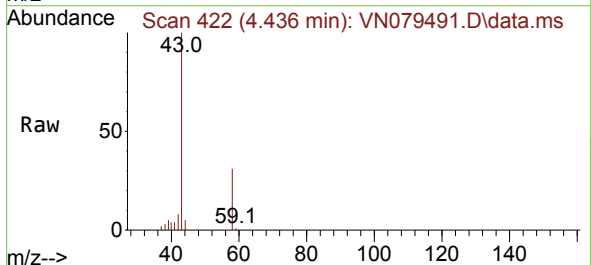
Instrument :
MSVOA_N
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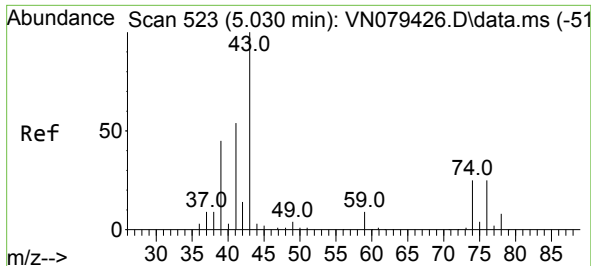
Tgt Ion: 56 Resp: 355
Ion Ratio Lower Upper
56 100
55 38.3 54.5 81.7#



#16
Acetone
Concen: 34.286 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 43 Resp: 58633
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0

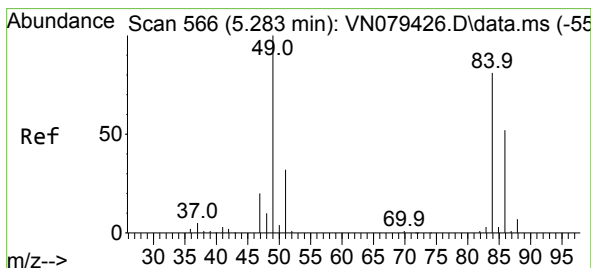
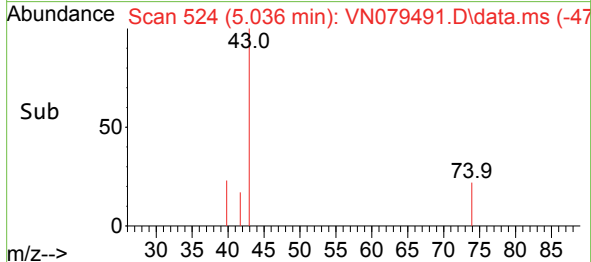
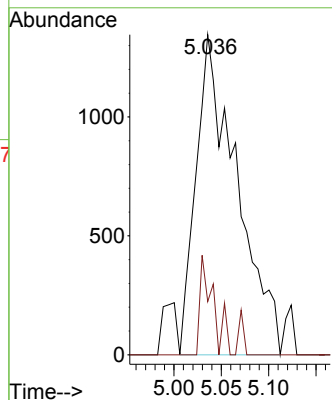
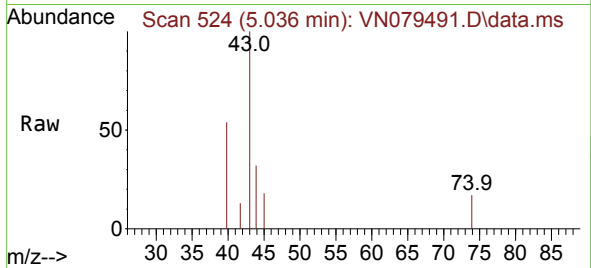




#18
Methyl Acetate
Concen: 0.480 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

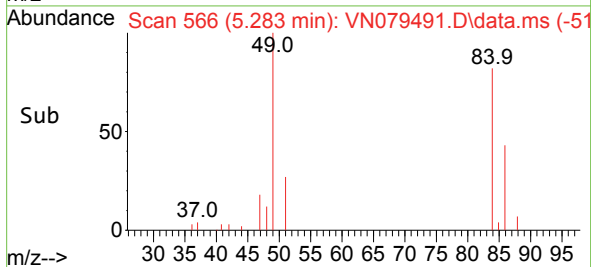
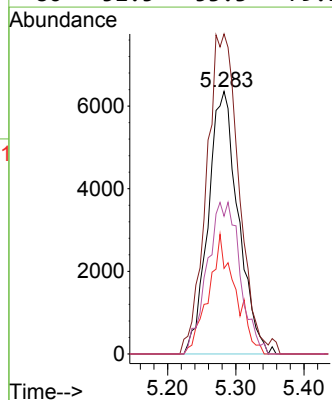
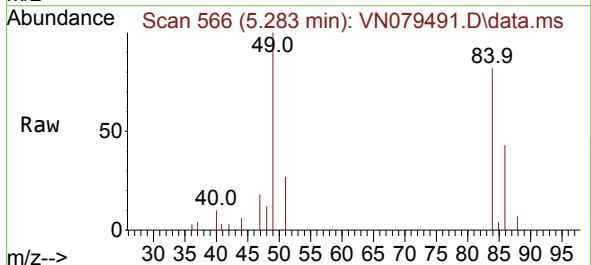
Instrument :
MSVOA_N
ClientSampleId :

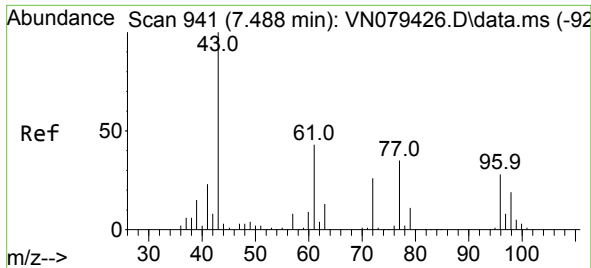
Tgt Ion: 43 Resp: 4018
Ion Ratio Lower Upper
43 100
74 10.2 26.2 39.4#



#20
Methylene Chloride
Concen: 4.647 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 84 Resp: 19448
Ion Ratio Lower Upper
84 100
49 121.9 79.7 119.5#
51 32.6 25.2 37.8
86 52.5 53.3 79.9#

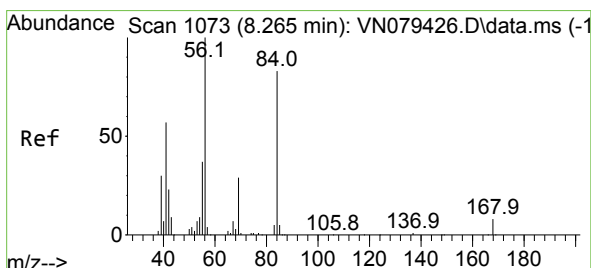
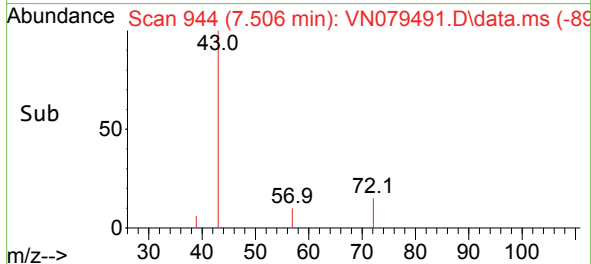
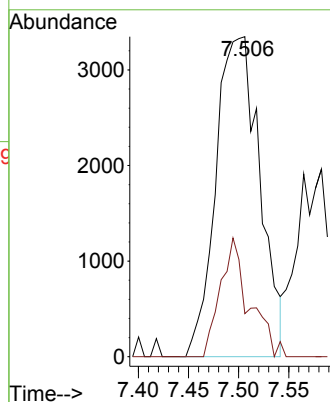
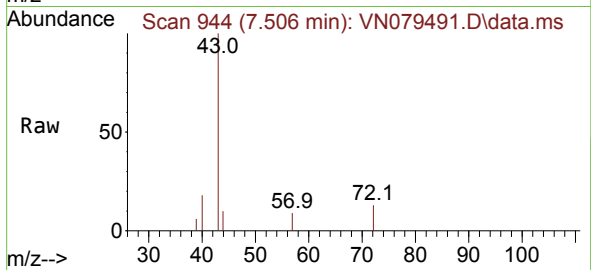




#25
2-Butanone
Concen: 4.010 ug/l
RT: 7.506 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

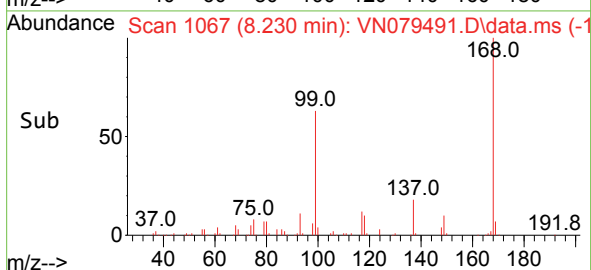
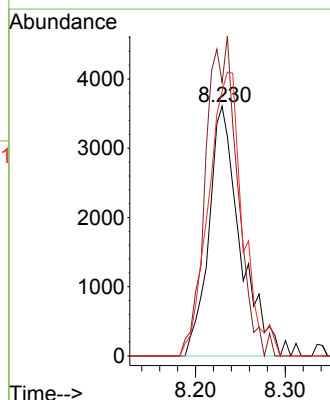
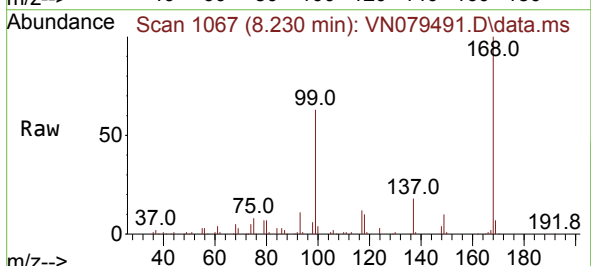
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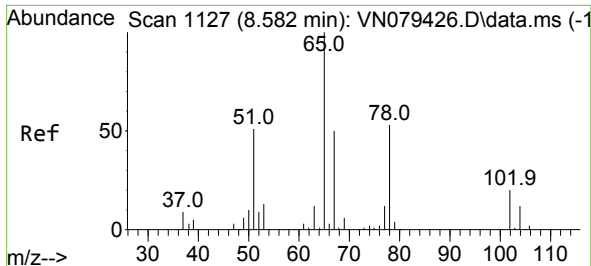
Tgt Ion: 43 Resp: 10178
Ion Ratio Lower Upper
43 100
72 13.4 30.2 45.2#



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 56 Resp: 8725
Ion Ratio Lower Upper
56 100
69 109.5 26.8 40.2#
84 106.2 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 52.181 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

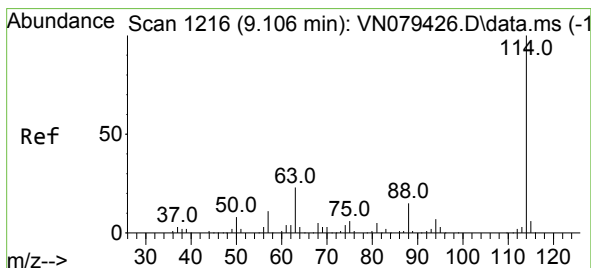
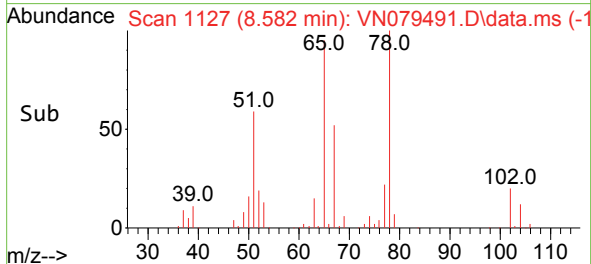
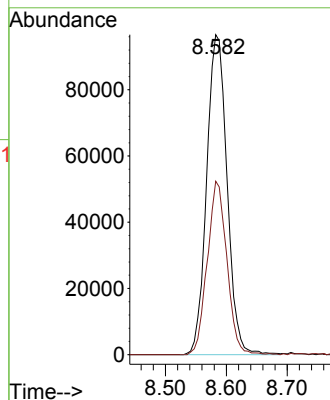
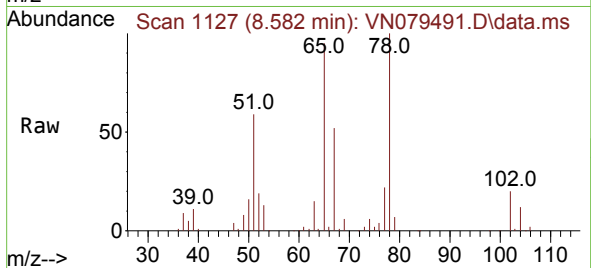
ClientSampleId :

Tgt Ion: 65 Resp: 224982

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

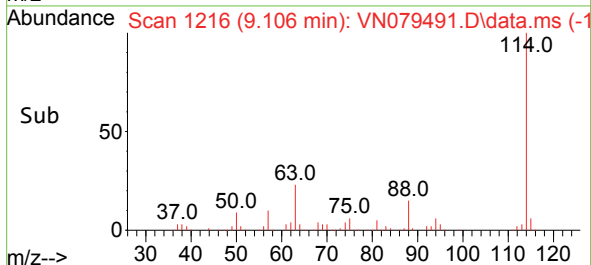
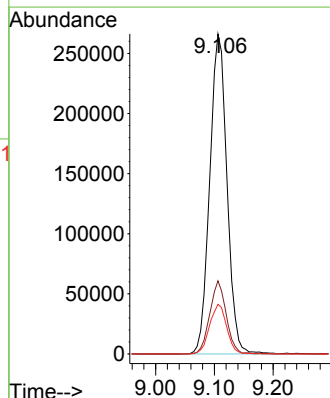
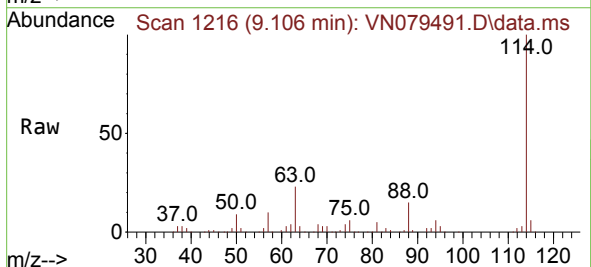
Tgt Ion: 114 Resp: 541776

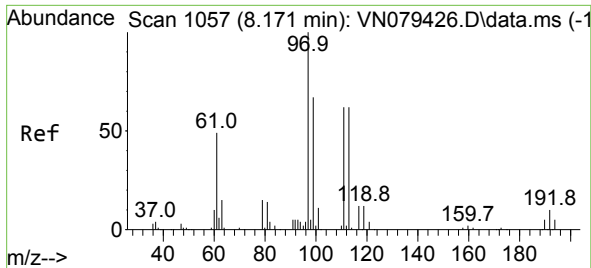
Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

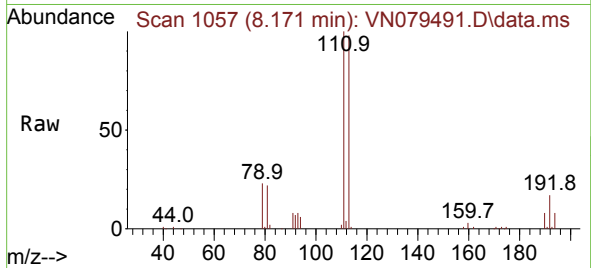
88 15.5 0.0 30.6



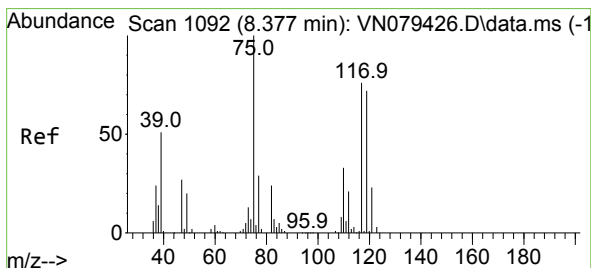
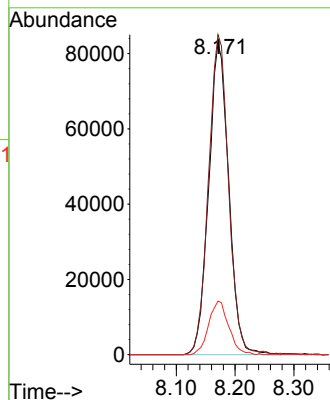
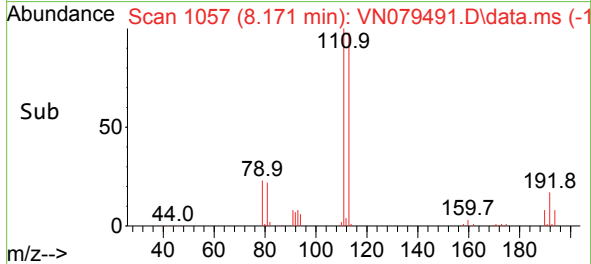


#35
Dibromofluoromethane
Concen: 50.522 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :

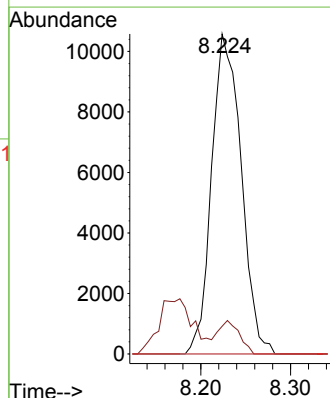
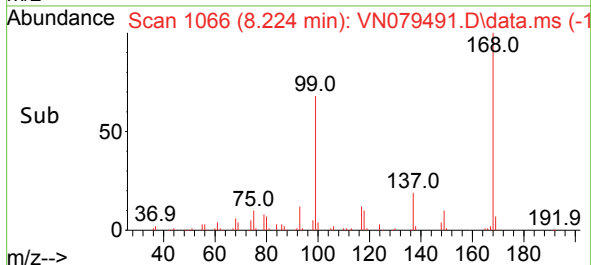
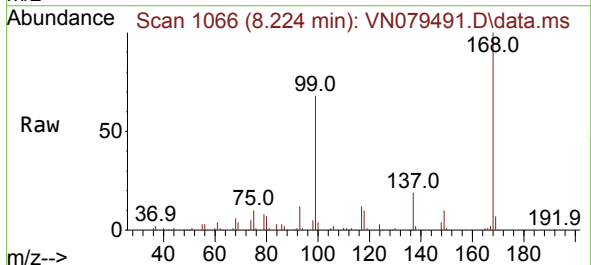


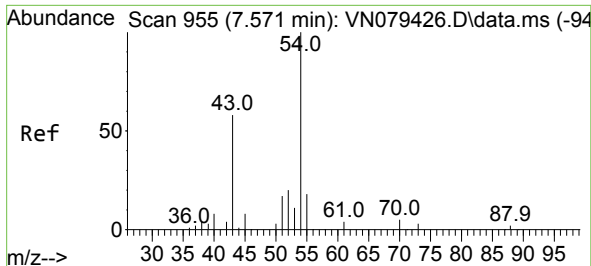
Tgt Ion:113 Resp: 196703
Ion Ratio Lower Upper
113 100
111 102.5 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.134 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 75 Resp: 24154
Ion Ratio Lower Upper
75 100
110 7.4 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.915 ug/l

RT: 7.583 min Scan# 91

Delta R.T. 0.012 min

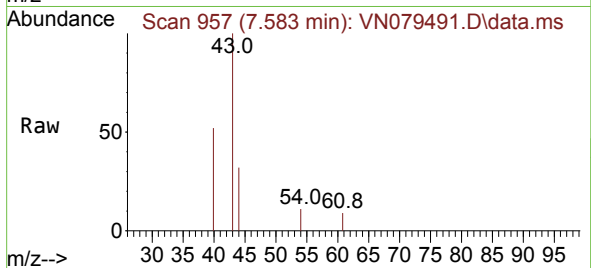
Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

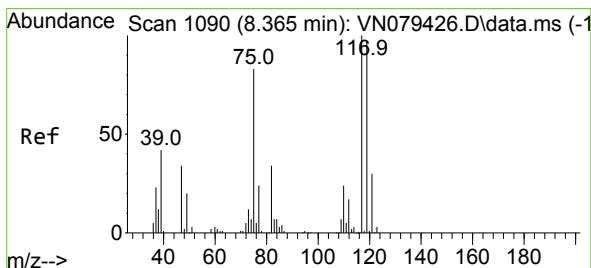
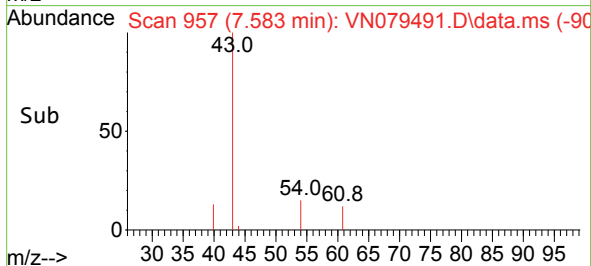
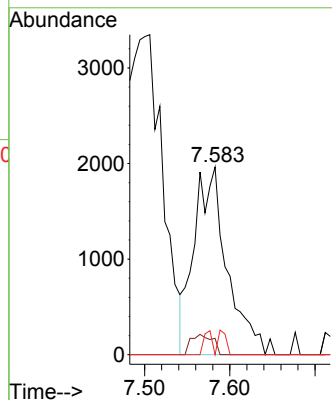
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 5320
Ion Ratio	Lower Upper
43	100
61	0.0 13.2 19.8#
70	3.2 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.151 ug/l

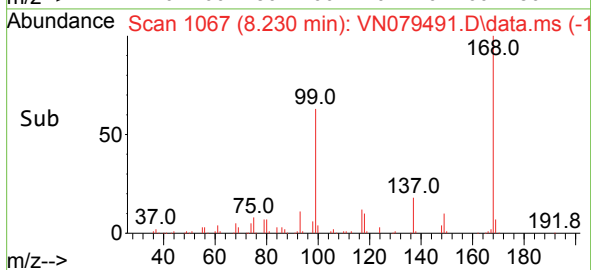
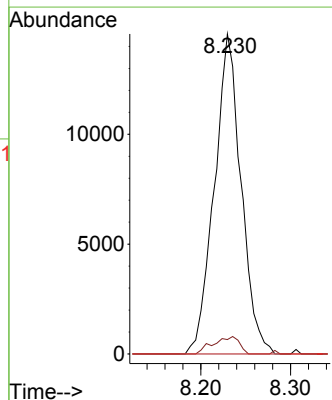
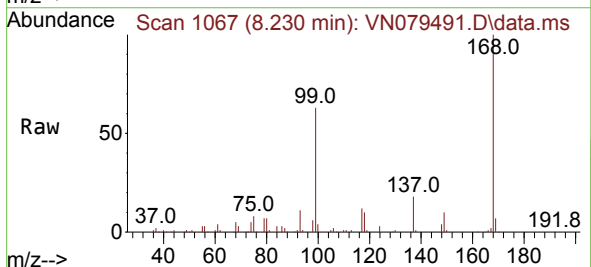
RT: 8.230 min Scan# 1067

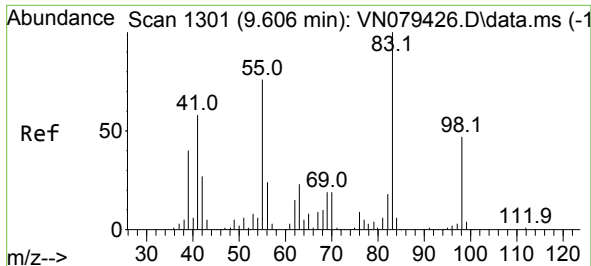
Delta R.T. -0.135 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Tgt Ion: 117	Resp: 30131
Ion Ratio	Lower Upper
117	100
119	4.5 77.3 115.9#
121	0.0 23.3 34.9#

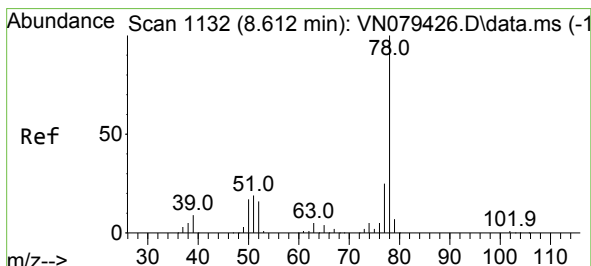
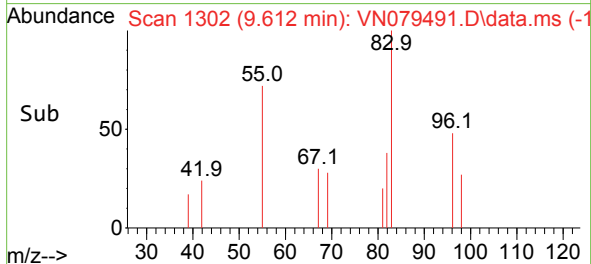
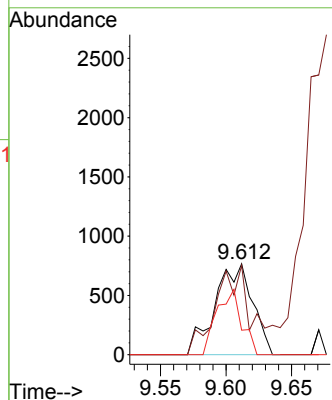
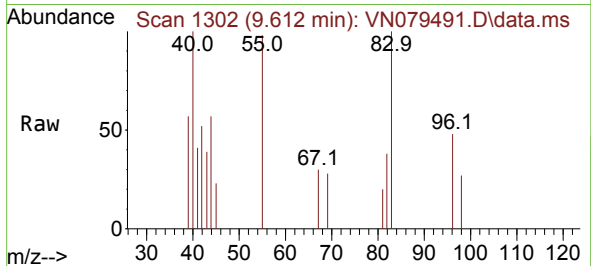




#39
Methylcyclohexane
Concen: 0.275 ug/l
RT: 9.612 min Scan# 11302
Delta R.T. 0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

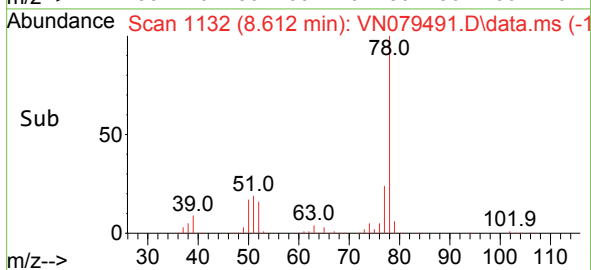
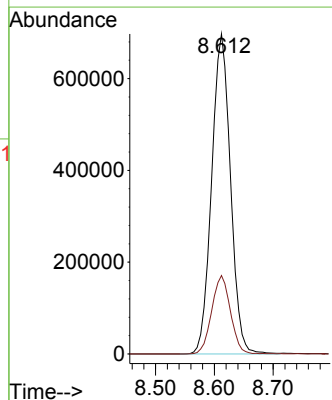
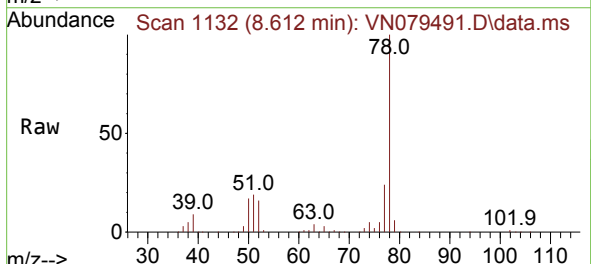
Instrument :
MSVOA_N
ClientSampleId :

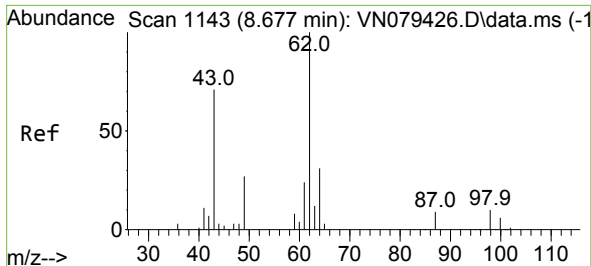
Tgt Ion: 83 Resp: 1542
Ion Ratio Lower Upper
83 100
55 98.2 49.1 73.7#
98 26.9 40.6 61.0#



#40
Benzene
Concen: 89.391 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 78 Resp: 1551290
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





#42

1,2-Dichloroethane

Concen: 2.394 ug/l

RT: 8.606 min Scan# 11

Delta R.T. -0.071 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

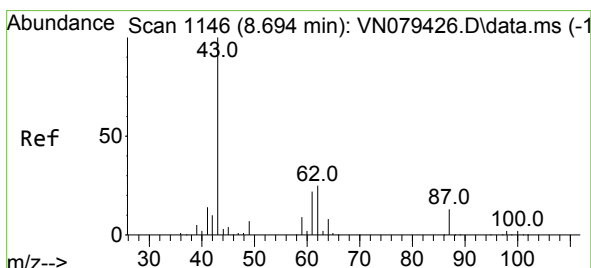
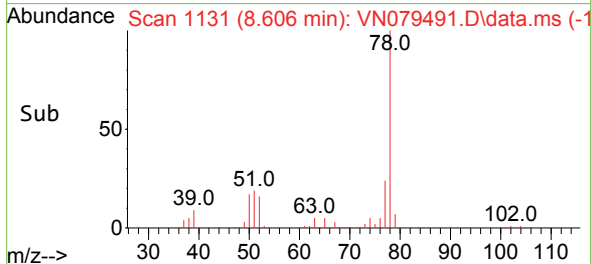
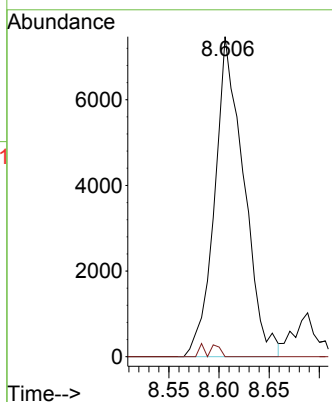
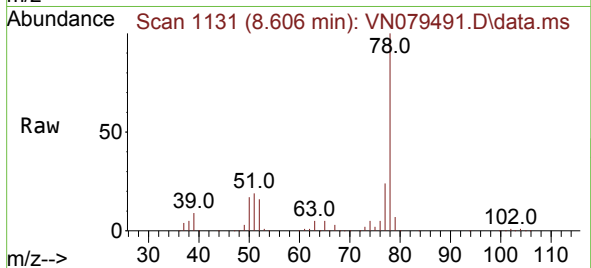
ClientSampleId :

Tgt Ion: 62 Resp: 15098

Ion Ratio Lower Upper

62 100

98 1.2 0.0 19.8



#43

Isopropyl Acetate

Concen: 21.323 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

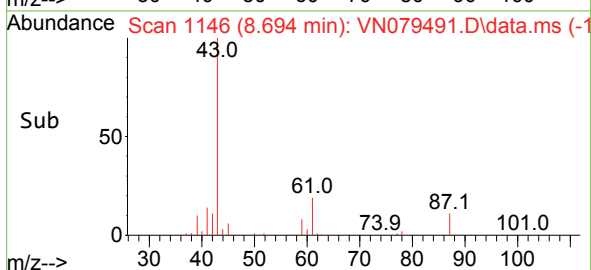
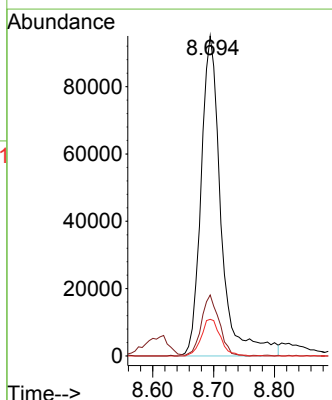
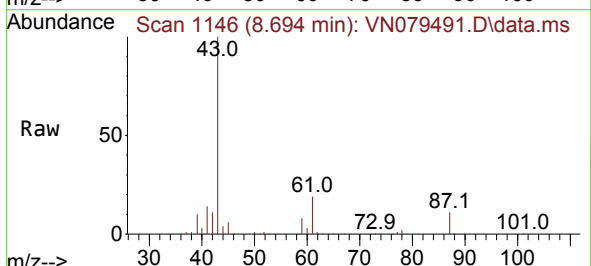
Tgt Ion: 43 Resp: 217208

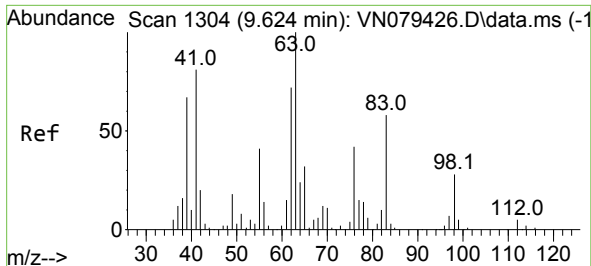
Ion Ratio Lower Upper

43 100

61 16.8 24.7 37.1#

87 10.9 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.542 ug/l

RT: 9.741 min Scan# 1

Delta R.T. 0.118 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

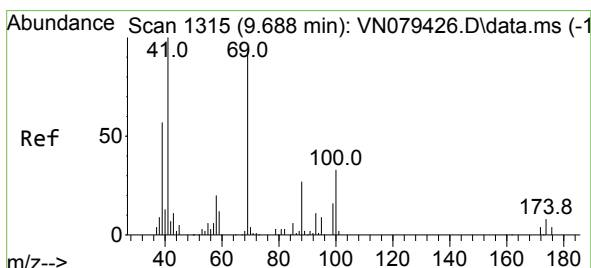
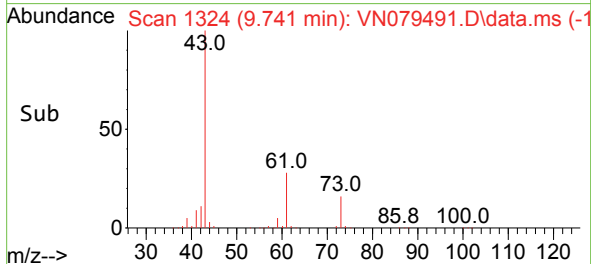
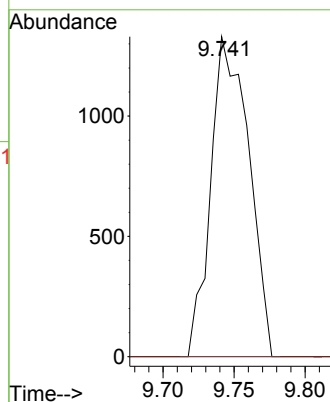
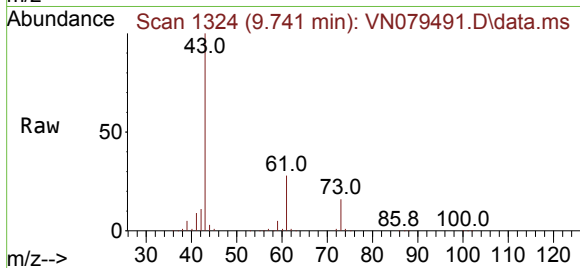
ClientSampleId :

Tgt Ion: 63 Resp: 2478

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 1.677 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.018 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

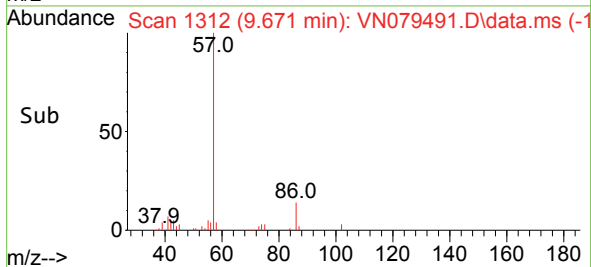
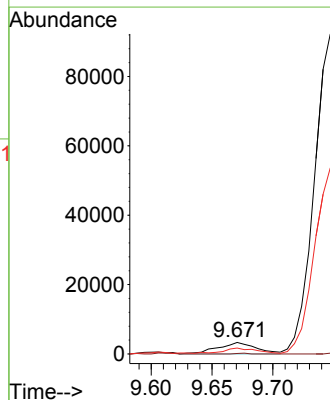
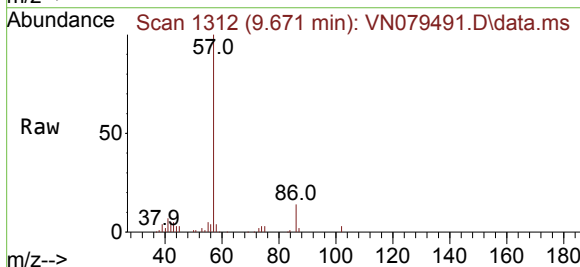
Tgt Ion: 41 Resp: 7322

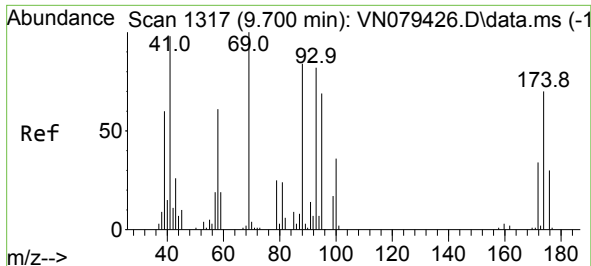
Ion Ratio Lower Upper

41 100

69 1.9 90.4 135.6#

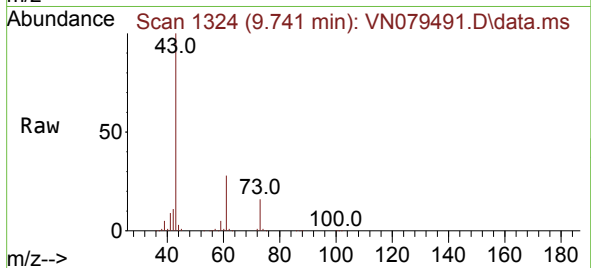
39 0.0 54.6 81.8#



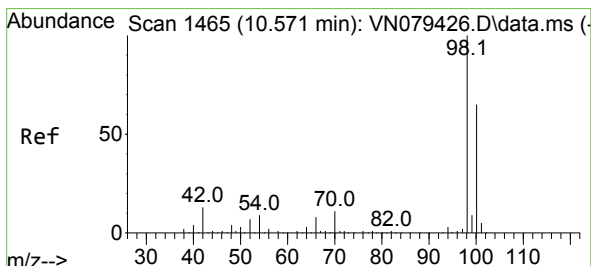
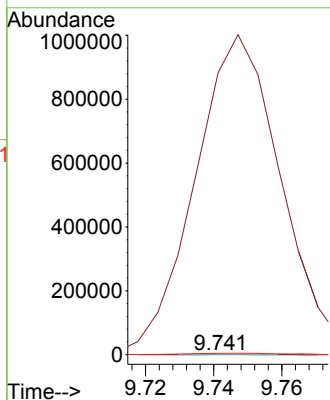
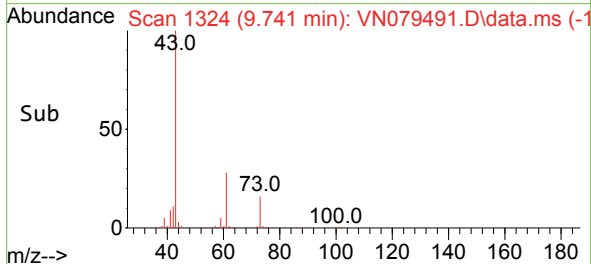


#49
1,4-Dioxane
Concen: 2.624 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :

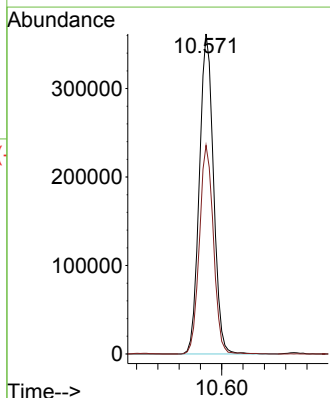
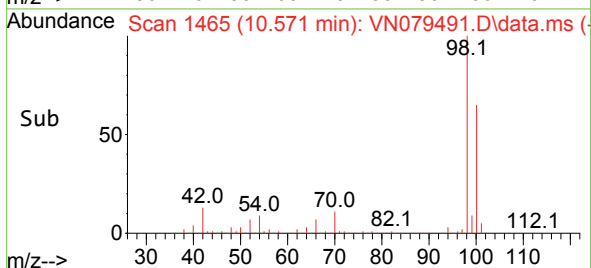
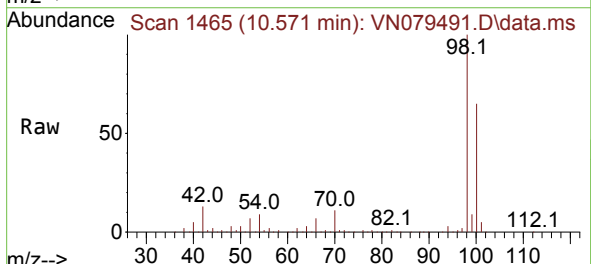


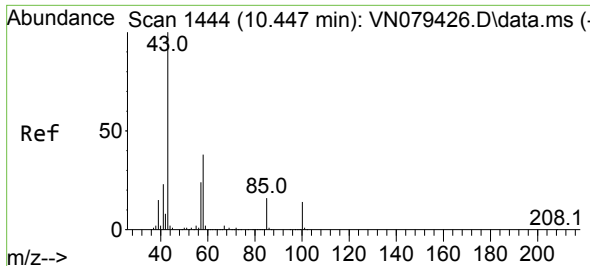
Tgt Ion: 88 Resp: 211
Ion Ratio Lower Upper
88 100
43 846679.1 17.0 25.6#
58 4298.6 47.0 70.4#



#50
Toluene-d8
Concen: 47.284 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 98 Resp: 666108
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

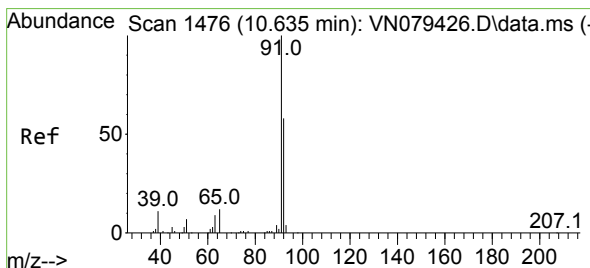
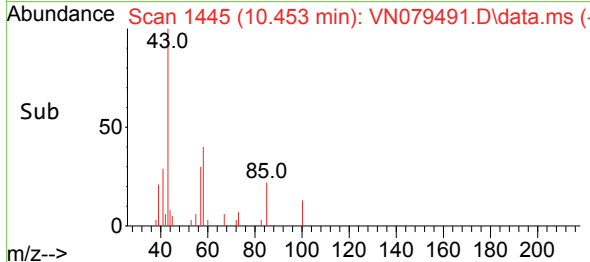
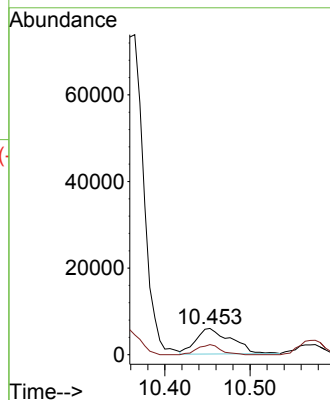
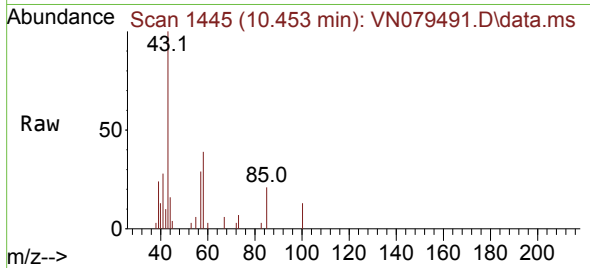




#51
4-Methyl-2-Pentanone
Concen: 2.950 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

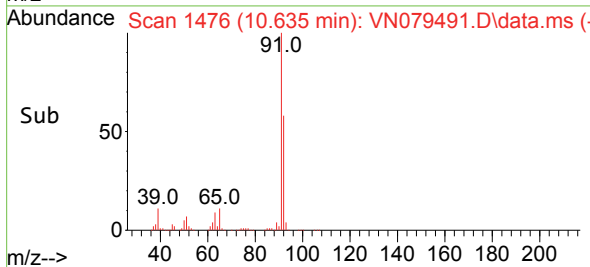
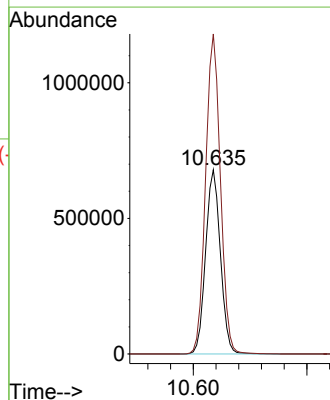
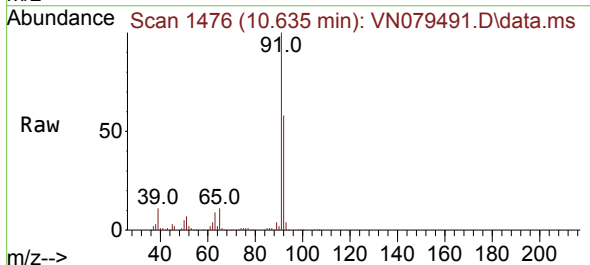
Instrument :
MSVOA_N
ClientSampleId :

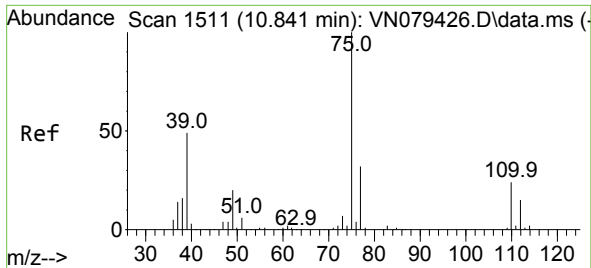
Tgt Ion: 43 Resp: 16966
Ion Ratio Lower Upper
43 100
58 26.0 36.6 54.8#



#52
Toluene
Concen: 119.742 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 92 Resp: 1223190
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0

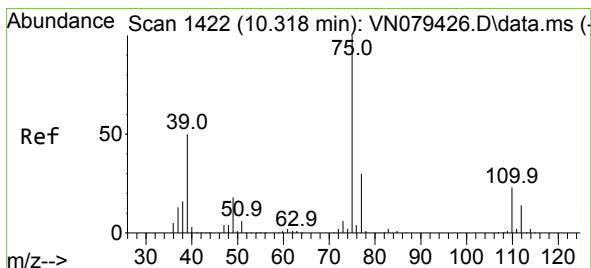
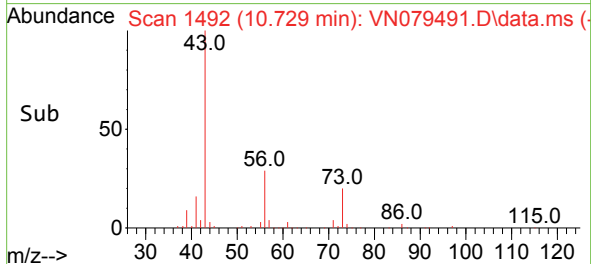
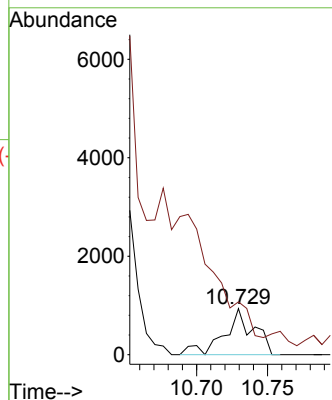
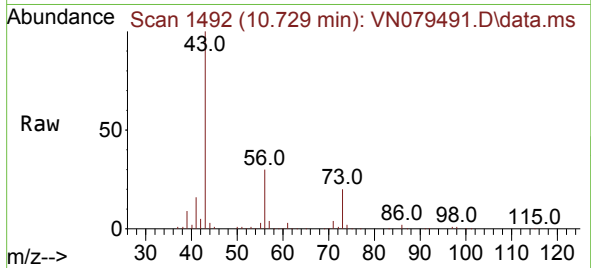




#53
 t-1,3-Dichloropropene
 Concen: 0.220 ug/l
 RT: 10.729 min Scan# 14
 Delta R.T. -0.112 min
 Lab File: VN079491.D
 Acq: 10 Oct 2023 14:24

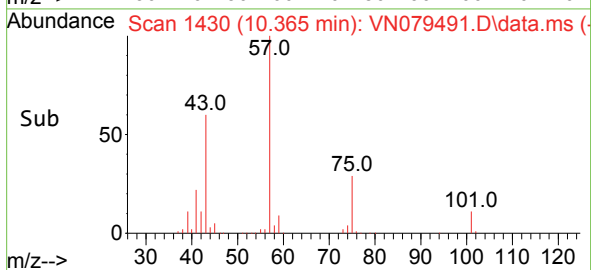
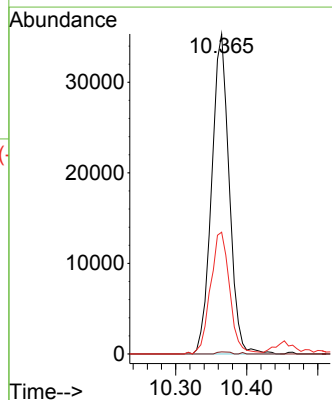
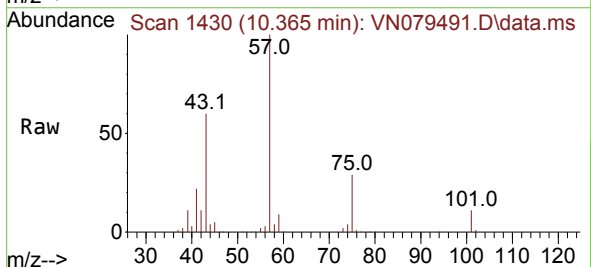
Instrument :
 MSVOA_N
 ClientSampleId :

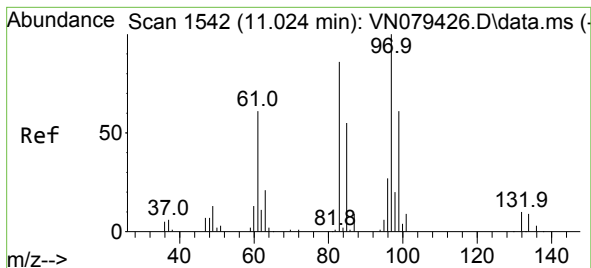
Tgt Ion: 75 Resp: 1353
 Ion Ratio Lower Upper
 75 100
 77 63.9 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 9.018 ug/l
 RT: 10.365 min Scan# 1430
 Delta R.T. 0.047 min
 Lab File: VN079491.D
 Acq: 10 Oct 2023 14:24

Tgt Ion: 75 Resp: 60605
 Ion Ratio Lower Upper
 75 100
 77 0.7 26.1 39.1#
 39 38.1 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 1.429 ug/l

RT: 10.888 min Scan# 1519

Delta R.T. -0.135 min

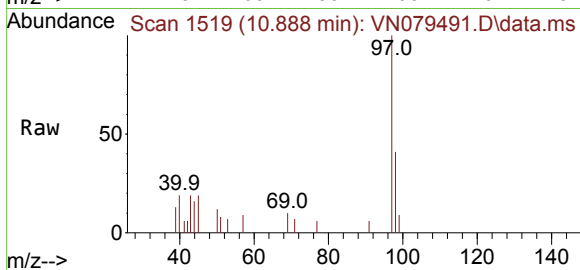
Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 5859

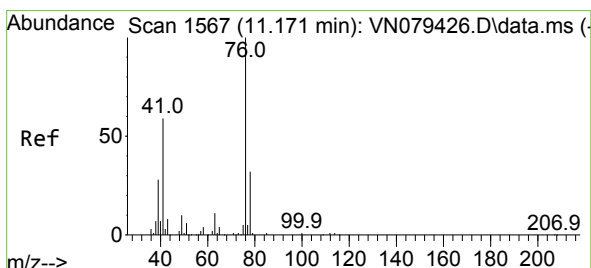
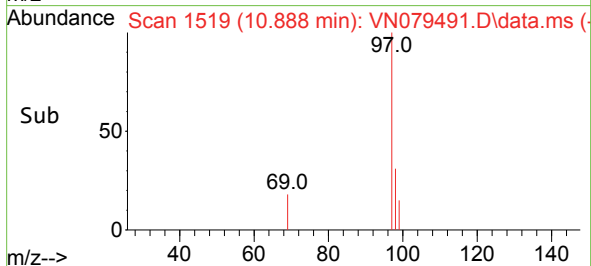
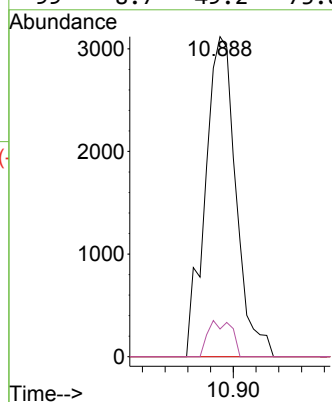
Ion Ratio Lower Upper

97 100

83 0.0 65.1 97.7#

85 0.0 43.4 65.2#

99 8.7 49.2 73.8#



#57

1,3-Dichloropropane

Concen: 1.108 ug/l

RT: 11.206 min Scan# 1573

Delta R.T. 0.035 min

Lab File: VN079491.D

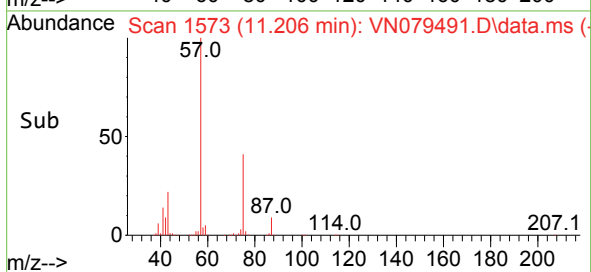
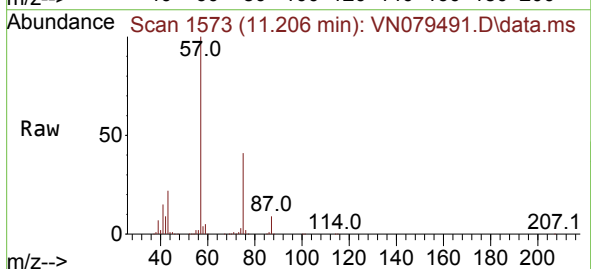
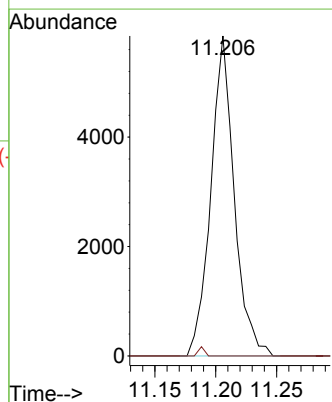
Acq: 10 Oct 2023 14:24

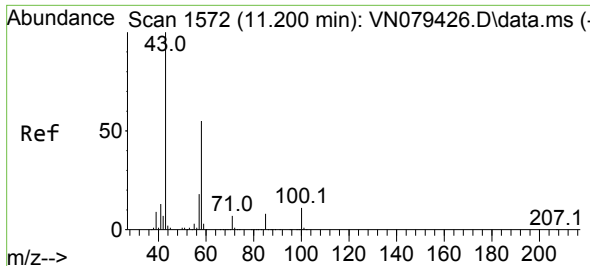
Tgt Ion: 76 Resp: 7845

Ion Ratio Lower Upper

76 100

78 0.8 26.1 39.1#

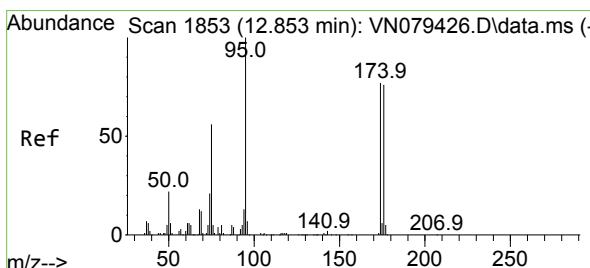
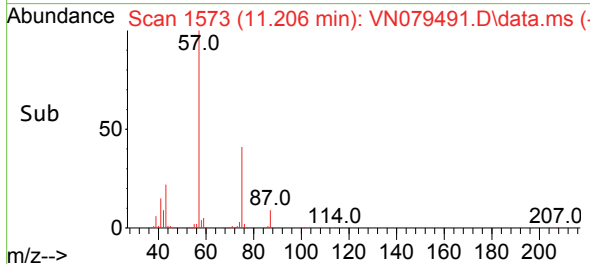
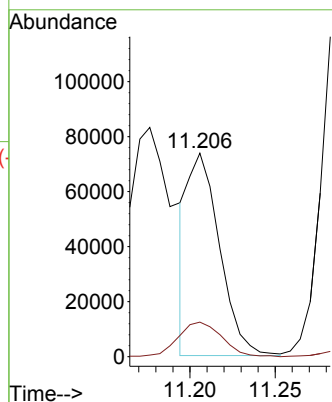
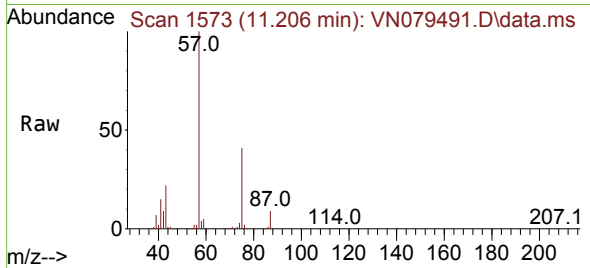




#59
2-Hexanone
Concen: 23.187 ug/l
RT: 11.206 min Scan# 1157
Delta R.T. 0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

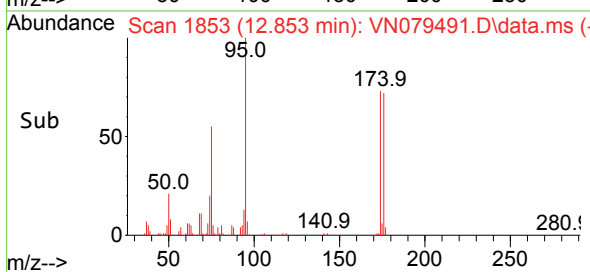
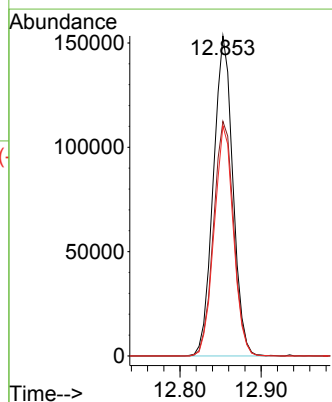
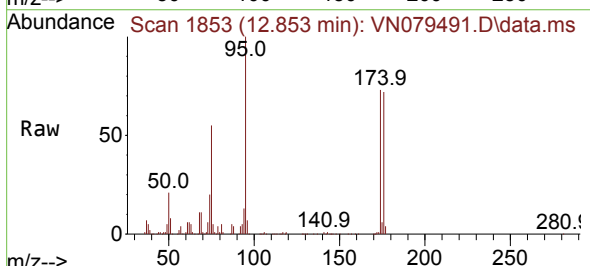
Instrument :
MSVOA_N
ClientSampleId :

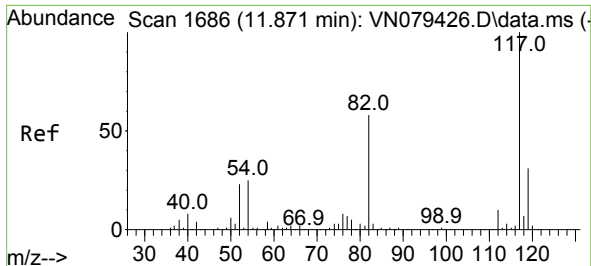
Tgt Ion: 43 Resp: 96215
Ion Ratio Lower Upper
43 100
58 23.4 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 56.639 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 95 Resp: 256064
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 71.2 0.0 135.8

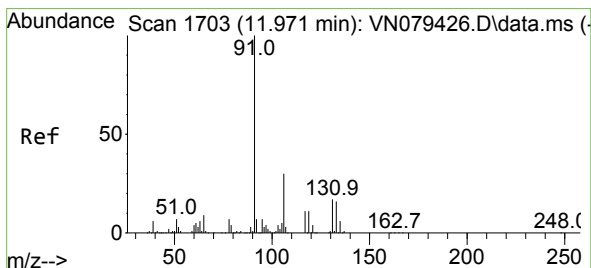
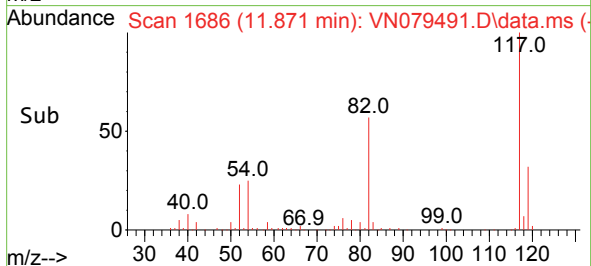
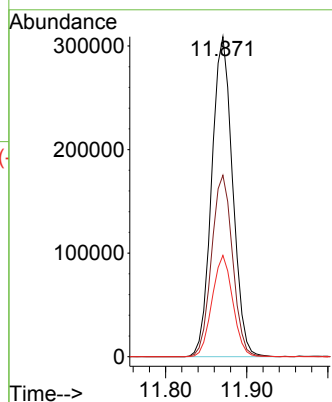
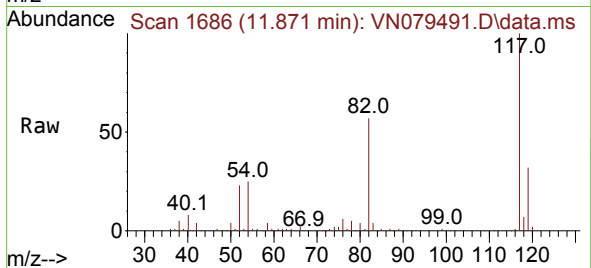




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

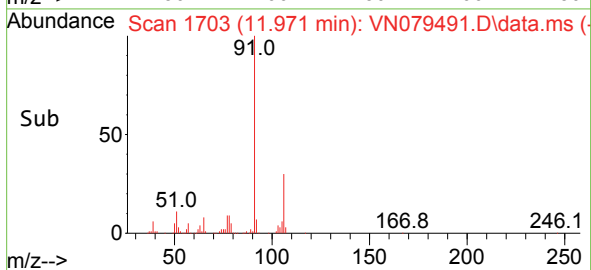
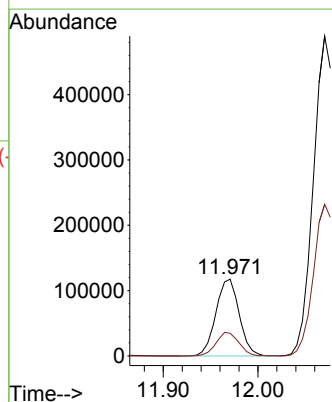
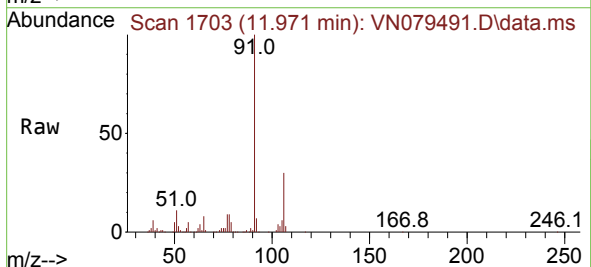
Instrument :
MSVOA_N
ClientSampleId :

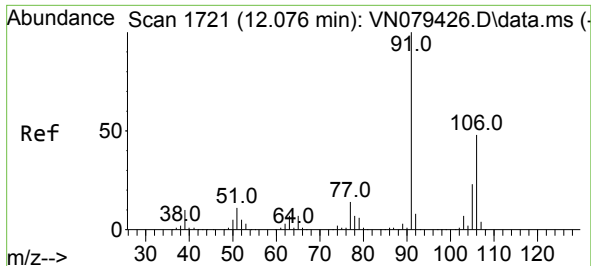
Tgt Ion:117 Resp: 552848
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 31.6 25.6 38.4



#67
Ethyl Benzene
Concen: 9.403 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion: 91 Resp: 201227
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

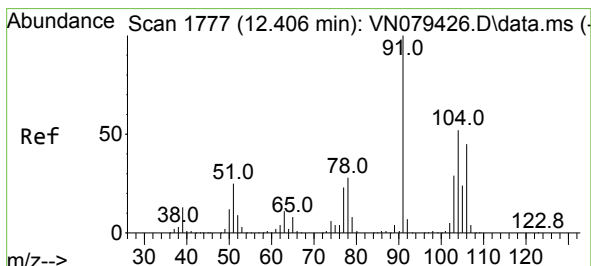
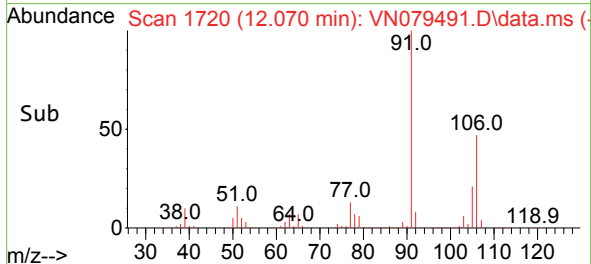
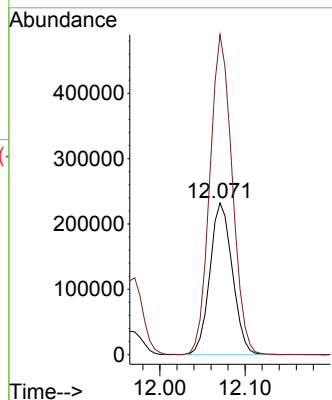
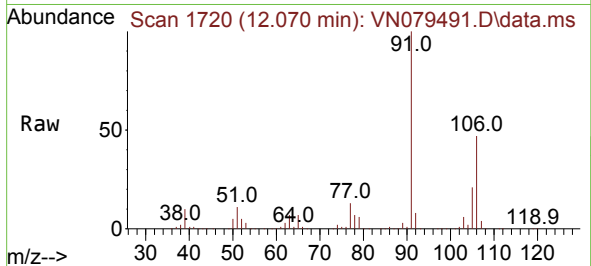




#68
m/p-Xylenes
Concen: 54.699 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

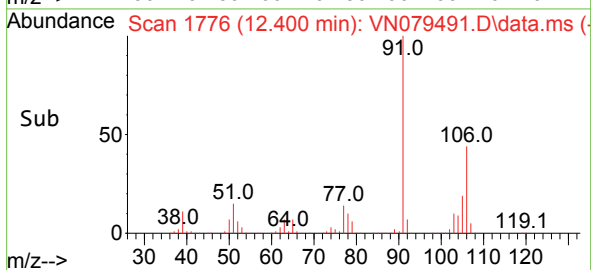
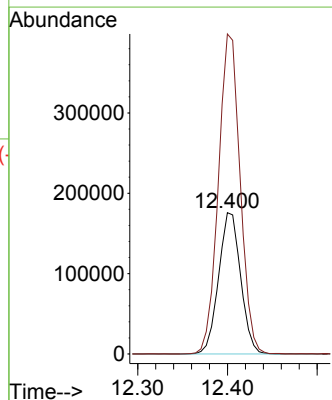
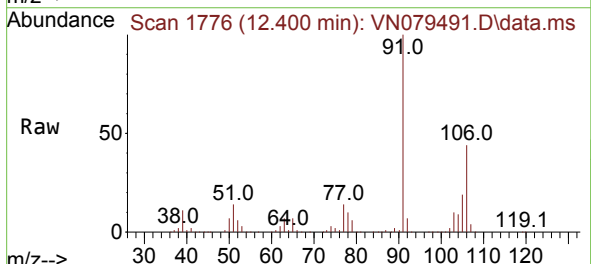
Instrument :
MSVOA_N
ClientSampleId :

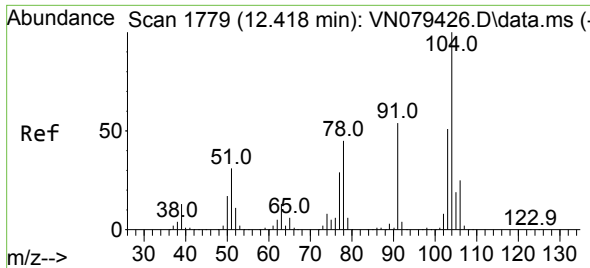
Tgt Ion:106 Resp: 425307
Ion Ratio Lower Upper
106 100
91 210.0 159.6 239.4



#69
o-Xylene
Concen: 39.177 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

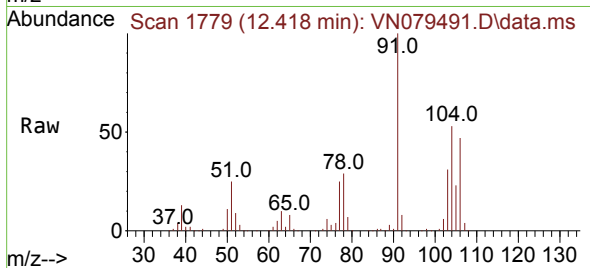
Tgt Ion:106 Resp: 299578
Ion Ratio Lower Upper
106 100
91 224.0 105.2 315.5



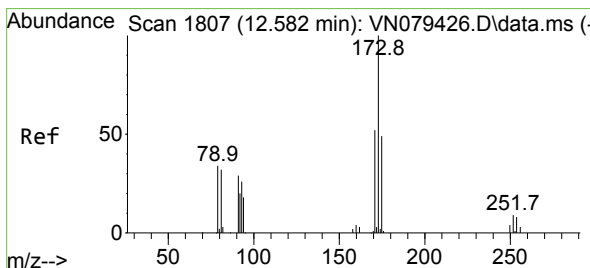
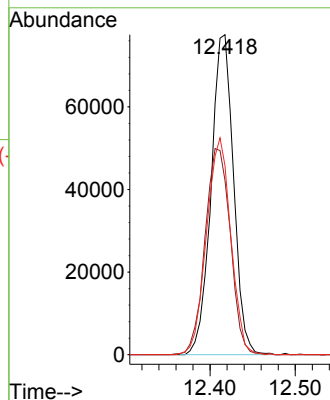
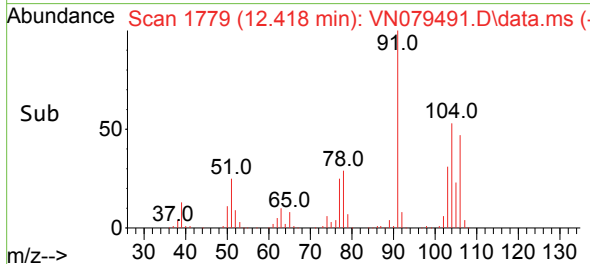


#70
Styrene
Concen: 11.732 ug/l
RT: 12.418 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Instrument :
MSVOA_N
ClientSampleId :

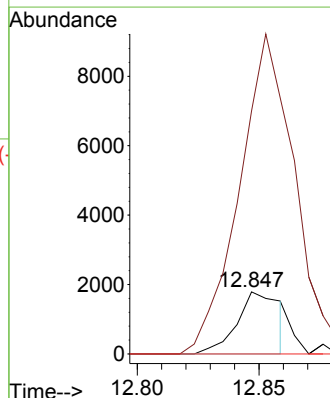
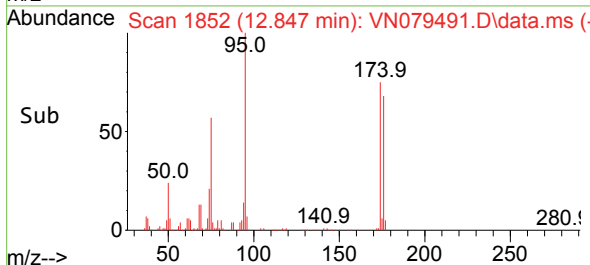
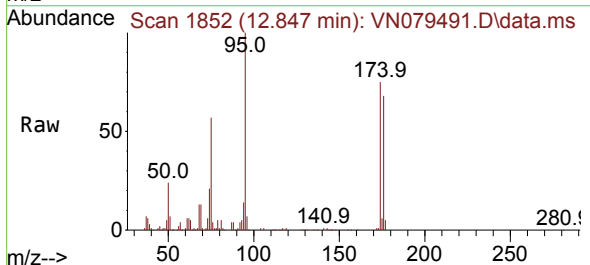


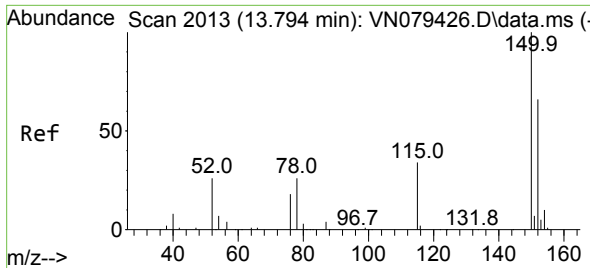
Tgt Ion:104 Resp: 141703
Ion Ratio Lower Upper
104 100
78 72.7 39.5 59.3#
103 73.3 43.2 64.8#



#71
Bromoform
Concen: 0.672 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

Tgt Ion:173 Resp: 2217
Ion Ratio Lower Upper
173 100
175 505.8 24.3 73.0#
254 0.0 0.0 0.0

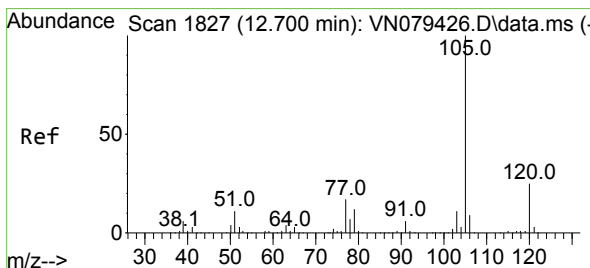
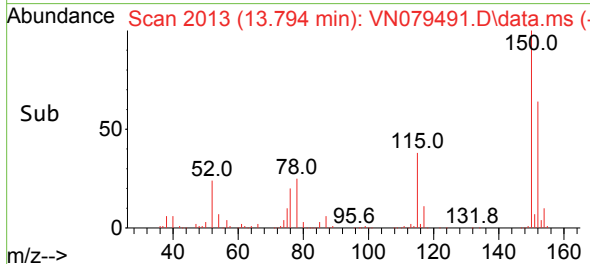
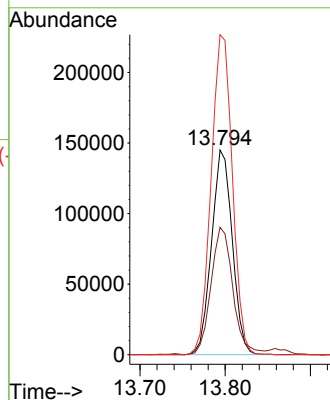
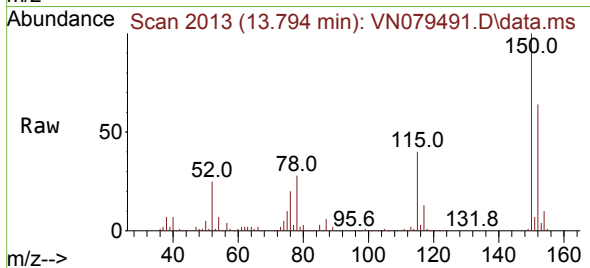




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

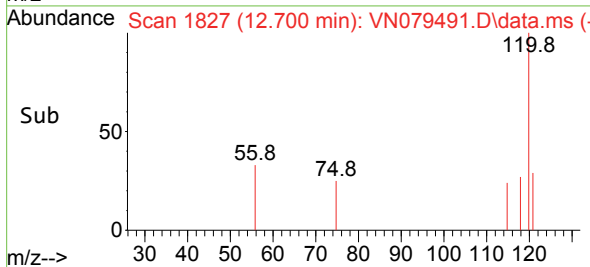
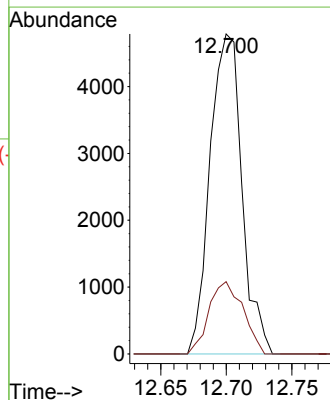
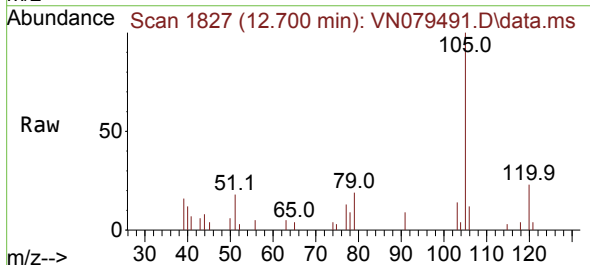
Instrument :
MSVOA_N
ClientSampleId :

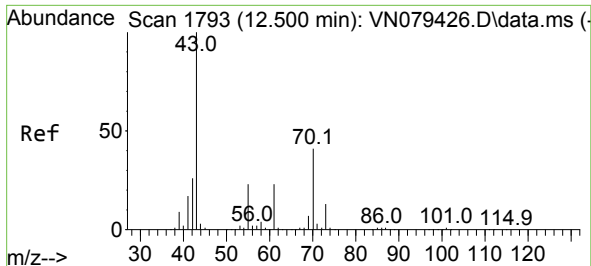
Tgt Ion:152 Resp: 245996
Ion Ratio Lower Upper
152 100
115 65.8 32.3 96.8
150 159.8 0.0 355.8



#73
Isopropylbenzene
Concen: 0.354 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

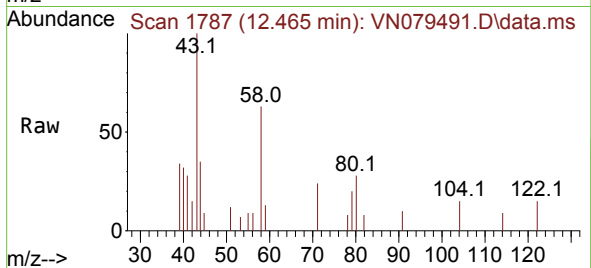
Tgt Ion:105 Resp: 8097
Ion Ratio Lower Upper
105 100
120 24.2 13.1 39.1



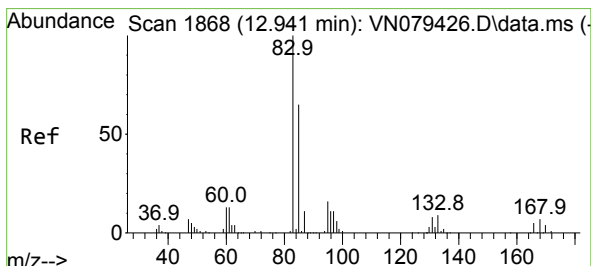
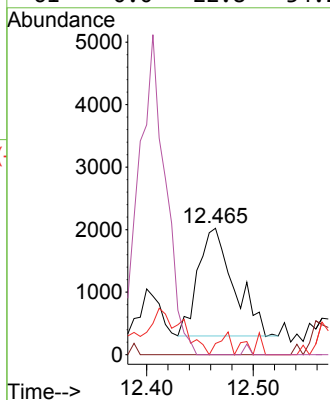
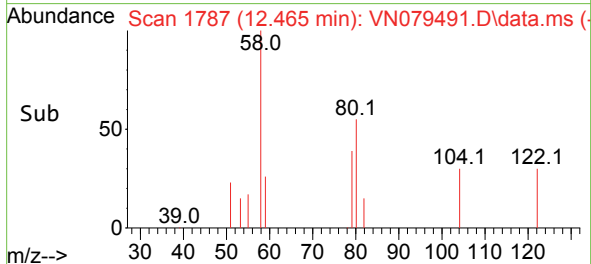


#74
N-amy1 acetate
Concen: 0.430 ug/l
RT: 12.465 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24

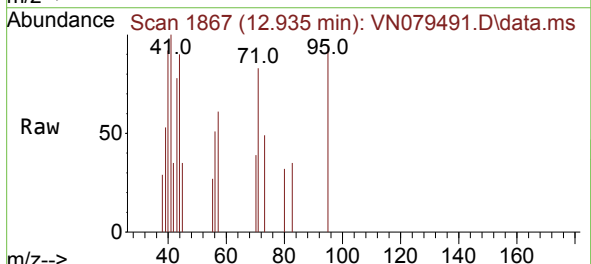
Instrument :
MSVOA_N
ClientSampleId :



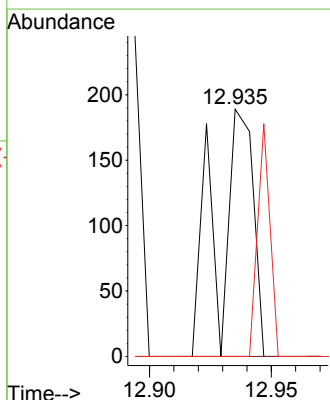
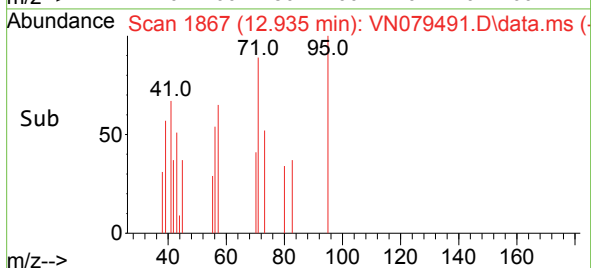
Tgt Ion: 43 Resp: 4035
Ion Ratio Lower Upper
43 100
70 0.0 43.4 65.2#
55 8.3 21.4 32.0#
61 0.0 22.8 34.2#

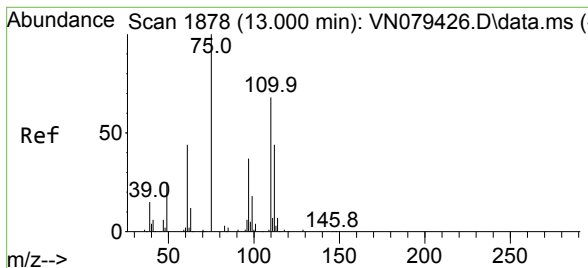


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN079491.D
Acq: 10 Oct 2023 14:24



Tgt Ion: 83 Resp: 190
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0#
85 33.2 31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 19.987 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

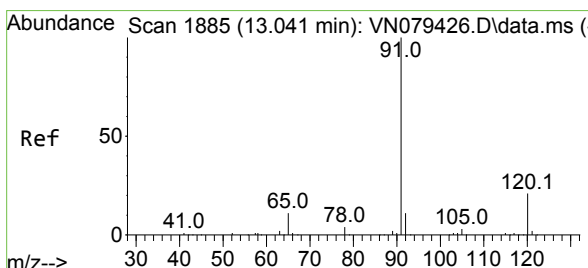
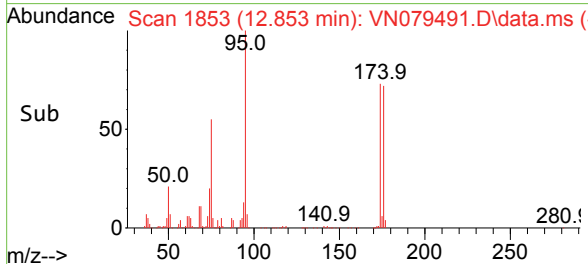
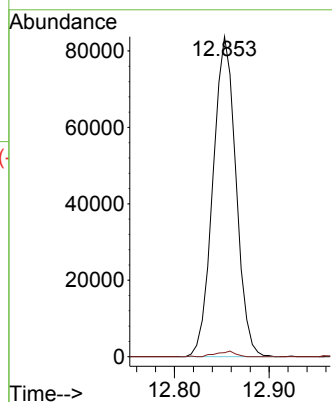
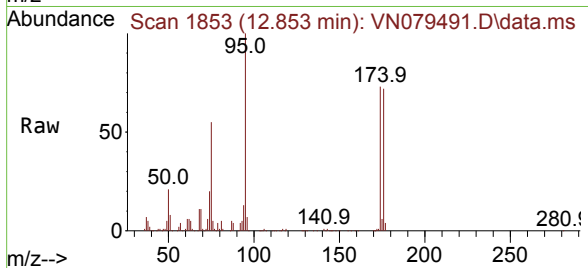
ClientSampleId :

Tgt Ion: 75 Resp: 141759

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#78

n-propylbenzene

Concen: 0.795 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079491.D

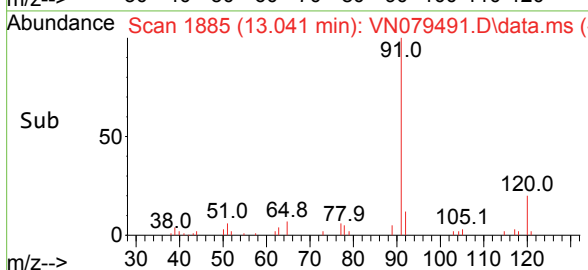
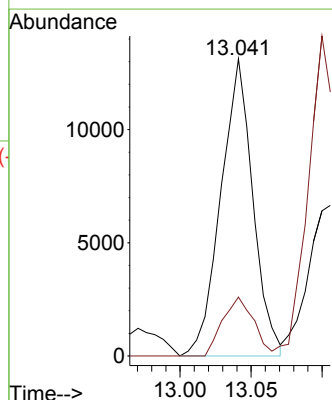
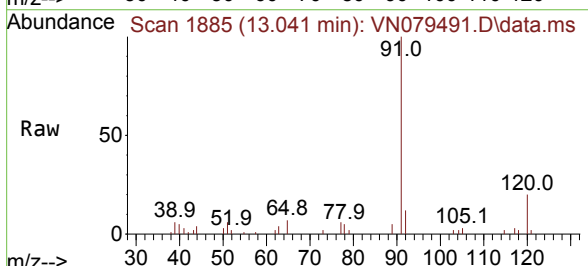
Acq: 10 Oct 2023 14:24

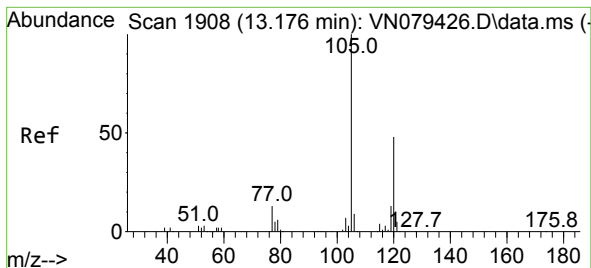
Tgt Ion: 91 Resp: 20593

Ion Ratio Lower Upper

91 100

120 19.2 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 3.999 ug/l

RT: 13.182 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

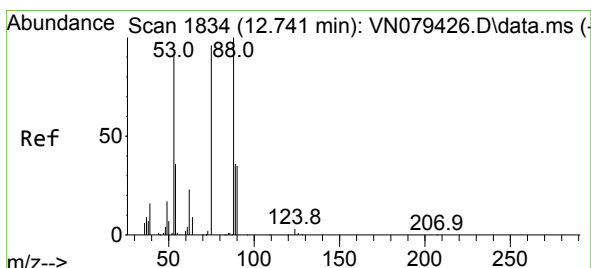
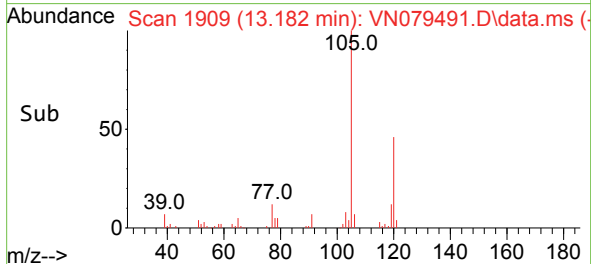
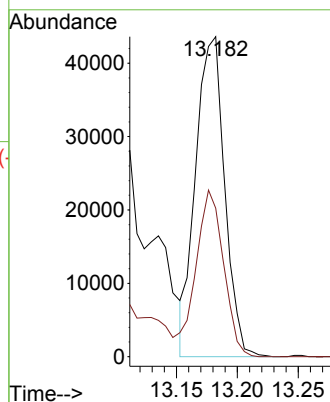
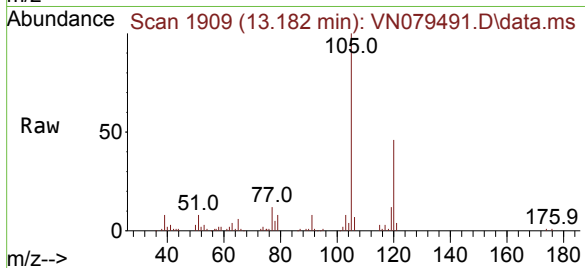
ClientSampleId :

Tgt Ion:105 Resp: 72161

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 57.992 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

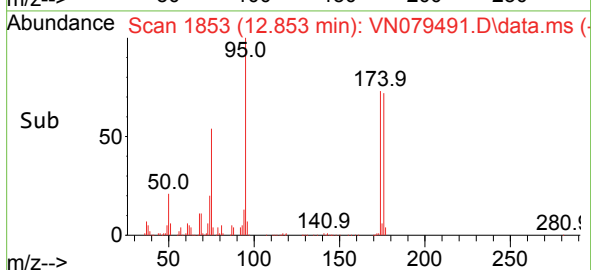
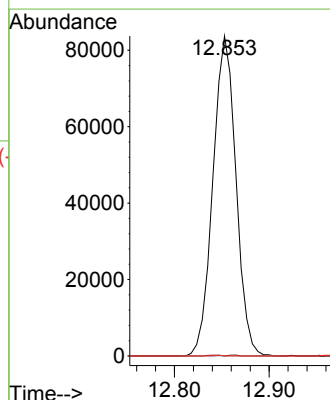
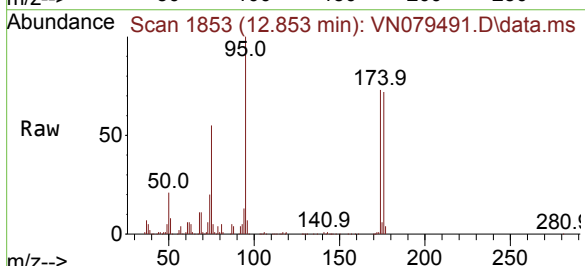
Tgt Ion: 75 Resp: 141759

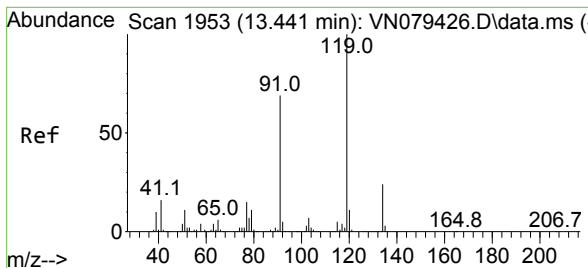
Ion Ratio Lower Upper

75 100

53 0.1 67.4 101.2#

89 0.0 38.8 58.2#





#83

tert-Butylbenzene

Concen: 0.268 ug/l

RT: 13.676 min Scan# 1953

Delta R.T. 0.235 min

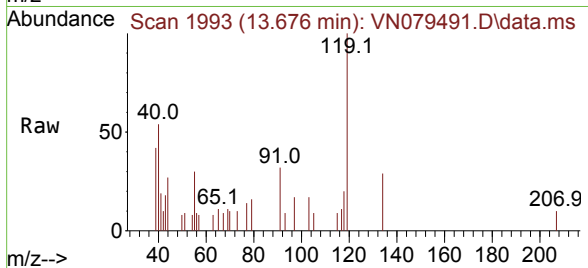
Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :



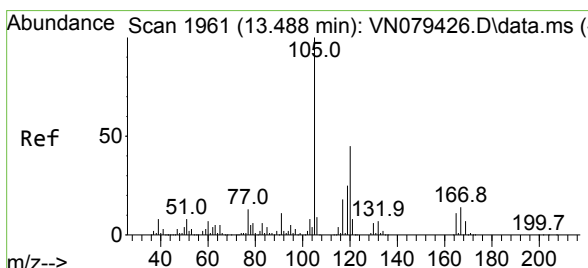
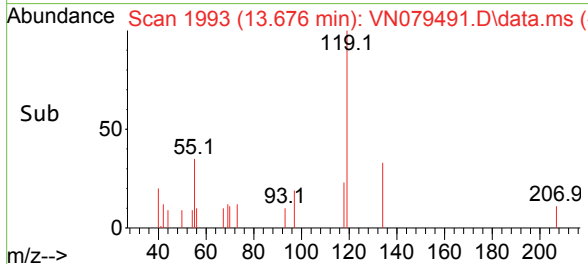
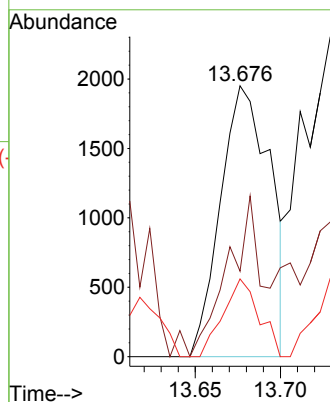
Tgt Ion:119 Resp: 3962

Ion Ratio Lower Upper

119 100

91 39.9 33.9 101.7

134 20.7 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 13.755 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN079491.D

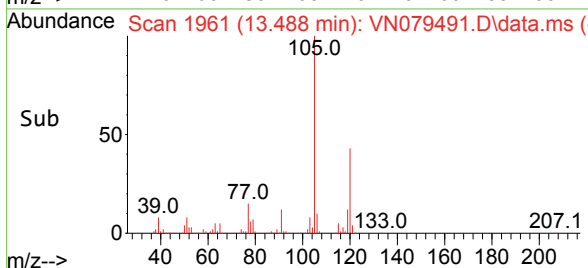
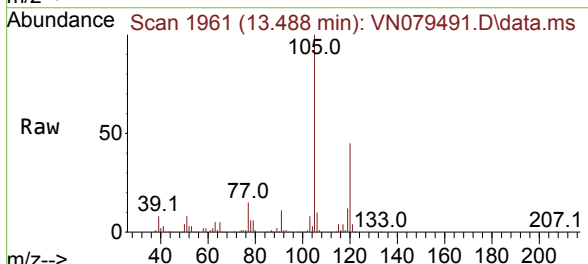
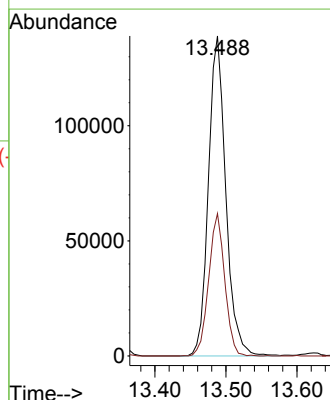
Acq: 10 Oct 2023 14:24

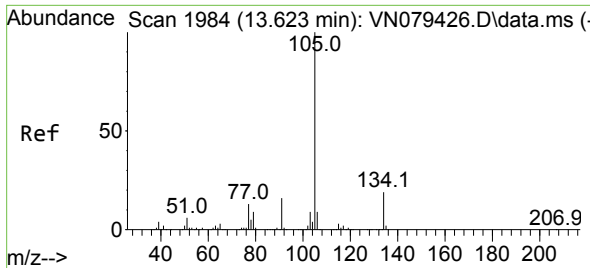
Tgt Ion:105 Resp: 236893

Ion Ratio Lower Upper

105 100

120 41.1 22.0 66.0

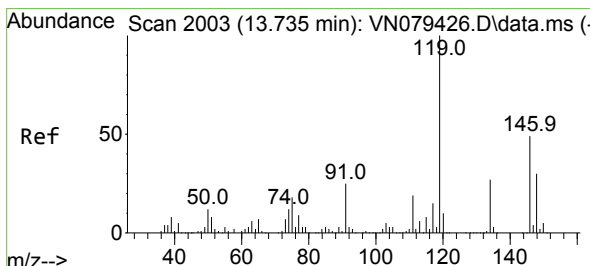
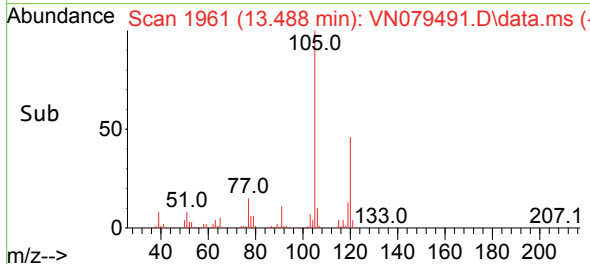
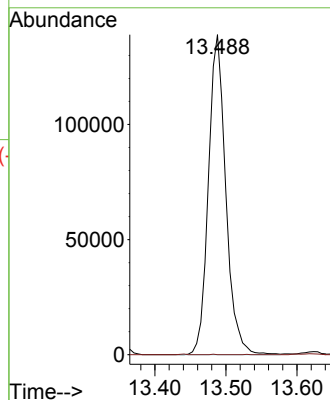
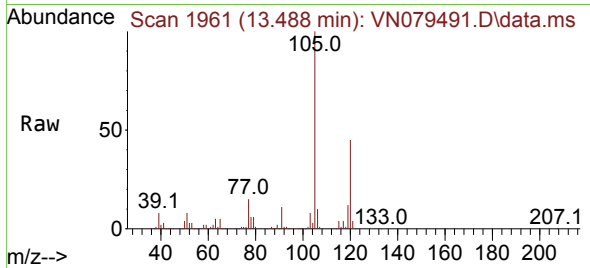




#85
 sec-Butylbenzene
 Concen: 11.487 ug/l
 RT: 13.488 min Scan# 1984
 Delta R.T. -0.135 min
 Lab File: VN079491.D
 Acq: 10 Oct 2023 14:24

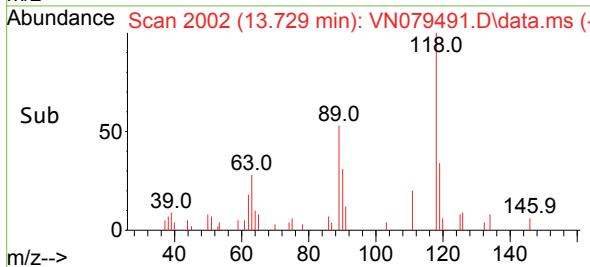
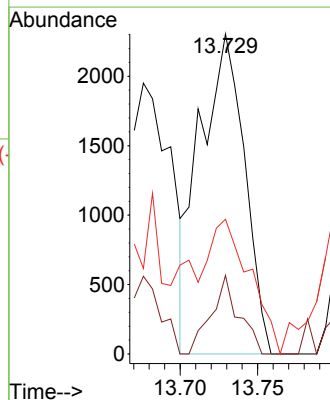
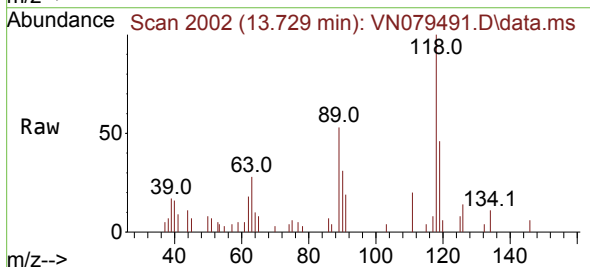
Instrument :
 MSVOA_N
 ClientSampleId :

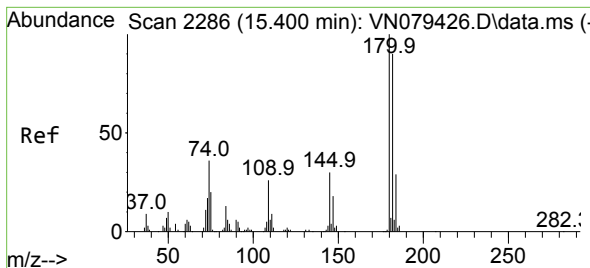
Tgt Ion:105 Resp: 236893
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.292 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN079491.D
 Acq: 10 Oct 2023 14:24

Tgt Ion:119 Resp: 4622
 Ion Ratio Lower Upper
 119 100
 134 15.3 12.6 37.8
 91 53.1 12.4 37.2#





#93

1,2,4-Trichlorobenzene

Concen: 0.463 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

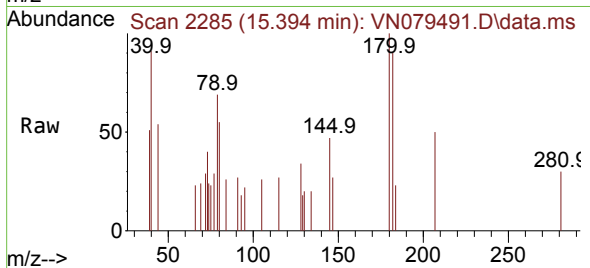
Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

Instrument :

MSVOA_N

ClientSampleId :



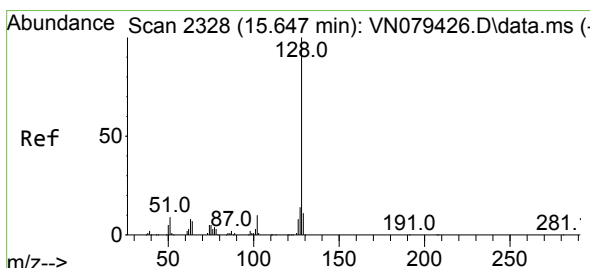
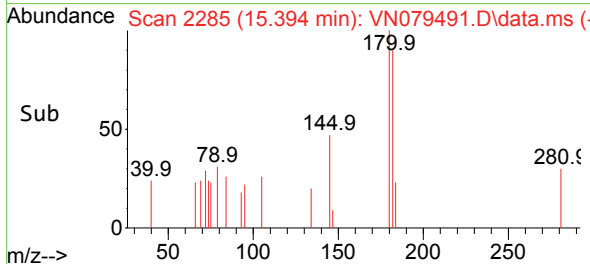
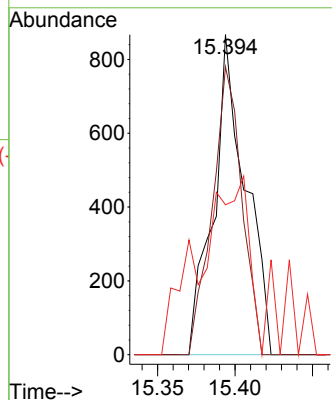
Tgt Ion:180 Resp: 1246

Ion Ratio Lower Upper

180 100

182 83.2 46.1 138.2

145 86.0 16.6 49.8#



#95

Naphthalene

Concen: 305.440 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079491.D

Acq: 10 Oct 2023 14:24

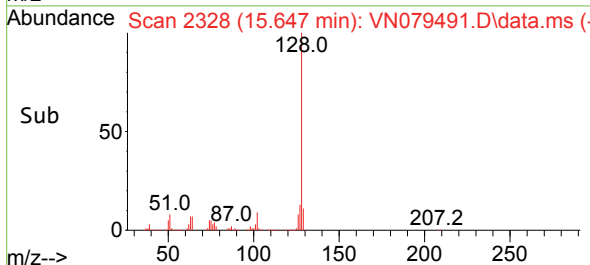
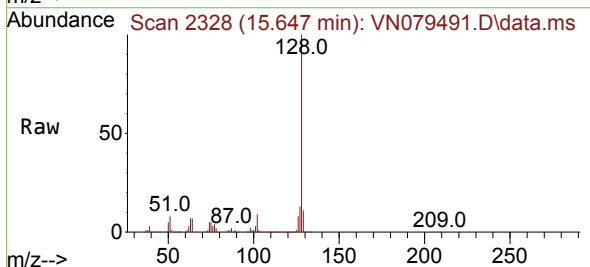
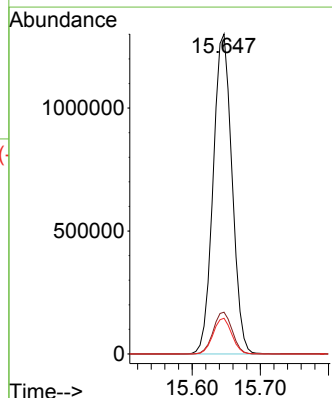
Tgt Ion:128 Resp: 2507890

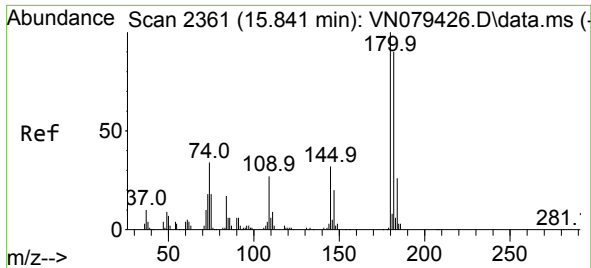
Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

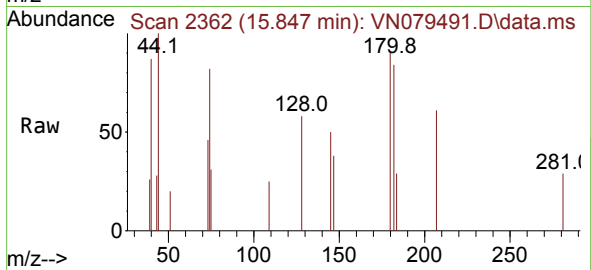
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.357 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079491.D
 Acq: 10 Oct 2023 14:24

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	1147
Ion	Ratio	Lower	Upper
180	100		
182	104.6	46.2	138.6
145	22.4	17.5	52.6

