

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101123\
 Data File : VN079520.D
 Acq On : 11 Oct 2023 16:24
 Operator : JC\MD
 Sample : 04823-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 06:11:18 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	471156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	889837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	843881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	335470	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	363086	47.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.060%
35) Dibromofluoromethane	8.171	113	309196	48.352	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	10.571	98	1037297	44.831	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.853	95	407922	54.936	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.880%

Target Compounds						Qvalue
3) Chloromethane	2.365	50	2127	0.252	ug/l #	85
11) Tert butyl alcohol	5.589	59	37912	32.973	ug/l #	70
13) Acrolein	4.212	56	103195	90.136	ug/l #	16
16) Acetone	4.436	43	3639191	1201.032	ug/l #	57
18) Methyl Acetate	5.024	43	16106	1.086	ug/l #	87
20) Methylene Chloride	5.271	84	2539	Below Cal	#	86
22) Diisopropyl ether	6.777	45	1037944	51.526	ug/l #	1
23) Vinyl Acetate	6.777	43	2480507	218.914	ug/l #	62
25) 2-Butanone	7.494	43	99382	22.098	ug/l #	76
29) Tetrahydrofuran	7.847	42	892	0.307	ug/l #	34
31) Cyclohexane	8.224	56	16063	1.482	ug/l #	18
36) 1,1-Dichloropropene	8.224	75	45267	4.717	ug/l #	47
37) Ethyl Acetate	7.494	43	99382	10.407	ug/l #	63
38) Carbon Tetrachloride	8.230	117	52215	5.434	ug/l #	15
39) Methylcyclohexane	9.600	83	2771	0.301	ug/l #	82
40) Benzene	8.612	78	876032	30.735	ug/l	100
42) 1,2-Dichloroethane	8.659	62	3121	0.301	ug/l #	73
43) Isopropyl Acetate	8.724	43	25755	1.539	ug/l #	49
45) 1,2-Dichloropropane	9.630	63	2755	0.367	ug/l #	1
48) Methyl methacrylate	9.659	41	47981	6.692	ug/l #	3
49) 1,4-Dioxane	9.647	88	57	0.432	ug/l #	1
52) Toluene	10.635	92	938599	55.943	ug/l	97
53) t-1,3-Dichloropropene	10.806	75	13411	1.330	ug/l #	52
55) 1,1,2-Trichloroethane	10.947	97	1939	0.288	ug/l #	1
56) Ethyl methacrylate	10.947	69	4739	0.512	ug/l #	1
59) 2-Hexanone	10.947	43	323546	47.473	ug/l	85
67) Ethyl Benzene	11.965	91	274350	8.399	ug/l	96
68) m/p-Xylenes	12.071	106	377143	31.776	ug/l	91
69) o-Xylene	12.400	106	159866	13.696	ug/l	87
70) Styrene	12.412	104	96186	5.217	ug/l #	76
71) Bromoform	12.853	173	2227	0.442	ug/l #	1
73) Isopropylbenzene	12.700	105	16443	0.527	ug/l	99
74) N-amyl acetate	12.459	43	6660	0.521	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.800	83	443475	43.875	ug/l #	33
76) 1,2,3-Trichloropropane	12.853	75	226482	23.415	ug/l #	1
78) n-propylbenzene	13.041	91	35618	1.009	ug/l	93

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 Response via : Initial Calibration

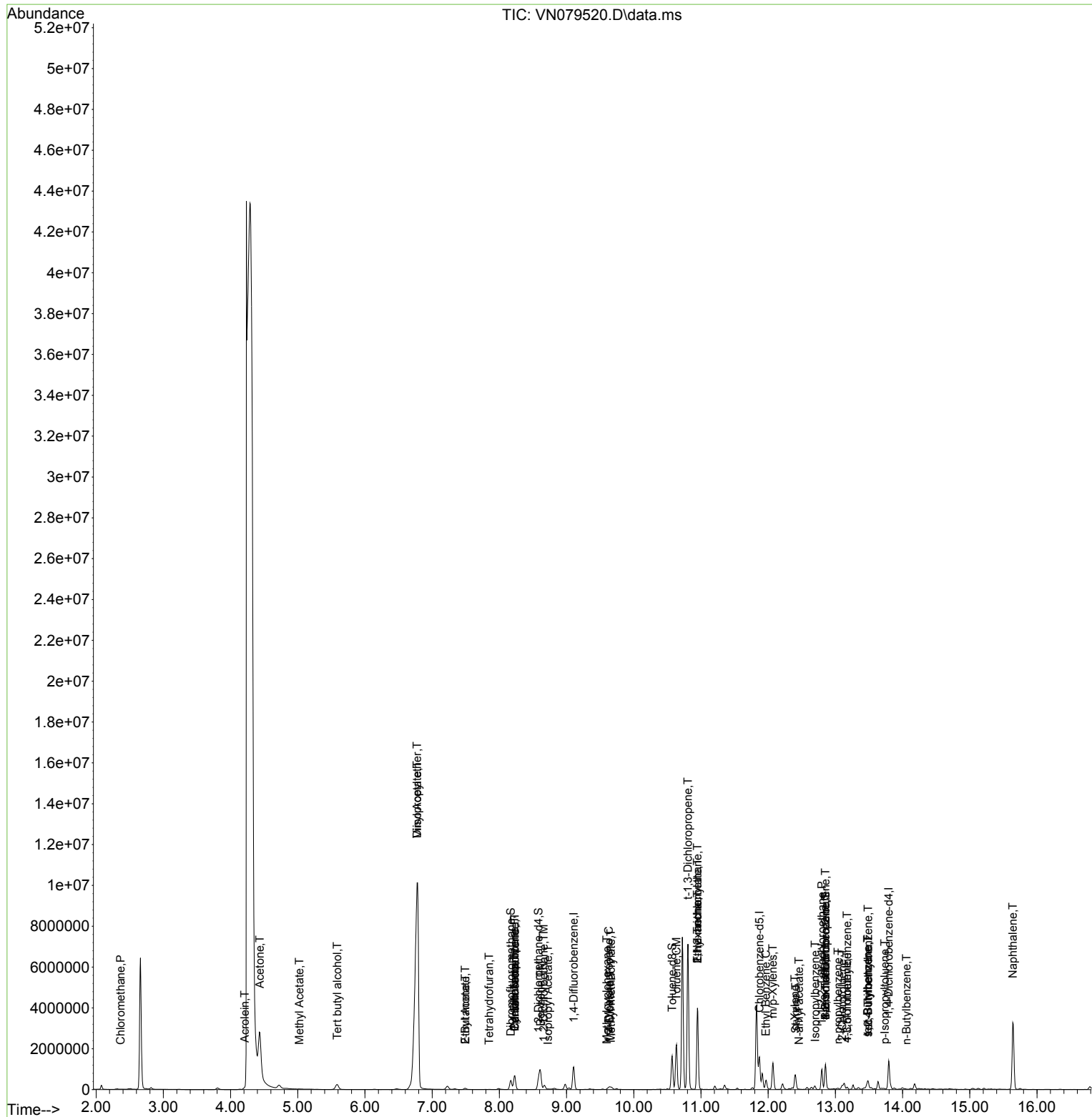
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

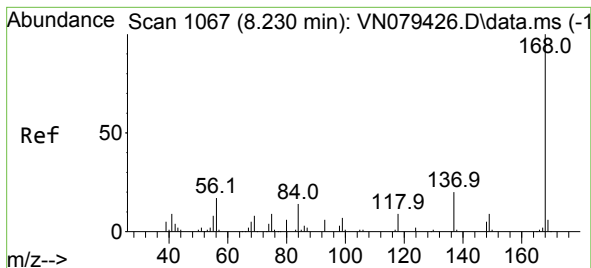
79) 2-Chlorotoluene	13.100	91	17488	0.774	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.176	105	55968	2.274	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	226482	67.940	ug/l #	17
82) 4-Chlorotoluene	13.170	91	5317	0.247	ug/l #	41
83) tert-Butylbenzene	13.482	119	22303	1.106	ug/l #	51
84) 1,2,4-Trimethylbenzene	13.488	105	185463	7.897	ug/l	99
85) sec-Butylbenzene	13.488	105	185463	6.594	ug/l #	57
86) p-Isopropyltoluene	13.735	119	5676	0.263	ug/l	87
89) n-Butylbenzene	14.059	91	3893	0.226	ug/l #	80
90) Hexachloroethane	14.288	117	2010	Below Cal	#	21
95) Naphthalene	15.641	128	2952539	263.686	ug/l	99

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

Instrument :
MSVOA_N
ClientSampleId :

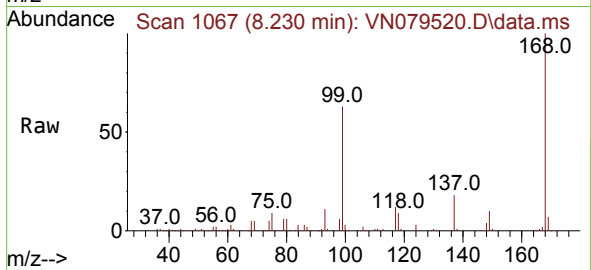
Instrument :
MSVOA_N
ClientSampleId :



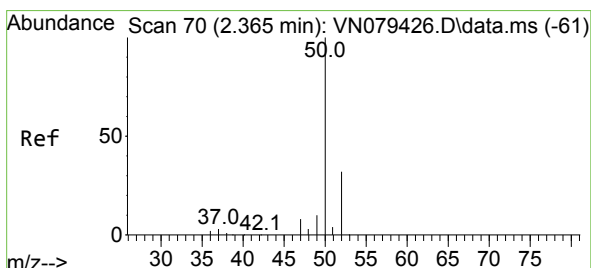
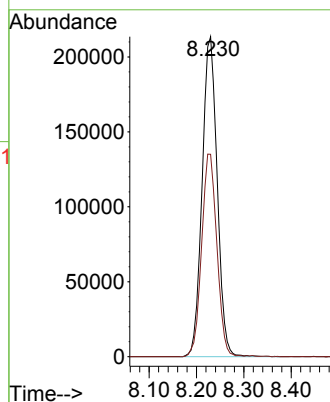
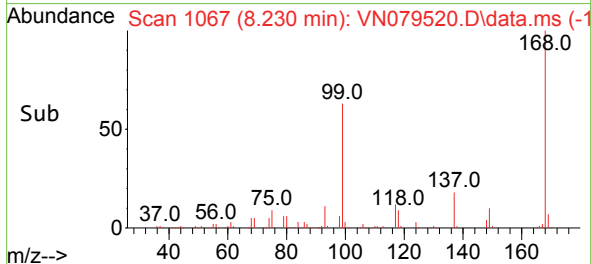


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

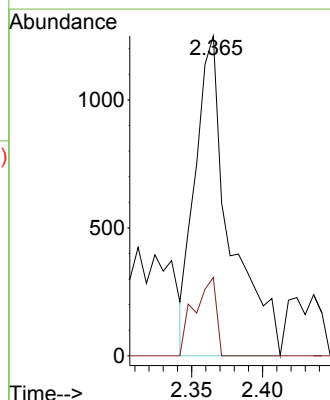
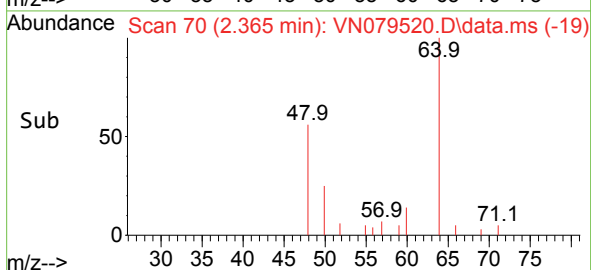
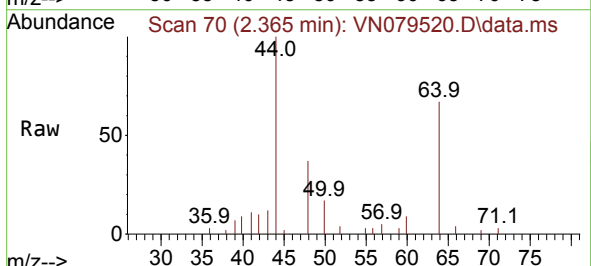


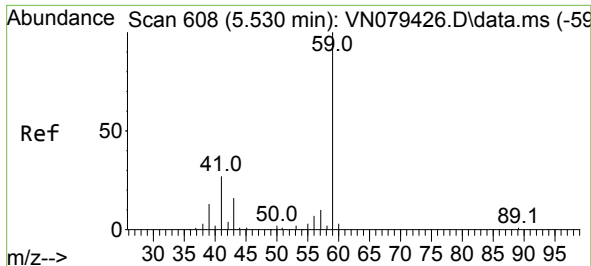
Tgt Ion:168 Resp: 471156
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#3
Chloromethane
Concen: 0.252 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

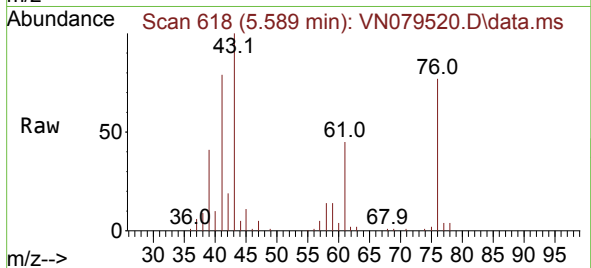
Tgt Ion: 50 Resp: 2127
Ion Ratio Lower Upper
50 100
52 24.5 26.5 39.7#



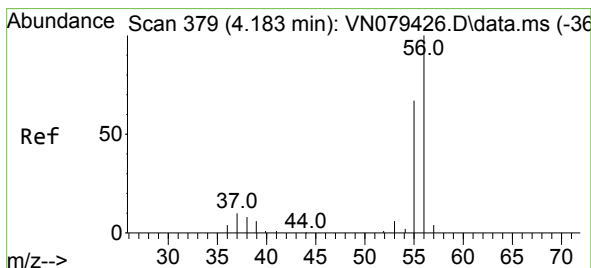
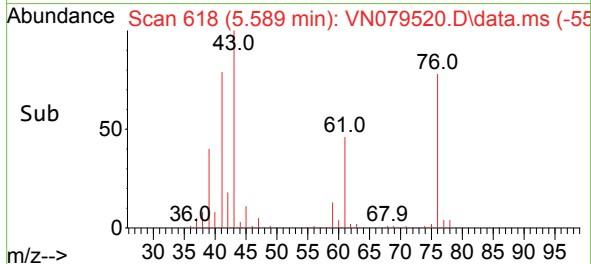
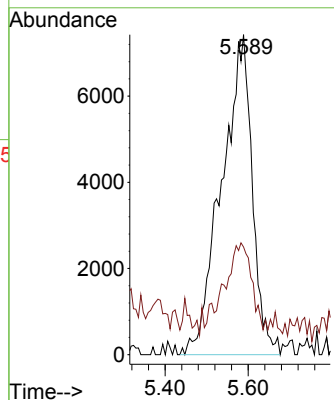


#11
Tert butyl alcohol
Concen: 32.973 ug/l
RT: 5.589 min Scan# 611
Delta R.T. 0.059 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

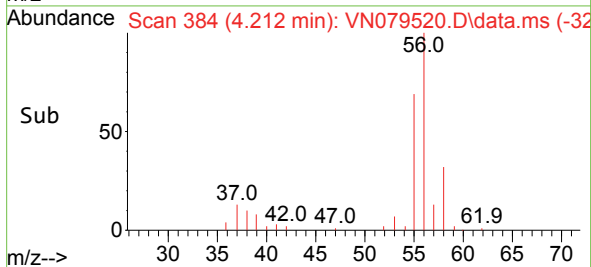
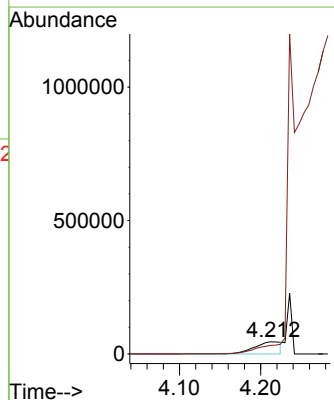
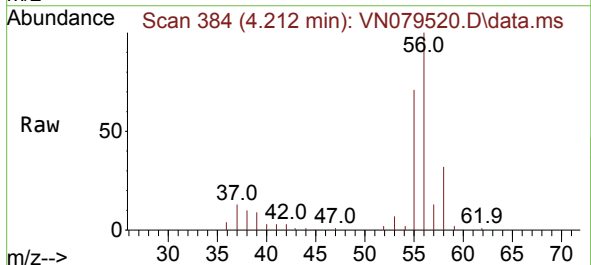


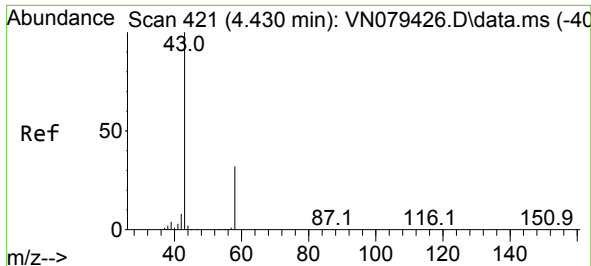
Tgt Ion: 59 Resp: 37912
Ion Ratio Lower Upper
59 100
57 21.7 8.2 12.4#



#13
Acrolein
Concen: 90.136 ug/l
RT: 4.212 min Scan# 384
Delta R.T. 0.029 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 56 Resp: 103195
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

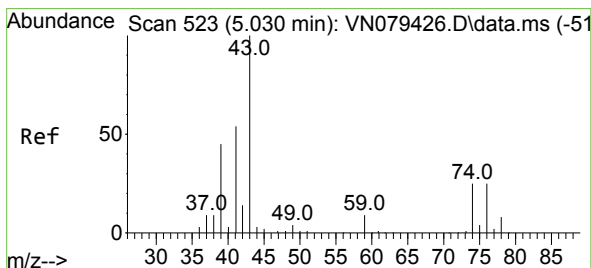
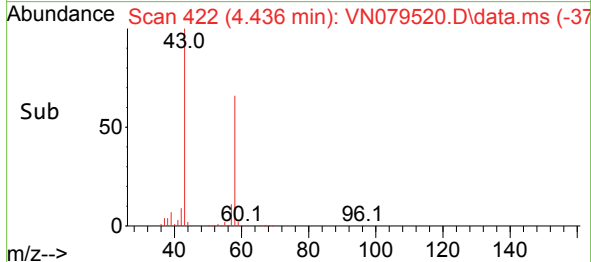
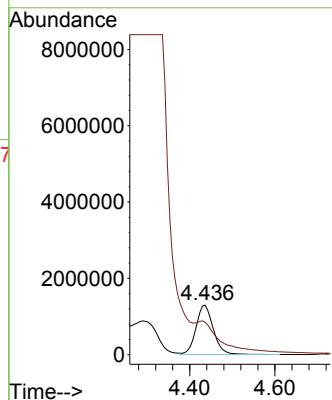
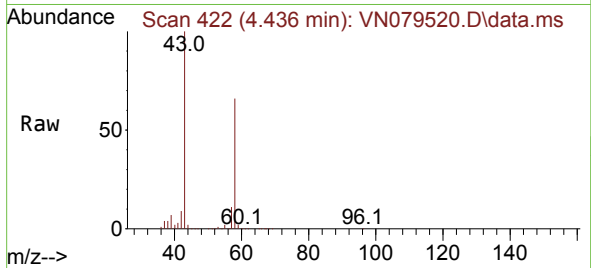




#16
Acetone
Concen: 1201.032 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

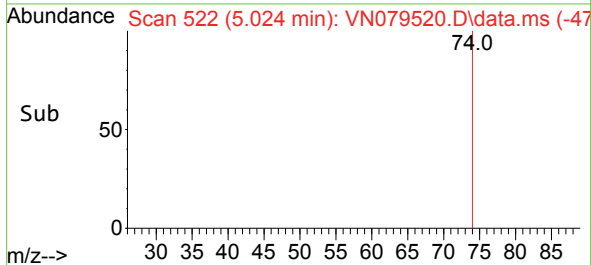
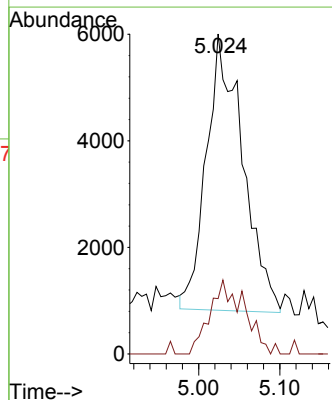
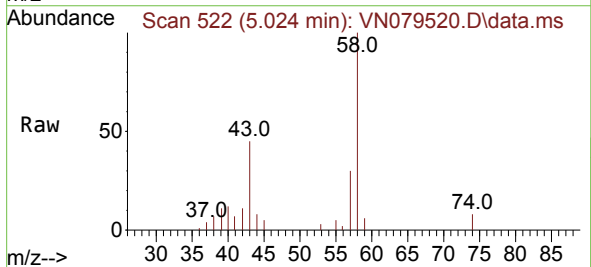
Instrument :
MSVOA_N
ClientSampleId :

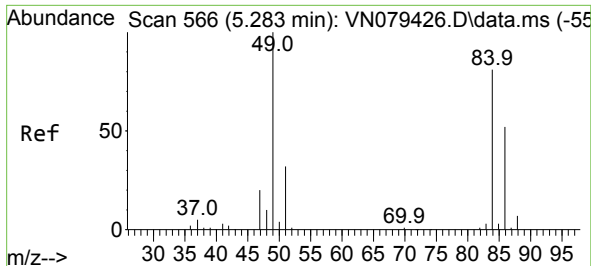
Tgt Ion: 43 Resp: 3639191
Ion Ratio Lower Upper
43 100
58 59.9 28.0 42.0#



#18
Methyl Acetate
Concen: 1.086 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

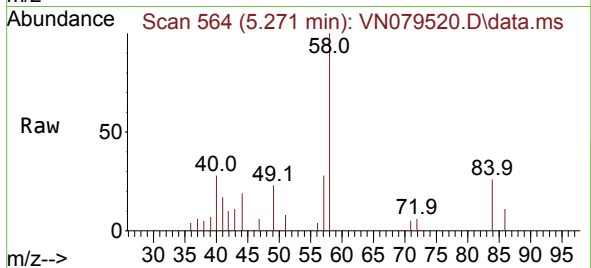
Tgt Ion: 43 Resp: 16106
Ion Ratio Lower Upper
43 100
74 25.6 26.2 39.4#





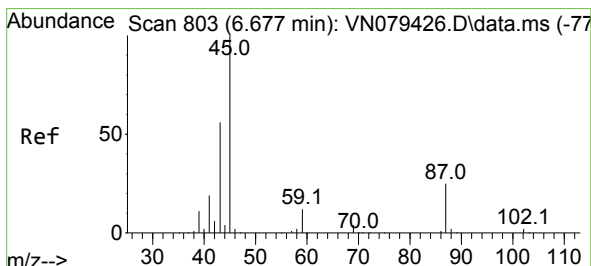
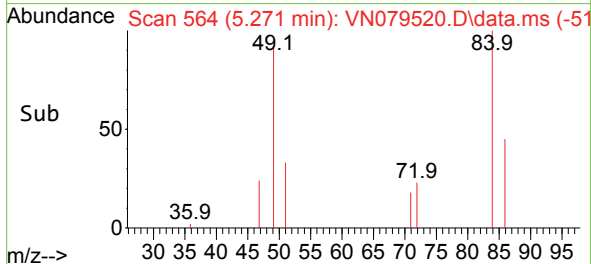
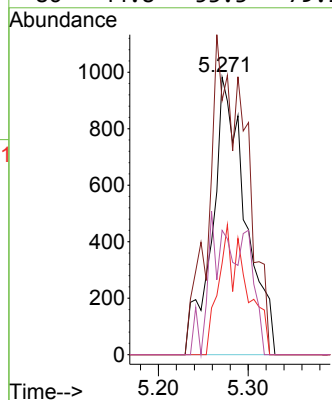
#20
Methylene Chloride
Concen: Below Cal
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 2539

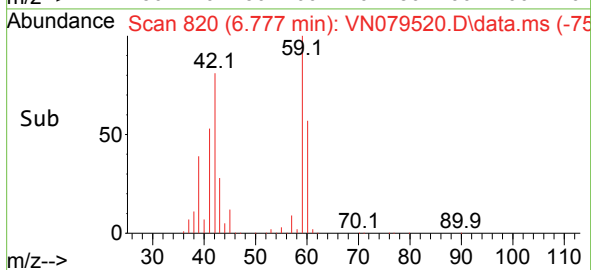
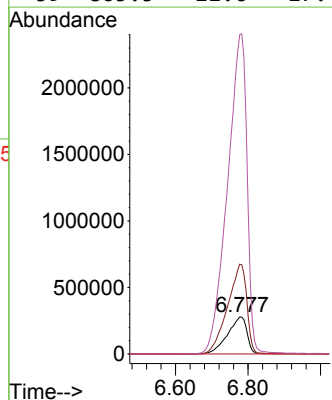
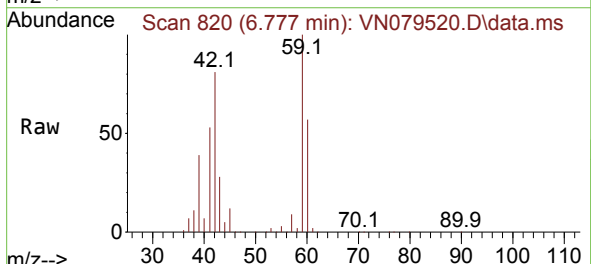
Ion	Ratio	Lower	Upper
84	100		
49	91.6	79.7	119.5
51	33.0	25.2	37.8
86	44.8	53.3	79.9#

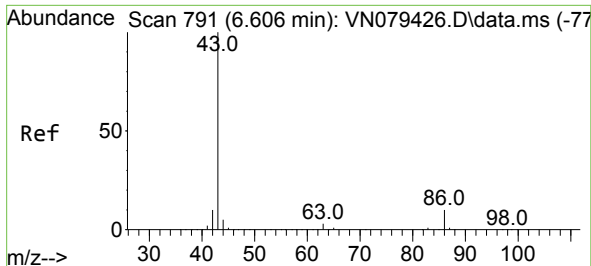


#22
Diisopropyl ether
Concen: 51.526 ug/l
RT: 6.777 min Scan# 820
Delta R.T. 0.100 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 45 Resp: 1037944

Ion	Ratio	Lower	Upper
45	100		
43	243.4	45.5	68.3#
87	0.0	31.8	47.8#
59	865.5	11.6	17.4#

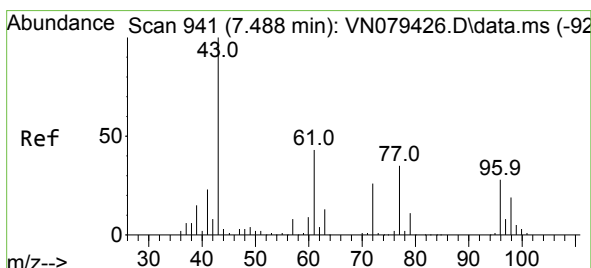
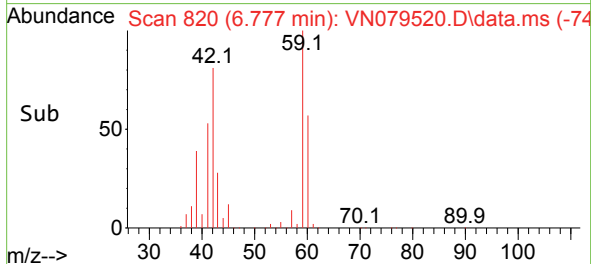
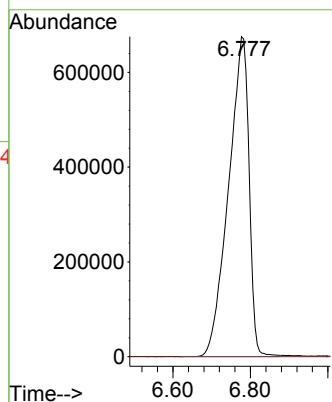
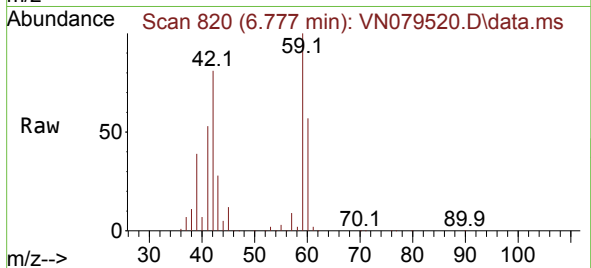




#23
 Vinyl Acetate
 Concen: 218.914 ug/l
 RT: 6.777 min Scan# 81
 Delta R.T. 0.171 min
 Lab File: VN079520.D
 Acq: 11 Oct 2023 16:24

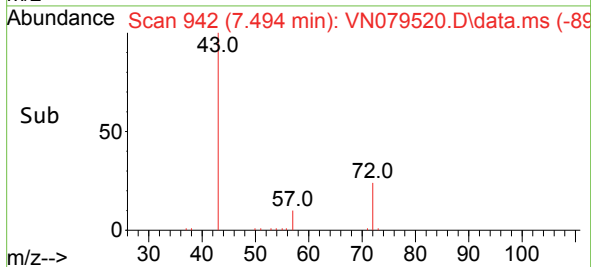
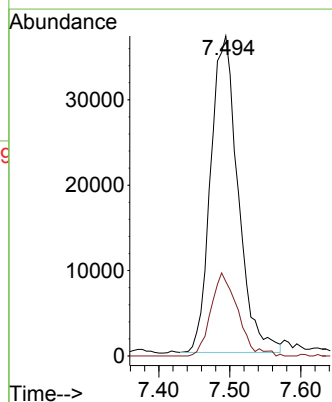
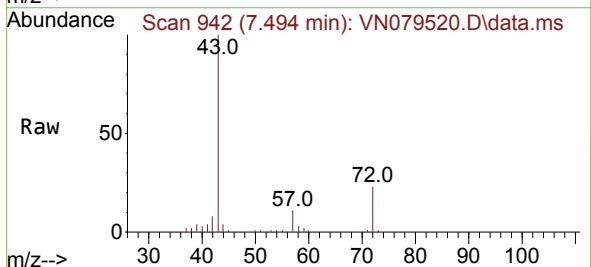
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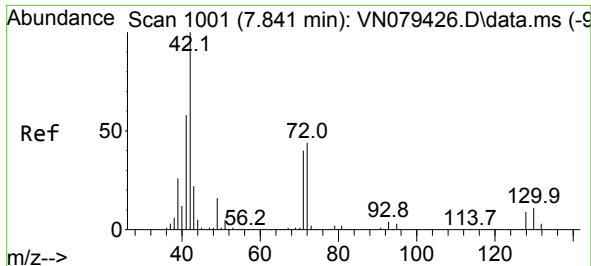
Tgt Ion: 43 Resp: 2480507
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#25
 2-Butanone
 Concen: 22.098 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN079520.D
 Acq: 11 Oct 2023 16:24

Tgt Ion: 43 Resp: 99382
 Ion Ratio Lower Upper
 43 100
 72 23.5 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.307 ug/l

RT: 7.847 min Scan# 1066

Delta R.T. 0.006 min

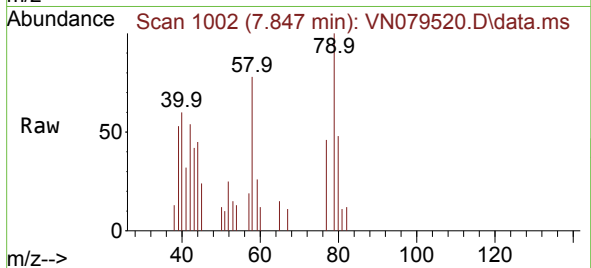
Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

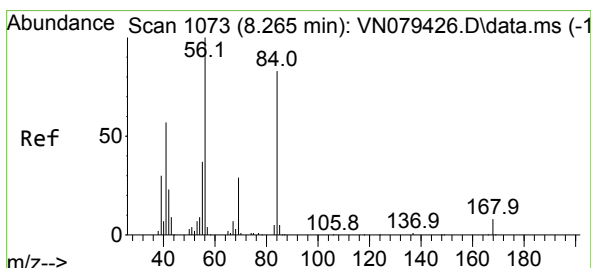
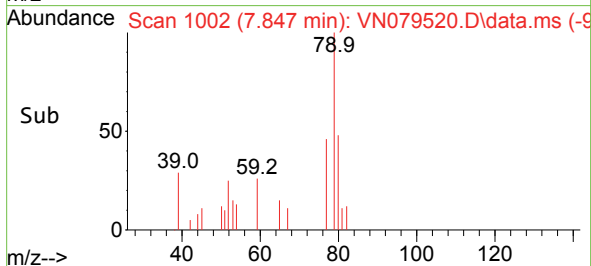
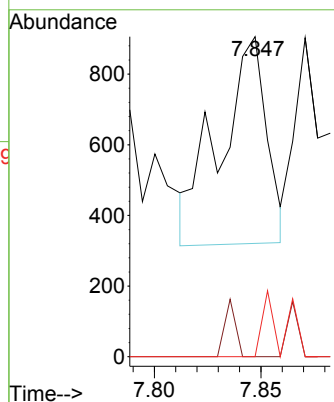
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	892
Ion Ratio	Lower	Upper	
42	100		
72	6.5	49.8	74.6#
71	13.9	47.4	71.2#



#31

Cyclohexane

Concen: 1.482 ug/l

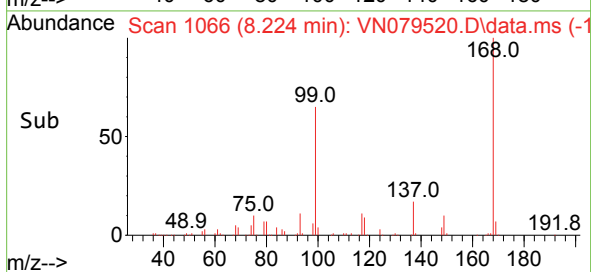
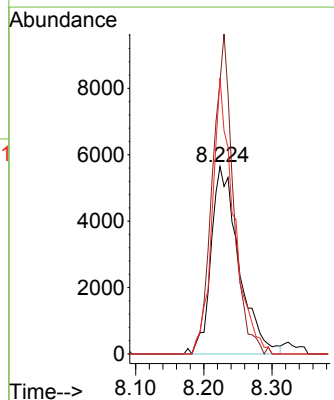
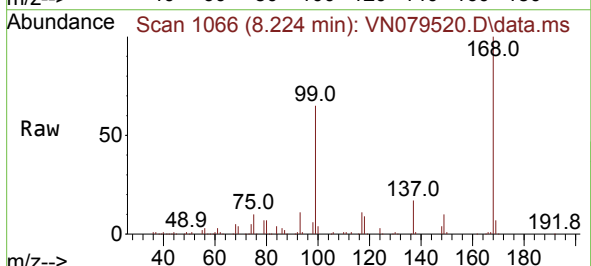
RT: 8.224 min Scan# 1066

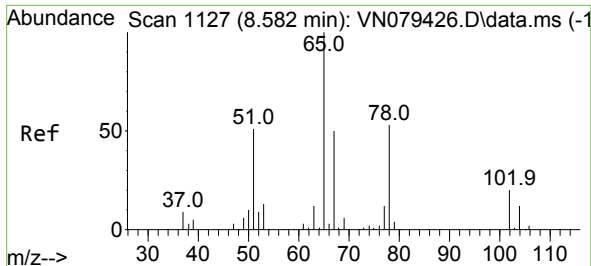
Delta R.T. -0.041 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Tgt Ion:	56	Resp:	16063
Ion Ratio	Lower	Upper	
56	100		
69	145.2	26.8	40.2#
84	147.4	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 47.528 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

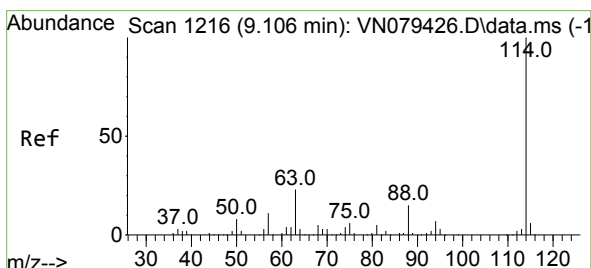
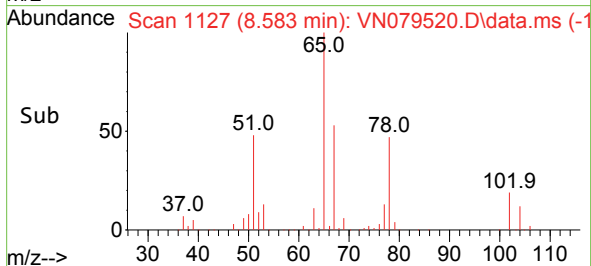
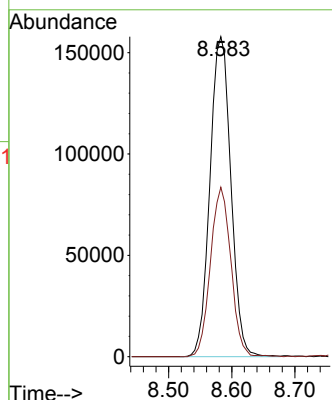
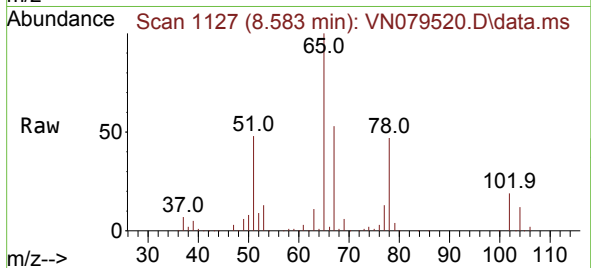
ClientSampleId :

Tgt Ion: 65 Resp: 363086

Ion Ratio Lower Upper

65 100

67 51.8 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: VN079520.D

Acq: 11 Oct 2023 16:24

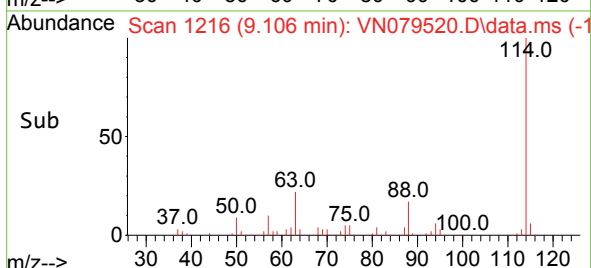
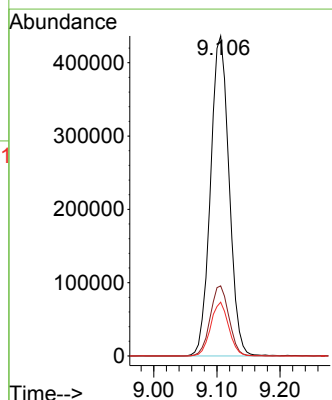
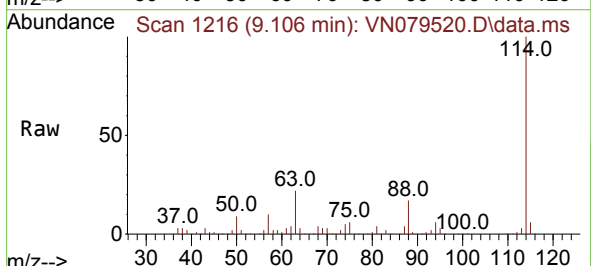
Tgt Ion: 114 Resp: 889837

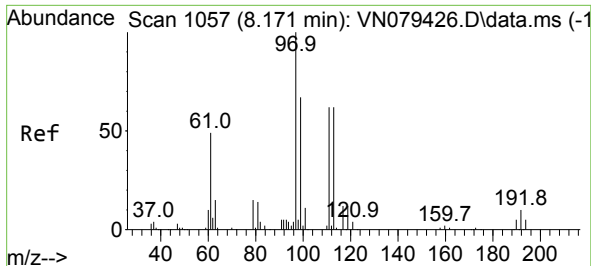
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

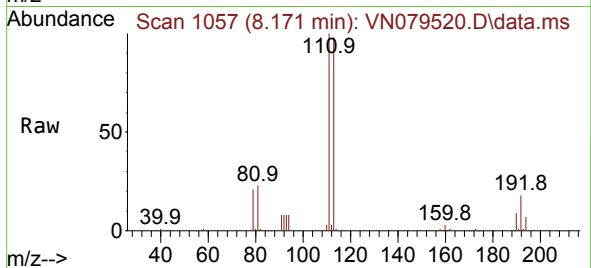
88 16.8 0.0 30.6



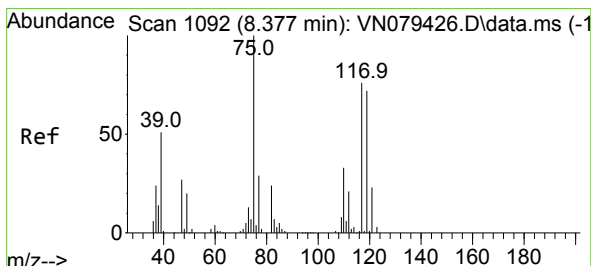
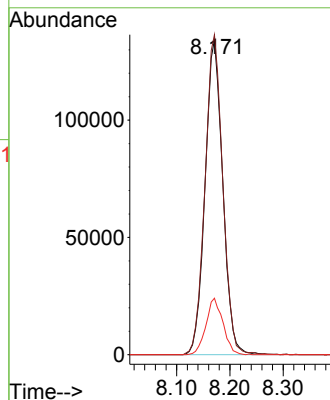
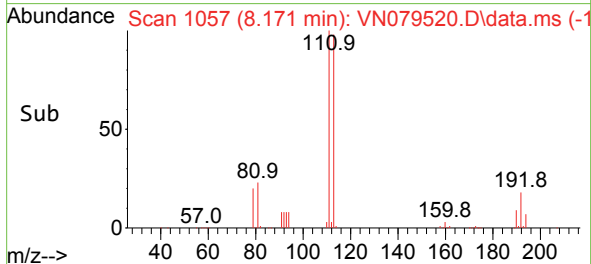


#35
Dibromofluoromethane
Concen: 48.352 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

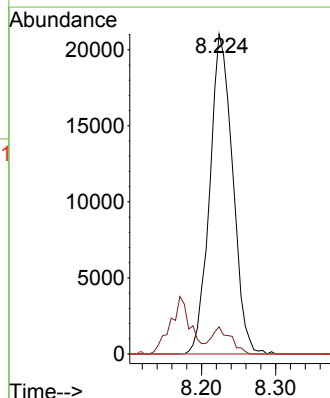
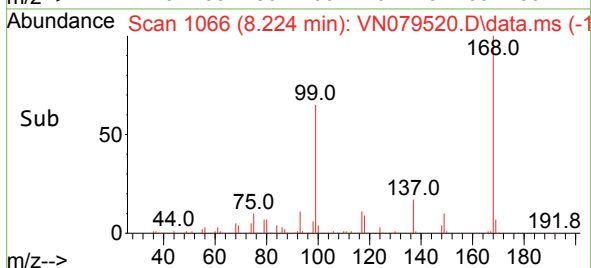
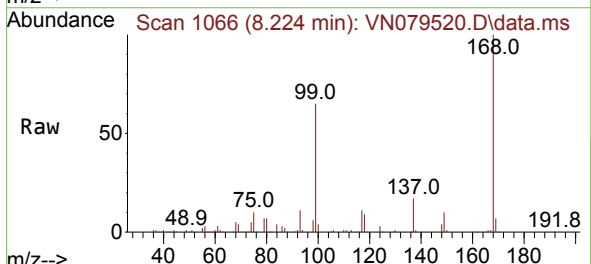


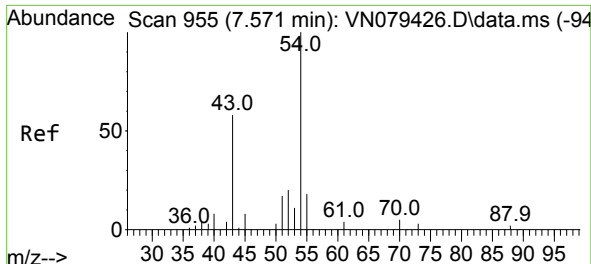
Tgt Ion:113 Resp: 309196
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.717 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.153 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

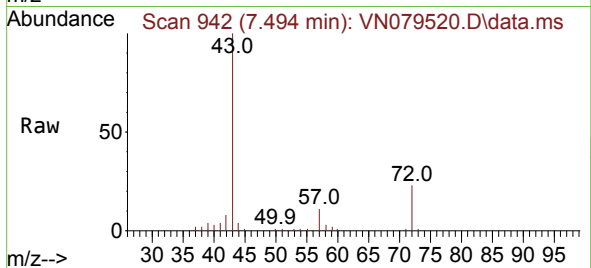
Tgt Ion: 75 Resp: 45267
Ion Ratio Lower Upper
75 100
110 7.4 19.1 57.3#
77 0.0 25.0 37.4#



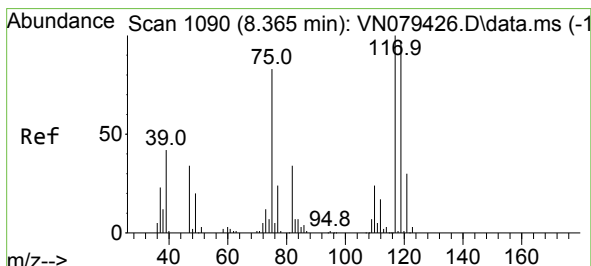
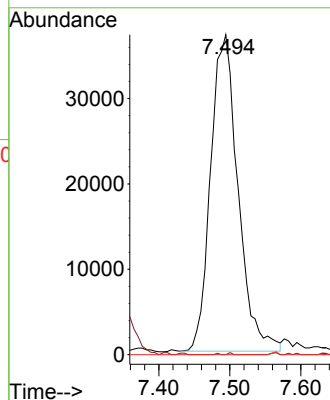
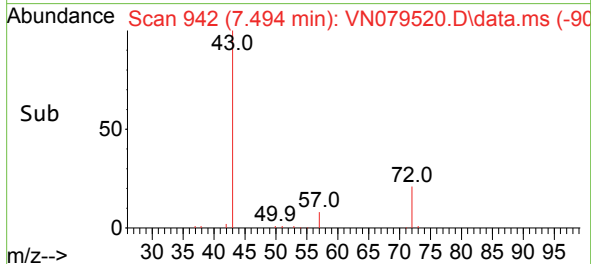


#37
Ethyl Acetate
Concen: 10.407 ug/l
RT: 7.494 min Scan# 94
Delta R.T. -0.076 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

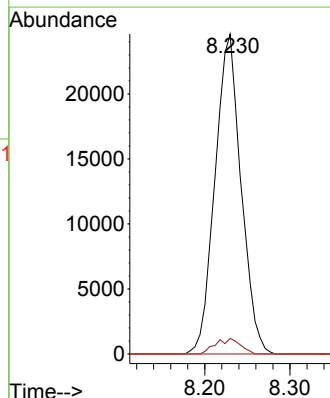
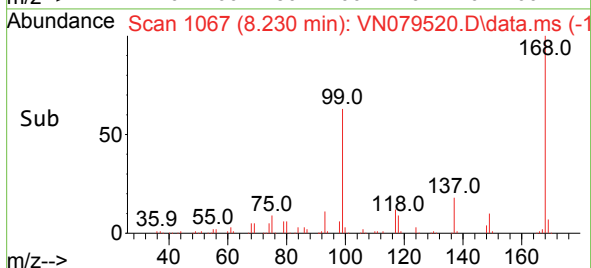
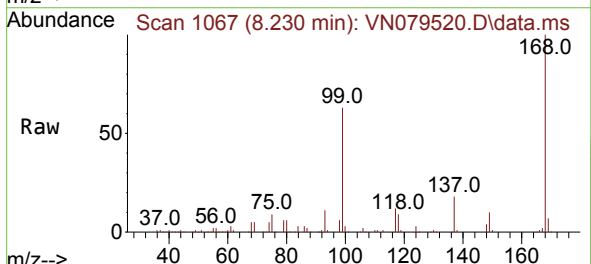


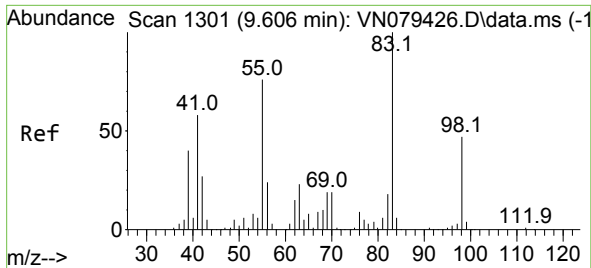
Tgt Ion: 43 Resp: 99382
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

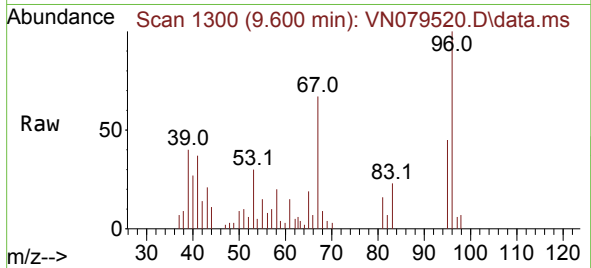
Tgt Ion: 117 Resp: 52215
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 23.3 34.9#



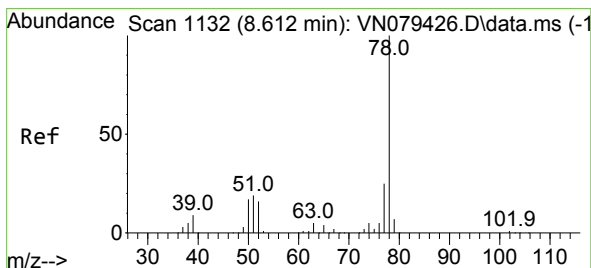
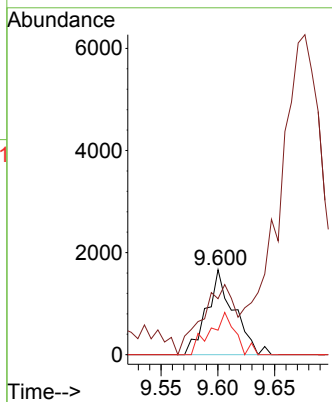
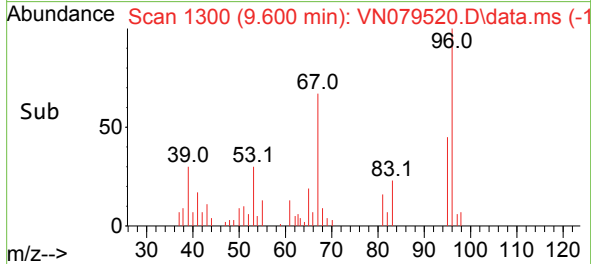


#39
Methylcyclohexane
Concen: 0.301 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

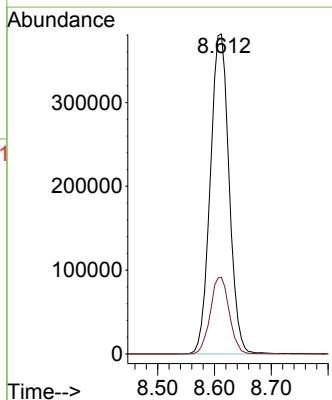
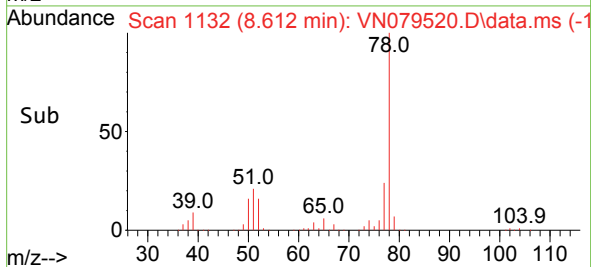
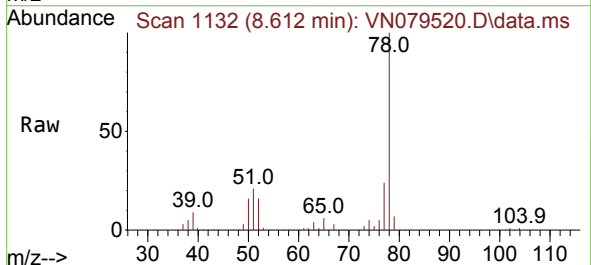


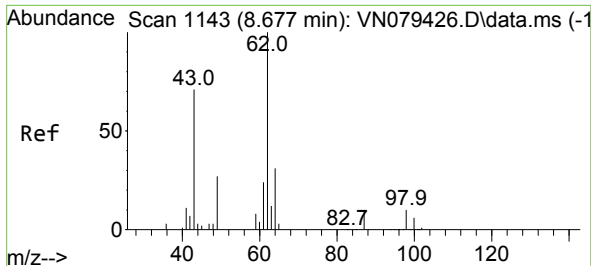
Tgt Ion: 83 Resp: 2771
Ion Ratio Lower Upper
83 100
55 65.9 49.1 73.7
98 28.8 40.6 61.0#



#40
Benzene
Concen: 30.735 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 78 Resp: 876032
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.301 ug/l

RT: 8.659 min Scan# 111

Delta R.T. -0.018 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

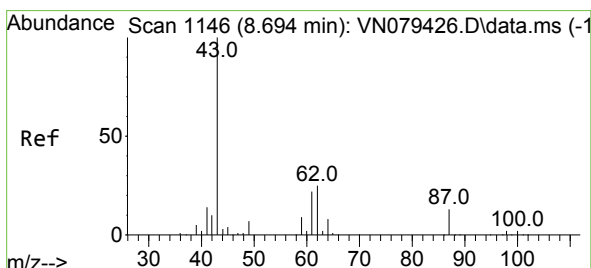
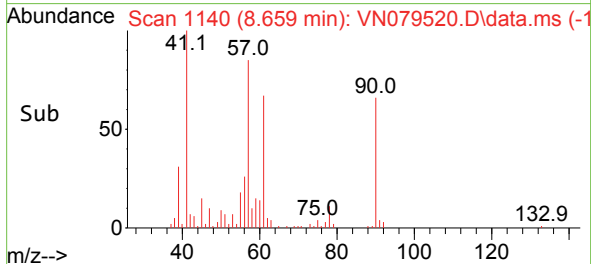
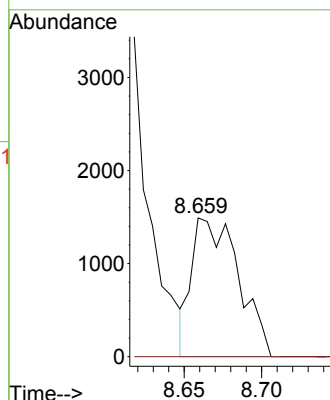
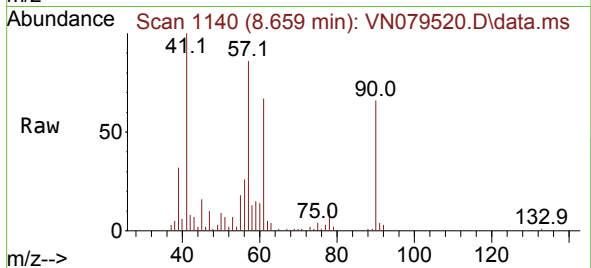
ClientSampleId :

Tgt Ion: 62 Resp: 3121

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 1.539 ug/l

RT: 8.724 min Scan# 1151

Delta R.T. 0.029 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

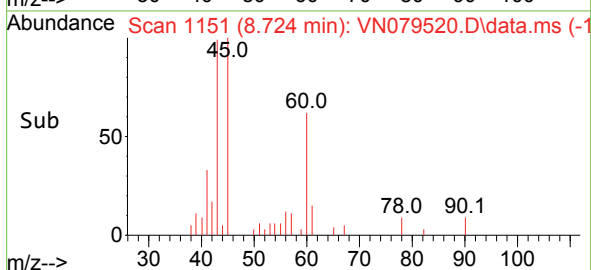
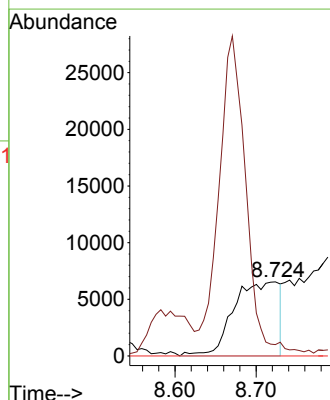
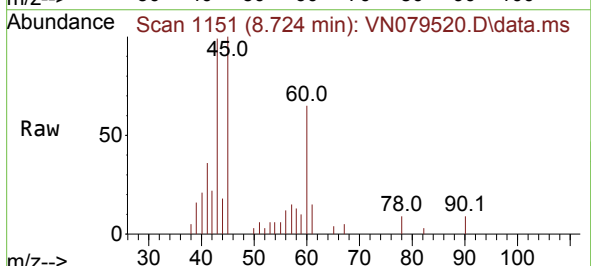
Tgt Ion: 43 Resp: 25755

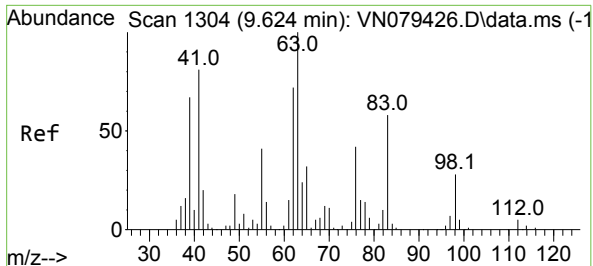
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.367 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

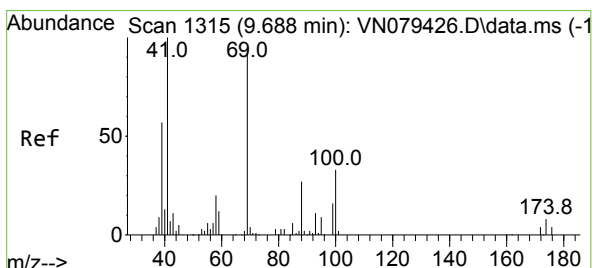
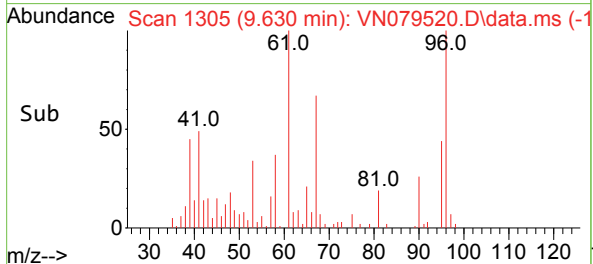
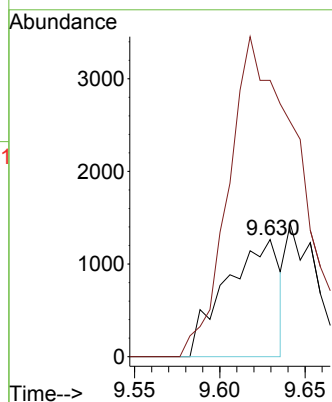
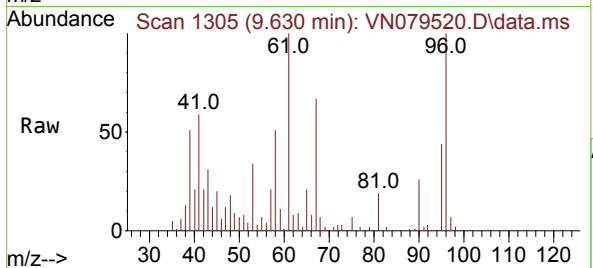
ClientSampleId :

Tgt Ion: 63 Resp: 2755

Ion Ratio Lower Upper

63 100

65 235.8 23.9 35.9#



#48

Methyl methacrylate

Concen: 6.692 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.029 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

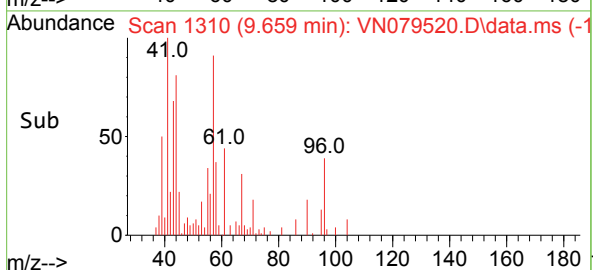
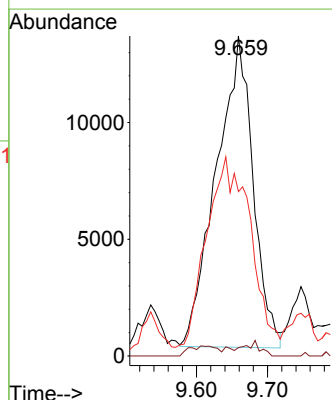
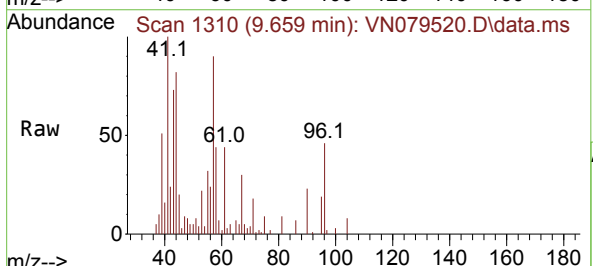
Tgt Ion: 41 Resp: 47981

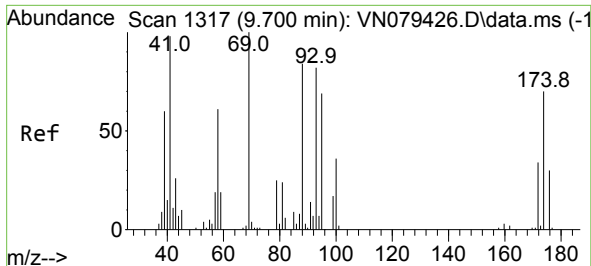
Ion Ratio Lower Upper

41 100

69 0.4 90.4 135.6#

39 0.0 54.6 81.8#





#49

1,4-Dioxane

Concen: 0.432 ug/l

RT: 9.647 min Scan# 11

Delta R.T. -0.053 min

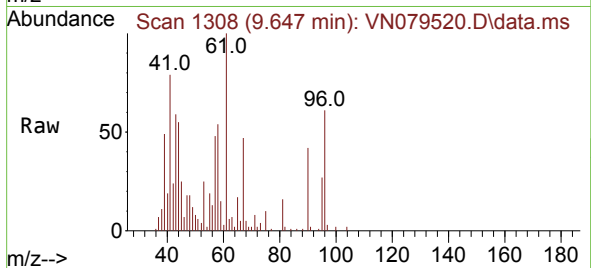
Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :



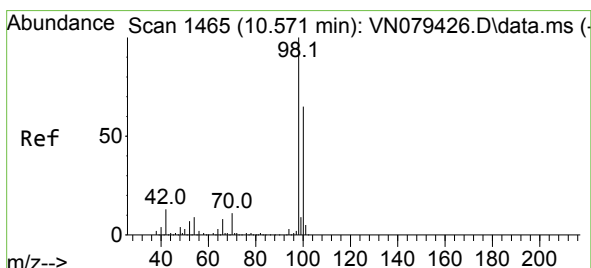
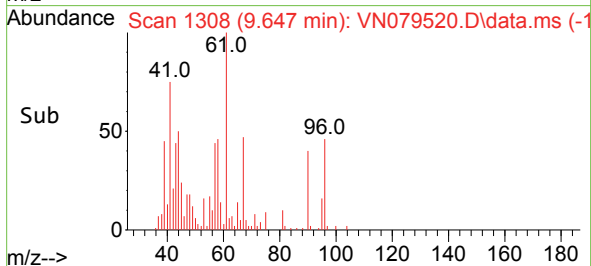
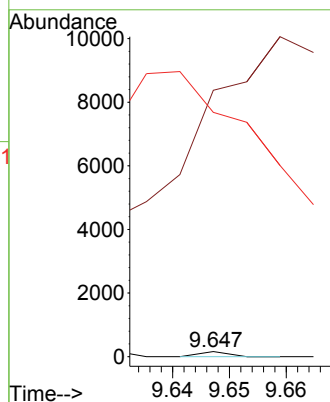
Tgt Ion: 88 Resp: 57

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 41673.7 47.0 70.4#



#50

Toluene-d8

Concen: 44.831 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079520.D

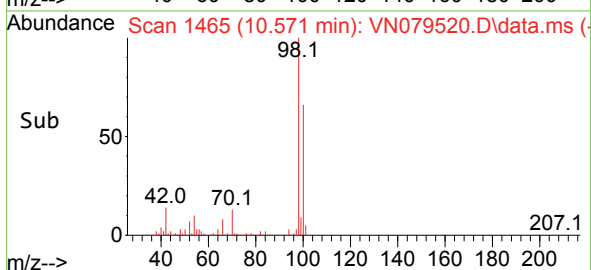
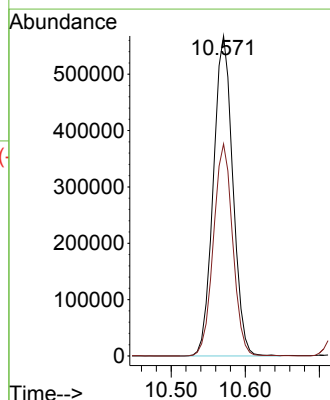
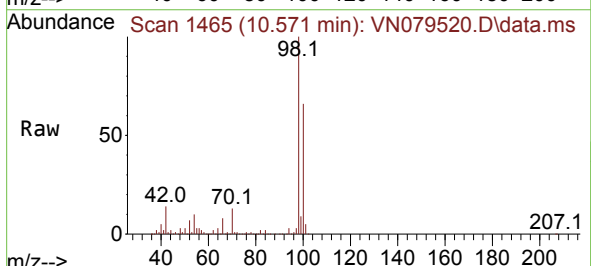
Acq: 11 Oct 2023 16:24

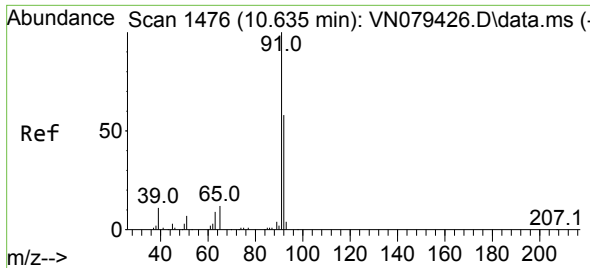
Tgt Ion: 98 Resp: 1037297

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

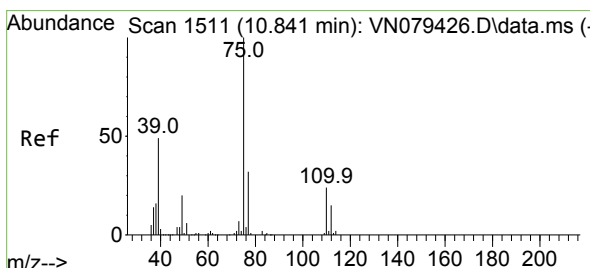
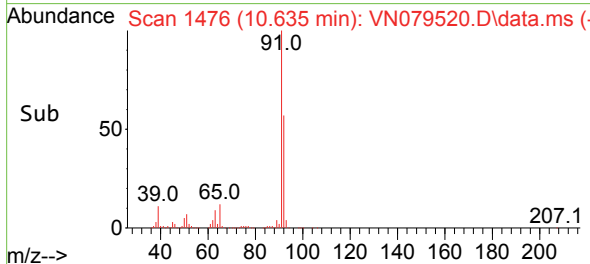
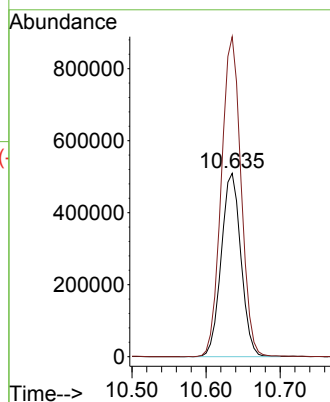
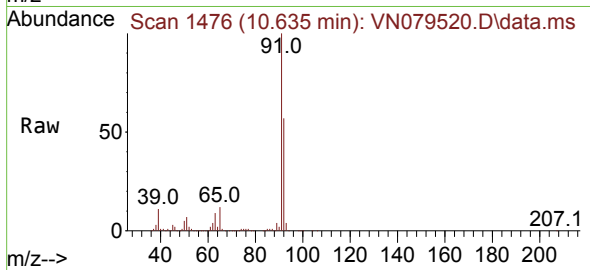




#52
Toluene
Concen: 55.943 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

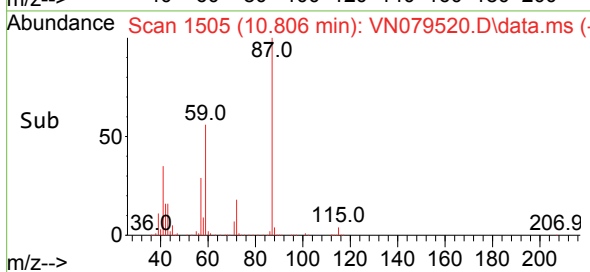
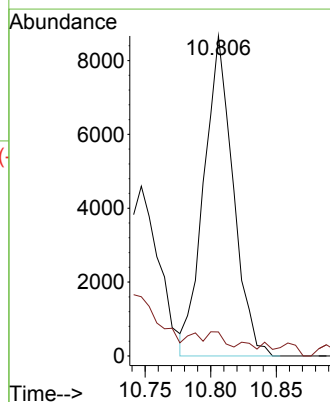
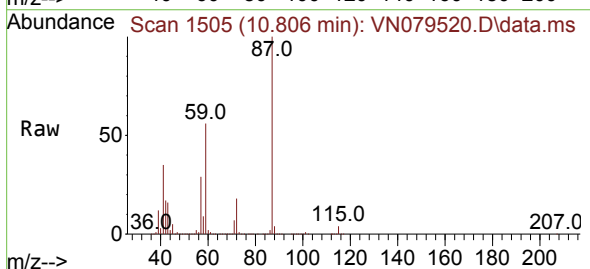
Instrument :
MSVOA_N
ClientSampleId :

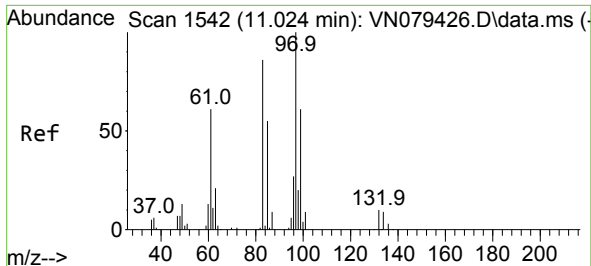
Tgt Ion: 92 Resp: 938599
Ion Ratio Lower Upper
92 100
91 175.4 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 1.330 ug/l
RT: 10.806 min Scan# 1505
Delta R.T. -0.035 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

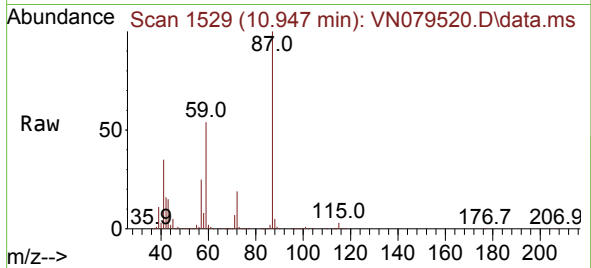
Tgt Ion: 75 Resp: 13411
Ion Ratio Lower Upper
75 100
77 4.9 25.4 38.0#



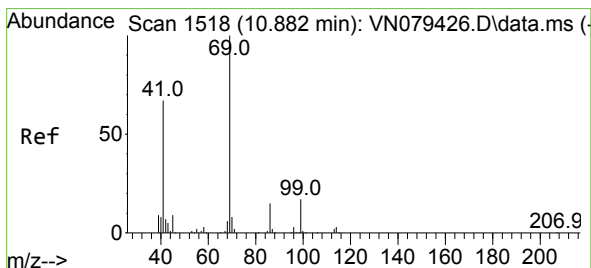
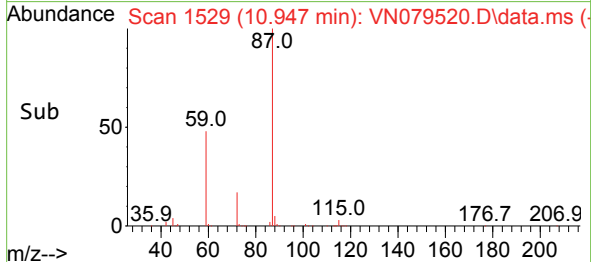
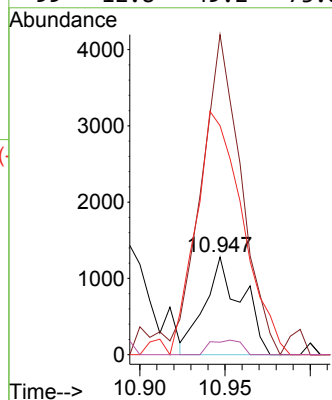


#55
1,1,2-Trichloroethane
Concen: 0.288 ug/l
RT: 10.947 min Scan# 1529
Delta R.T. -0.076 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :

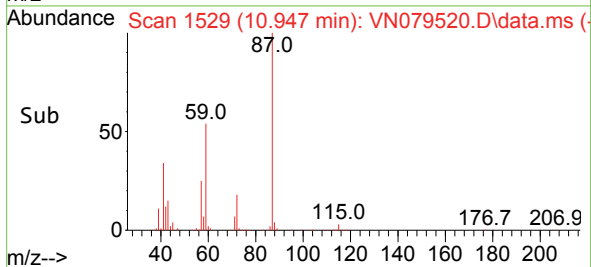
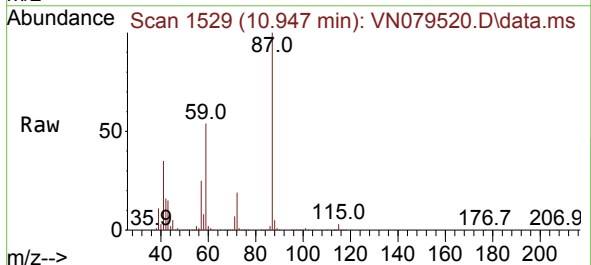
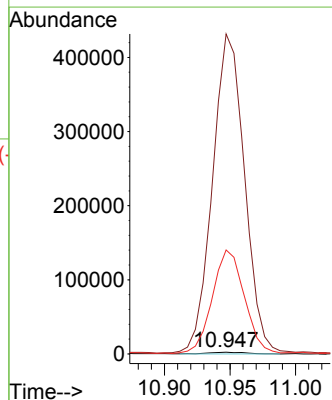


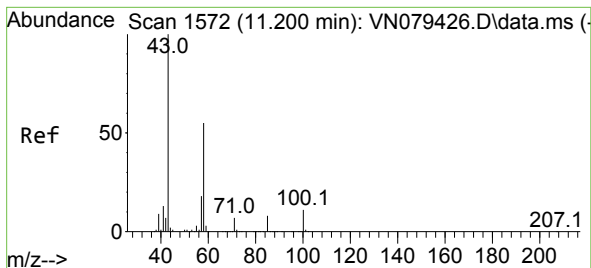
Tgt Ion: 97 Resp: 1939
Ion Ratio Lower Upper
97 100
83 327.8 65.1 97.7#
85 222.5 43.4 65.2#
99 12.8 49.2 73.8#



#56
Ethyl methacrylate
Concen: 0.512 ug/l
RT: 10.947 min Scan# 1529
Delta R.T. 0.065 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 69 Resp: 4739
Ion Ratio Lower Upper
69 100
41 15506.6 39.6 59.4#
39 4966.7 28.6 43.0#

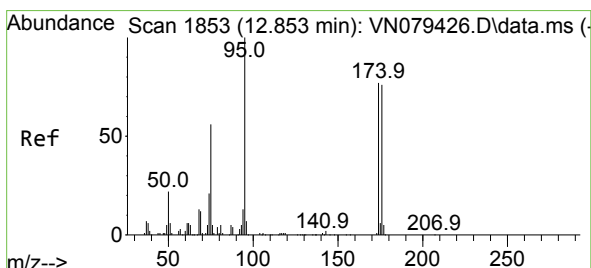
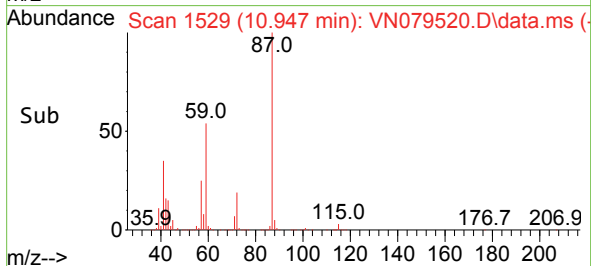
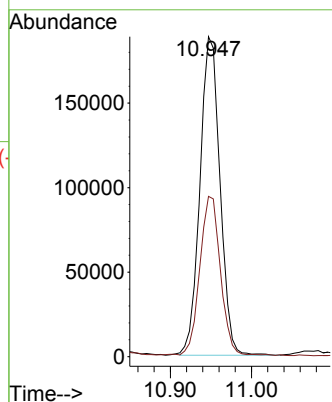
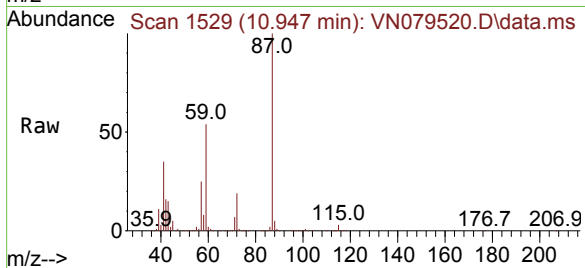




#59
2-Hexanone
Concen: 47.473 ug/l
RT: 10.947 min Scan# 1529
Delta R.T. -0.253 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

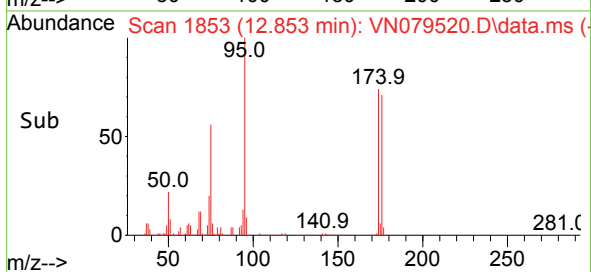
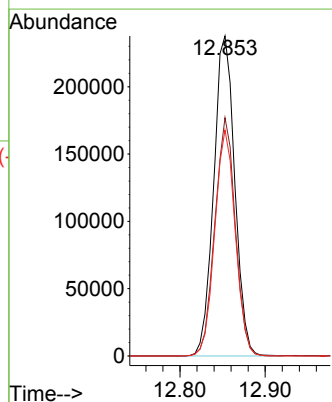
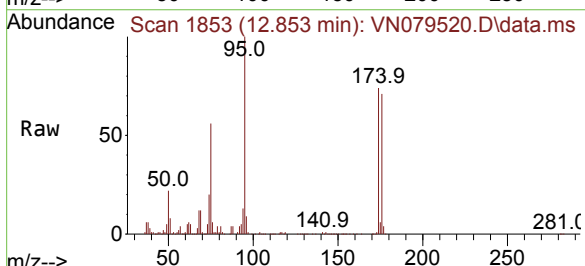
Instrument :
MSVOA_N
ClientSampleId :

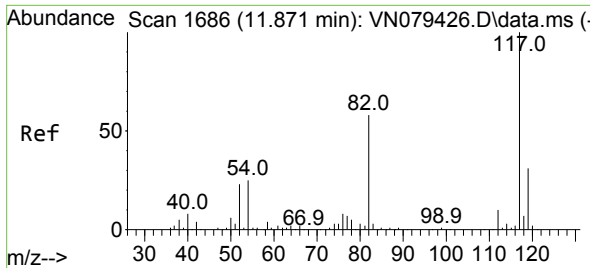
Tgt Ion: 43 Resp: 323546
Ion Ratio Lower Upper
43 100
58 51.4 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 54.936 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 95 Resp: 407922
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 68.7 0.0 135.8

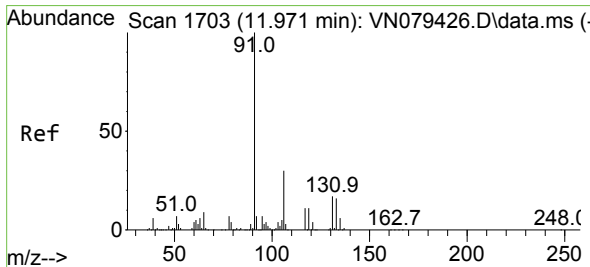
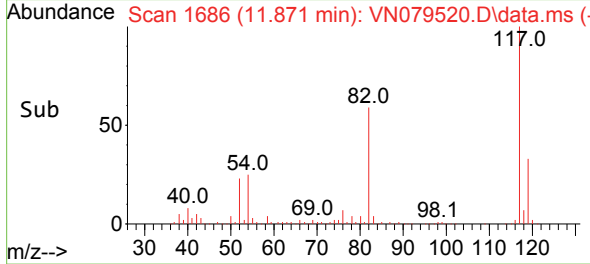
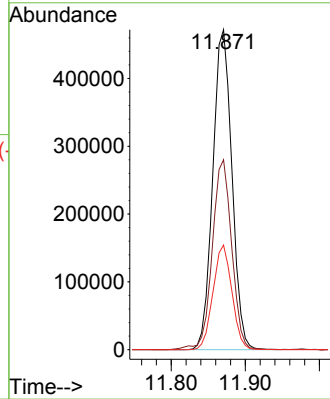
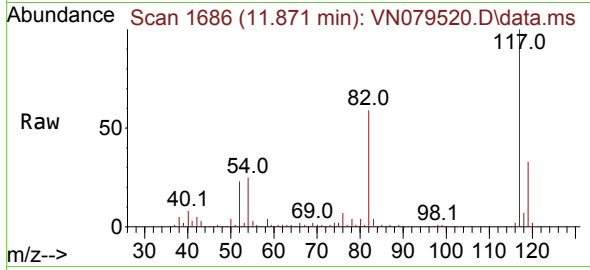




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

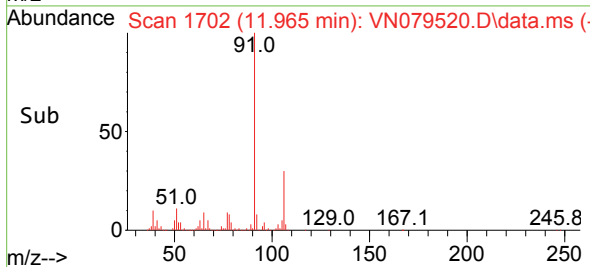
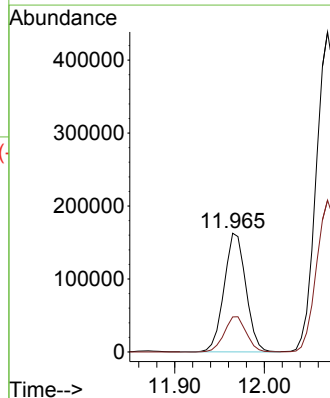
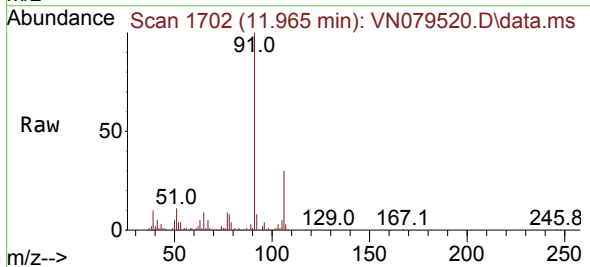
Instrument :
MSVOA_N
ClientSampleId :

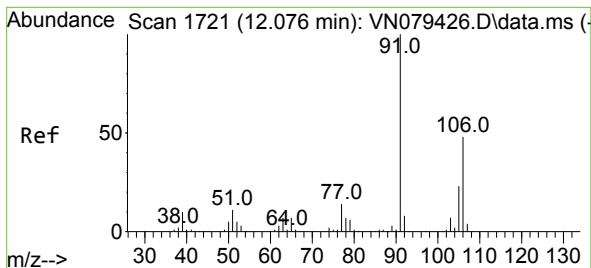
Tgt Ion:117 Resp: 843881
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 32.7 25.6 38.4



#67
Ethyl Benzene
Concen: 8.399 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 91 Resp: 274350
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

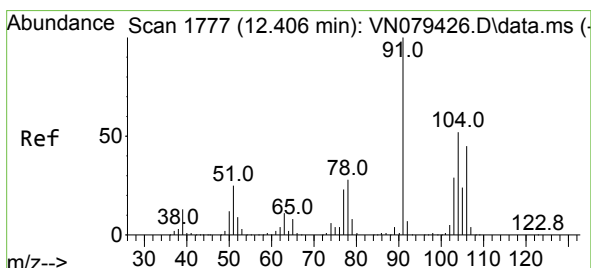
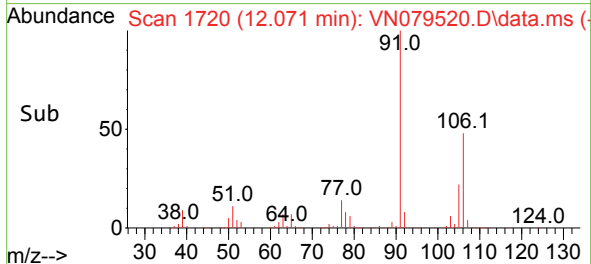
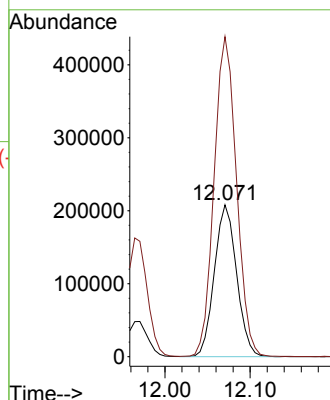
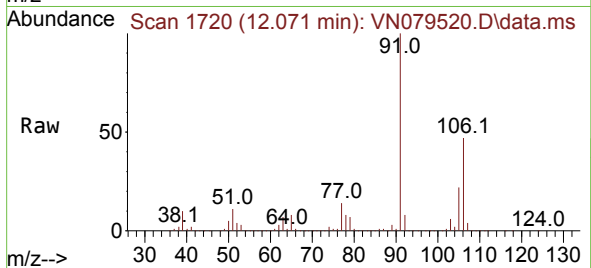




#68
m/p-Xylenes
Concen: 31.776 ug/l
RT: 12.071 min Scan# 1721
Delta R.T. -0.005 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

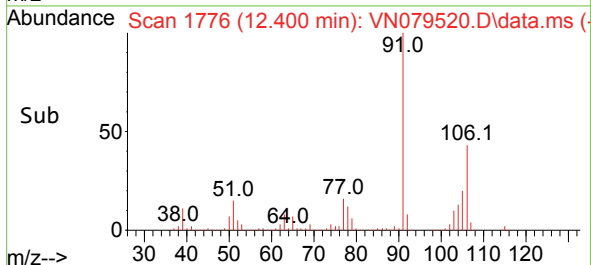
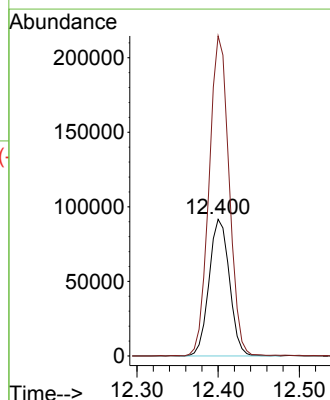
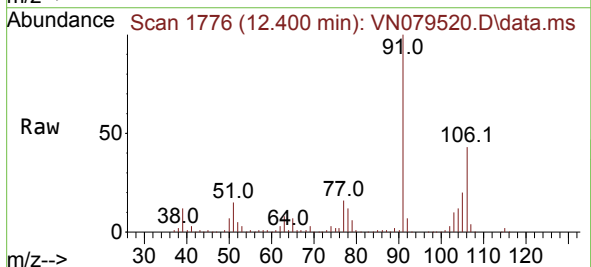
Instrument :
MSVOA_N
ClientSampleId :

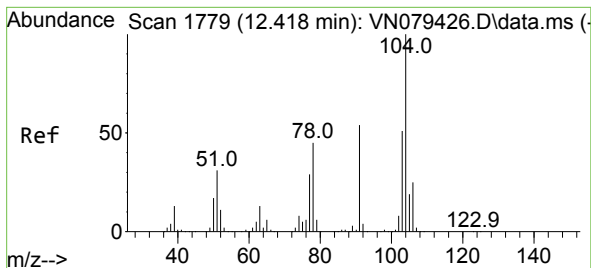
Tgt Ion:106 Resp: 377143
Ion Ratio Lower Upper
106 100
91 212.8 159.6 239.4



#69
o-Xylene
Concen: 13.696 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion:106 Resp: 159866
Ion Ratio Lower Upper
106 100
91 230.7 105.2 315.5





#70

Styrene

Concen: 5.217 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.006 min

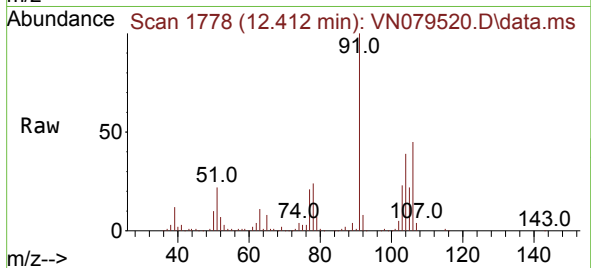
Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :



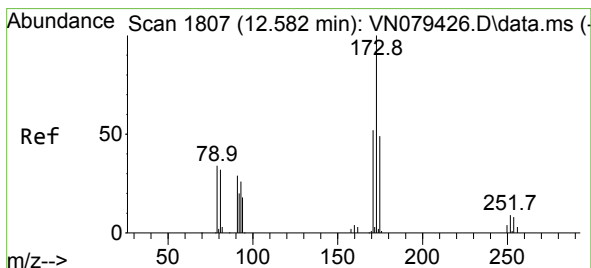
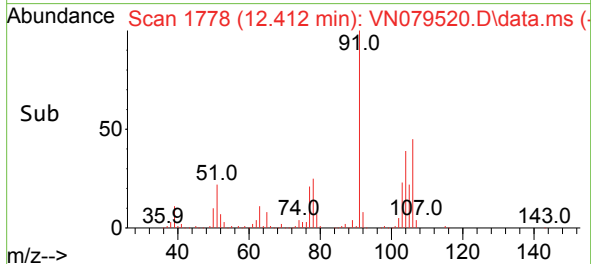
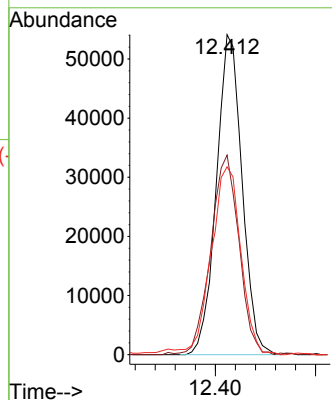
Tgt Ion:104 Resp: 96186

Ion Ratio Lower Upper

104 100

78 68.7 39.5 59.3#

103 69.1 43.2 64.8#



#71

Bromoform

Concen: 0.442 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

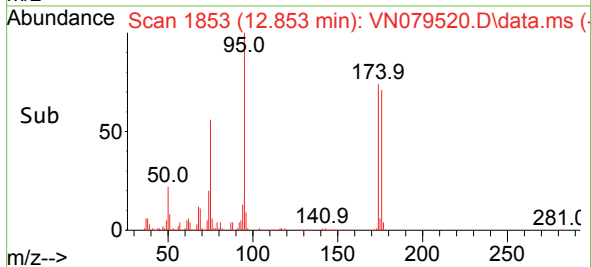
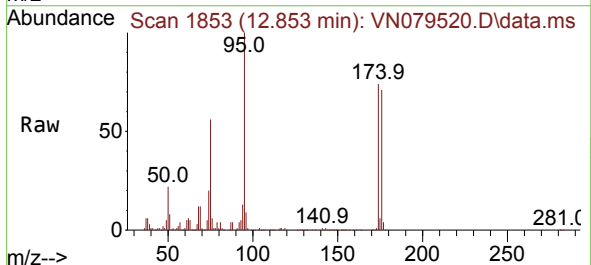
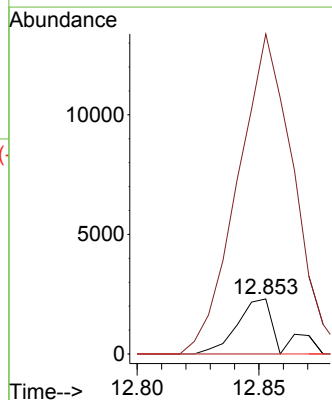
Tgt Ion:173 Resp: 2227

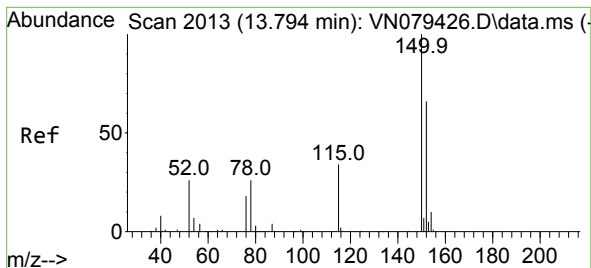
Ion Ratio Lower Upper

173 100

175 755.5 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: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

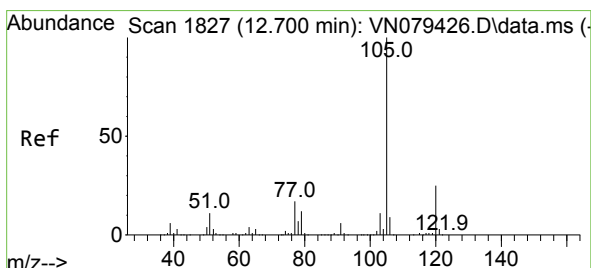
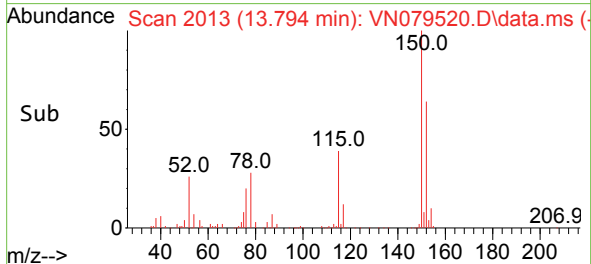
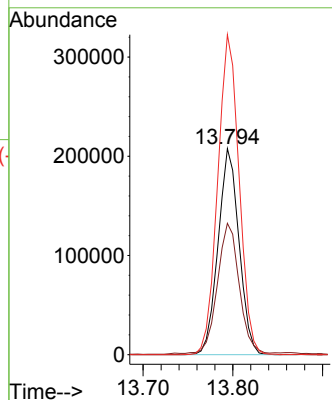
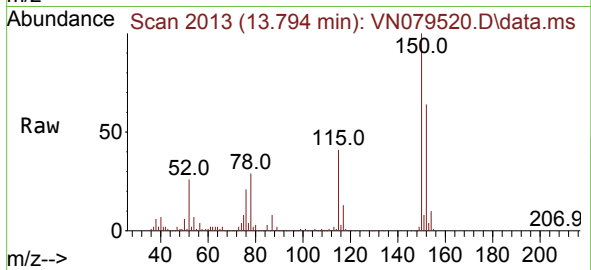
Tgt Ion:152 Resp: 335470

Ion Ratio Lower Upper

152 100

115 67.0 32.3 96.8

150 158.7 0.0 355.8



#73

Isopropylbenzene

Concen: 0.527 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079520.D

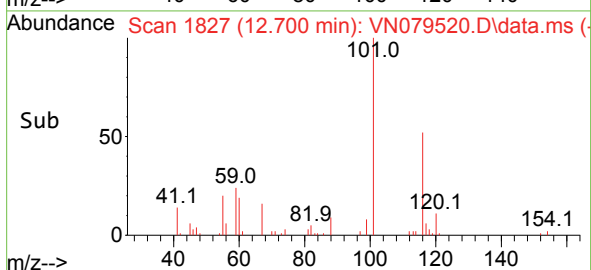
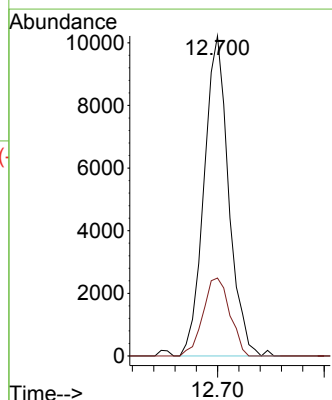
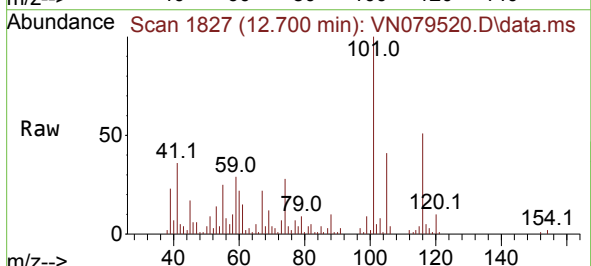
Acq: 11 Oct 2023 16:24

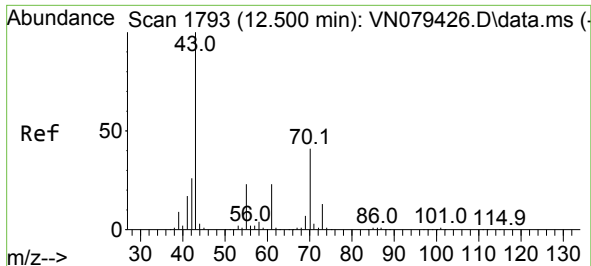
Tgt Ion:105 Resp: 16443

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1

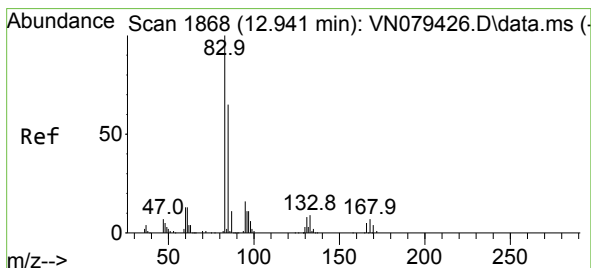
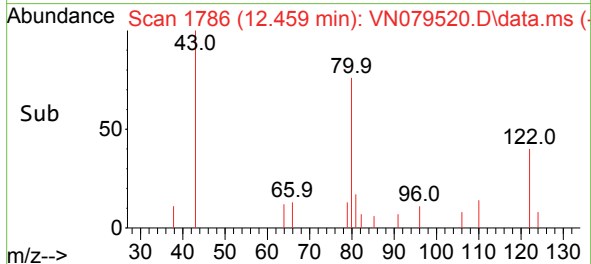
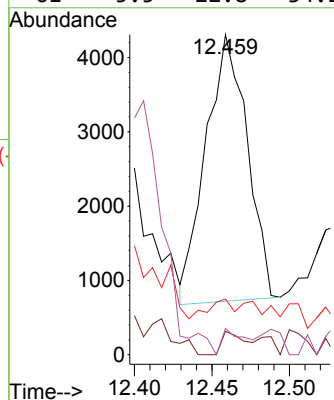
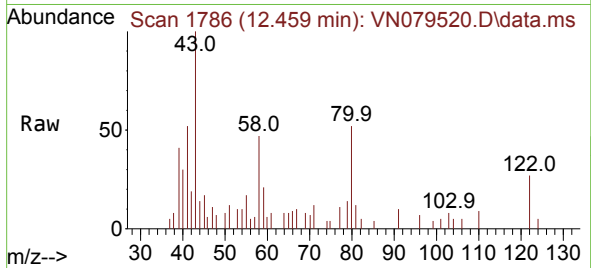




#74
N-amy1 acetate
Concen: 0.521 ug/l
RT: 12.459 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

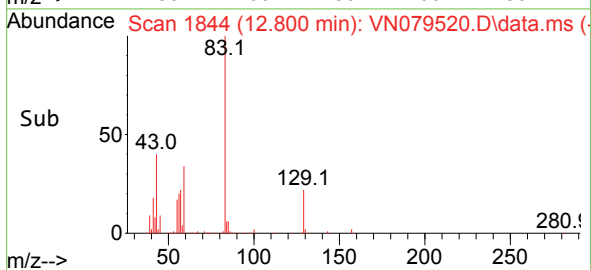
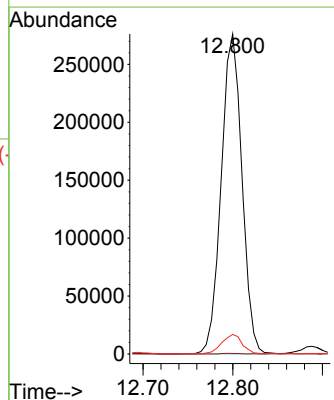
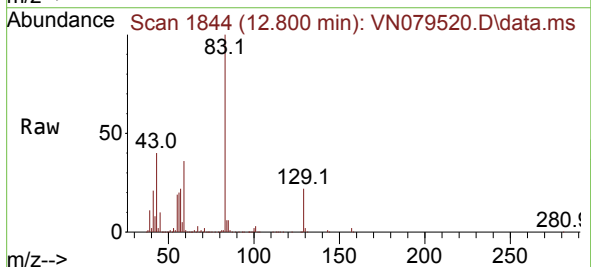
Instrument :
MSVOA_N
ClientSampleId :

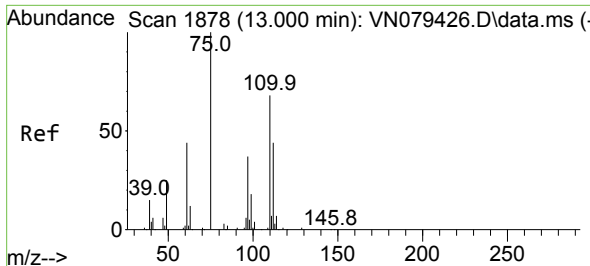
Tgt Ion: 43 Resp: 6660
Ion Ratio Lower Upper
43 100
70 4.9 43.4 65.2#
55 0.0 21.4 32.0#
61 5.5 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 43.875 ug/l
RT: 12.800 min Scan# 1844
Delta R.T. -0.141 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 83 Resp: 443475
Ion Ratio Lower Upper
83 100
131 0.2 5.0 15.0#
85 6.1 31.9 95.7#

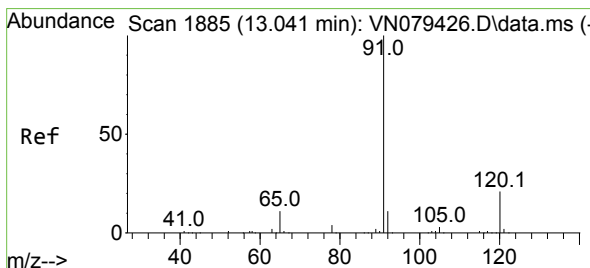
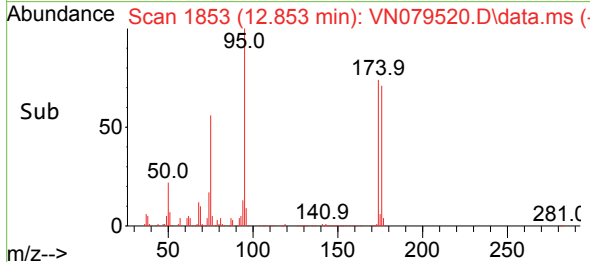
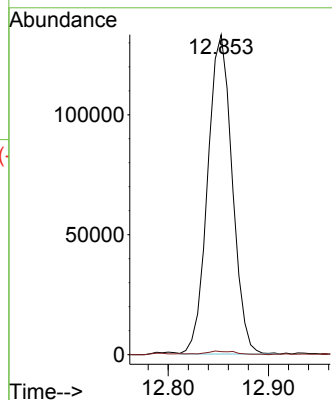
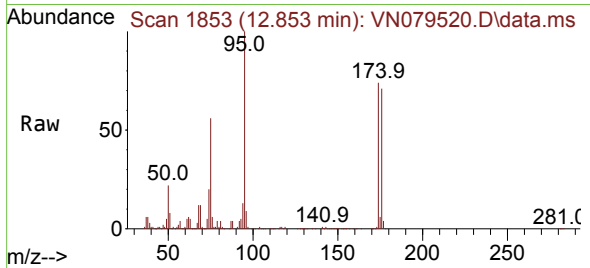




#76
1,2,3-Trichloropropane
Concen: 23.415 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

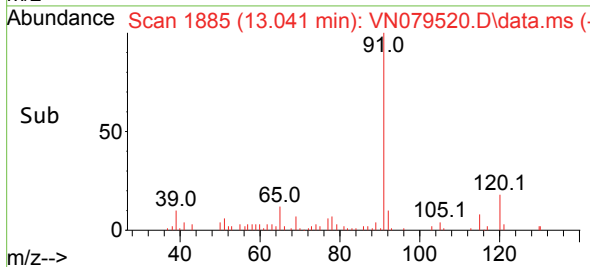
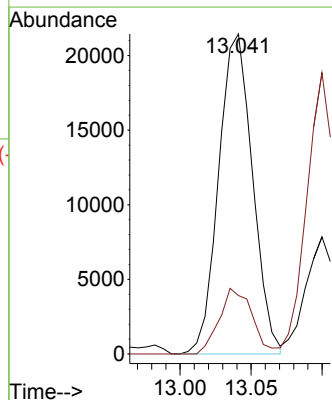
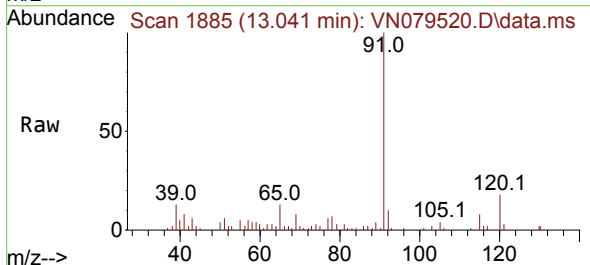
Instrument :
MSVOA_N
ClientSampleId :

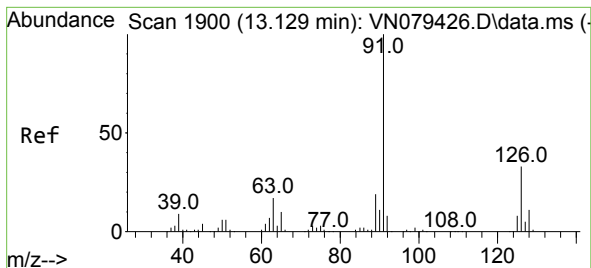
Tgt Ion: 75 Resp: 226482
Ion Ratio Lower Upper
75 100
77 1.5 84.5 253.5#



#78
n-propylbenzene
Concen: 1.009 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 91 Resp: 35618
Ion Ratio Lower Upper
91 100
120 19.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.774 ug/l

RT: 13.100 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

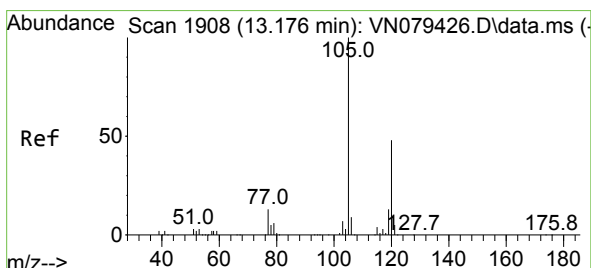
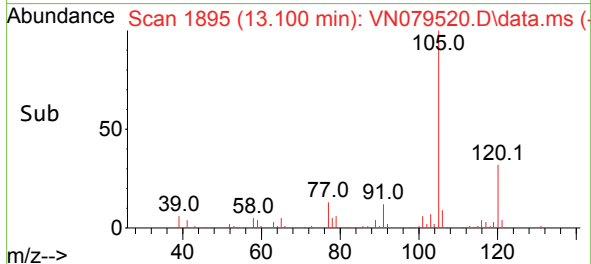
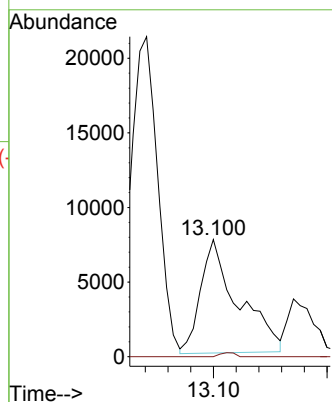
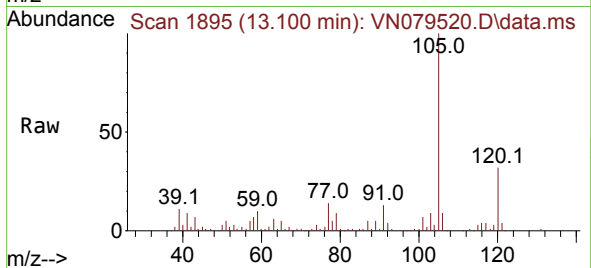
ClientSampleId :

Tgt Ion: 91 Resp: 17488

Ion Ratio Lower Upper

91 100

126 1.4 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 2.274 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079520.D

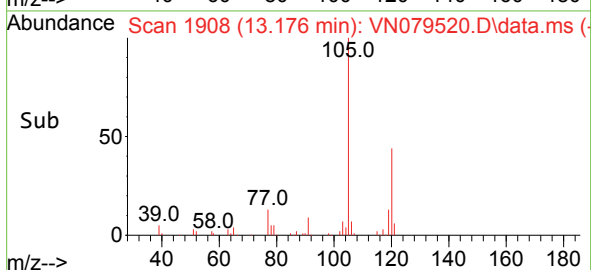
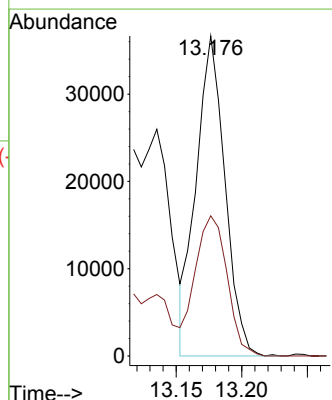
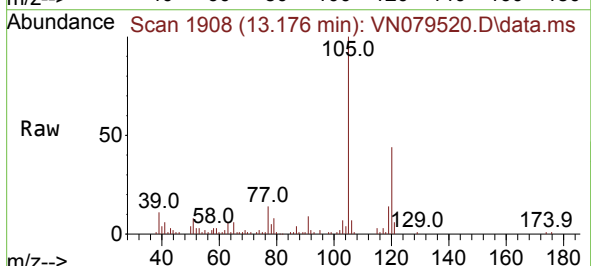
Acq: 11 Oct 2023 16:24

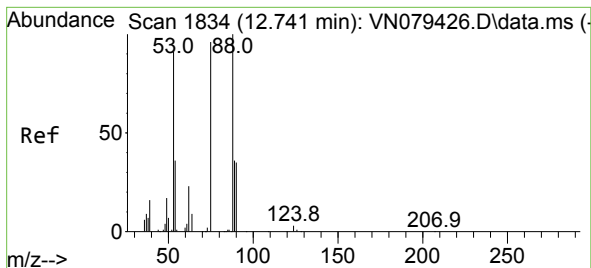
Tgt Ion:105 Resp: 55968

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.3

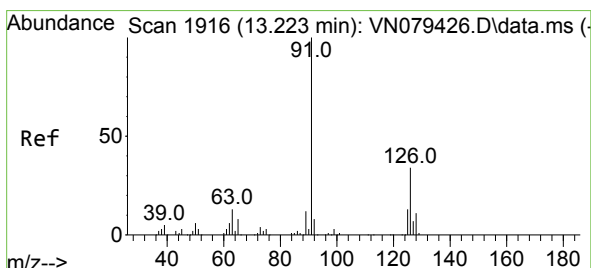
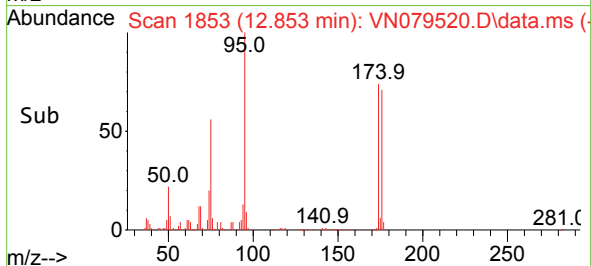
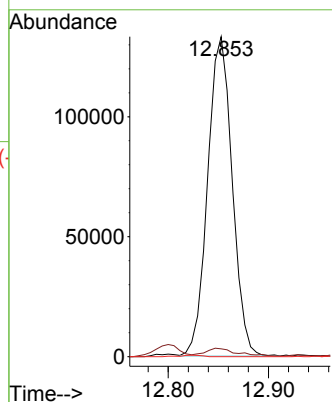
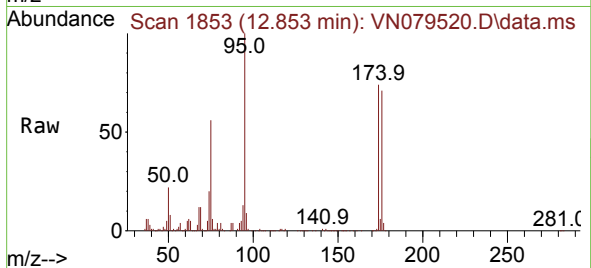




#81
trans-1,4-Dichloro-2-butene
Concen: 67.940 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

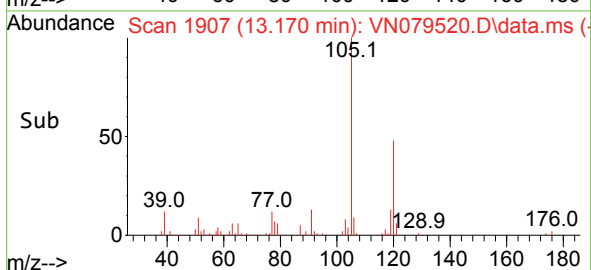
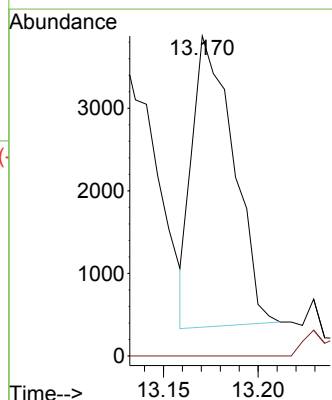
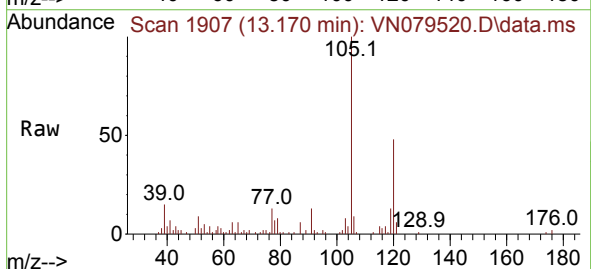
Instrument :
MSVOA_N
ClientSampleId :

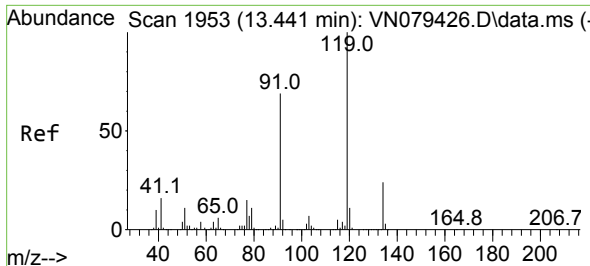
Tgt Ion: 75 Resp: 226482
Ion Ratio Lower Upper
75 100
53 3.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.247 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

Tgt Ion: 91 Resp: 5317
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#

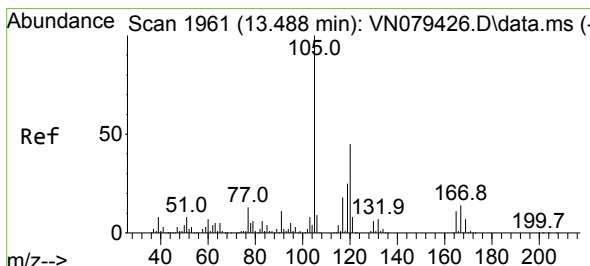
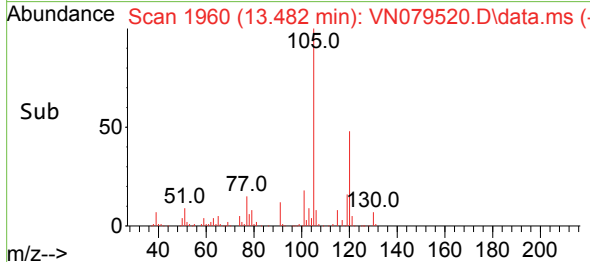
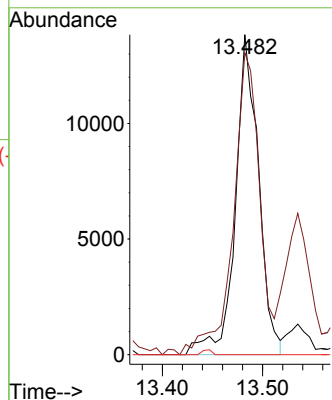
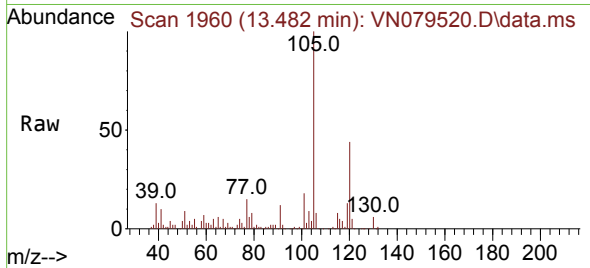




#83
tert-Butylbenzene
Concen: 1.106 ug/l
RT: 13.482 min Scan# 1953
Delta R.T. 0.041 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

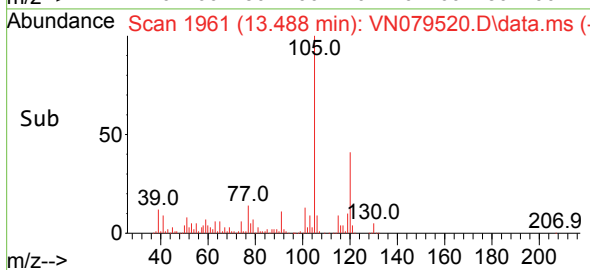
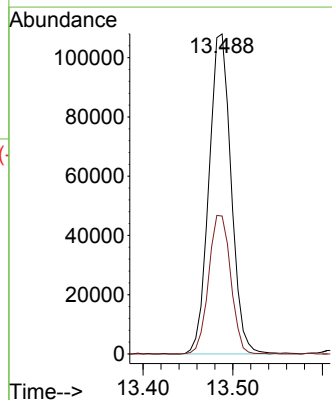
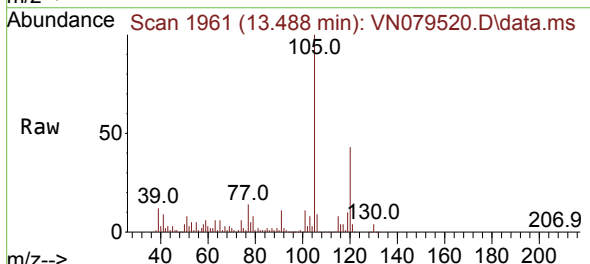
Instrument :
MSVOA_N
ClientSampleId :

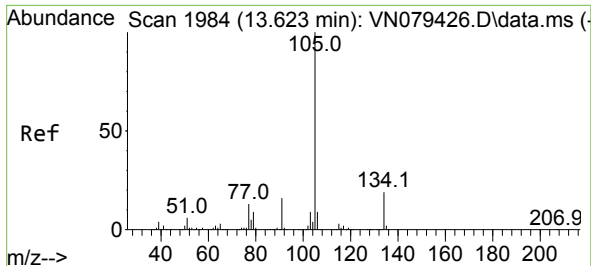
Tgt Ion:119 Resp: 22303
Ion Ratio Lower Upper
119 100
91 106.8 33.9 101.7#
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 7.897 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079520.D
Acq: 11 Oct 2023 16:24

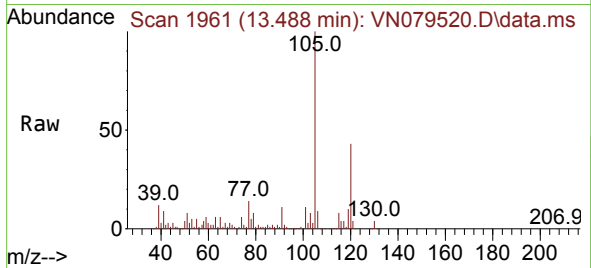
Tgt Ion:105 Resp: 185463
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0



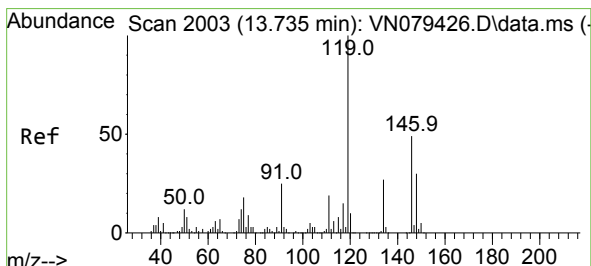
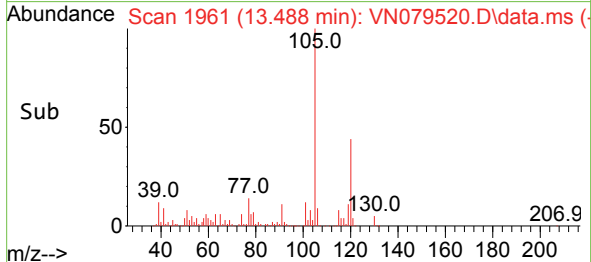
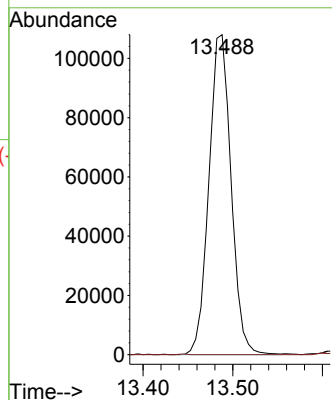


#85
 sec-Butylbenzene
 Concen: 6.594 ug/l
 RT: 13.488 min Scan# 1984
 Delta R.T. -0.135 min
 Lab File: VN079520.D
 Acq: 11 Oct 2023 16:24

Instrument :
 MSVOA_N
 ClientSampleId :

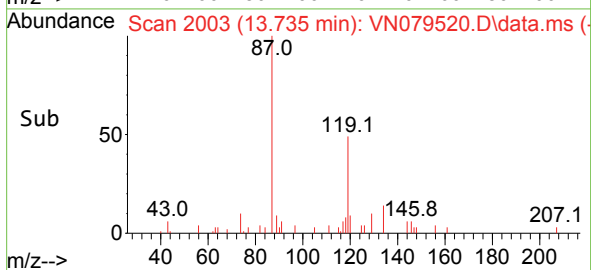
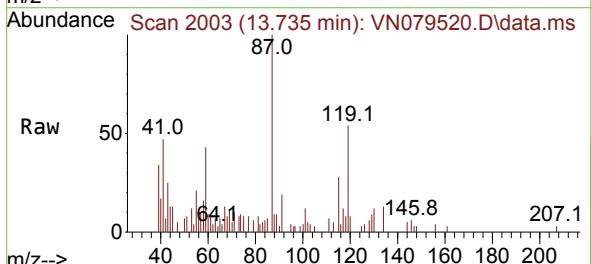
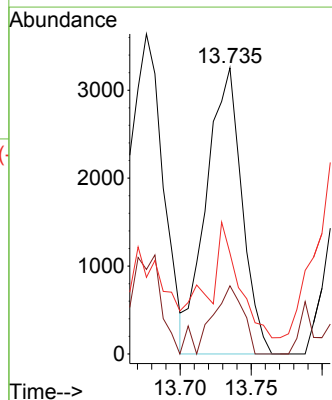


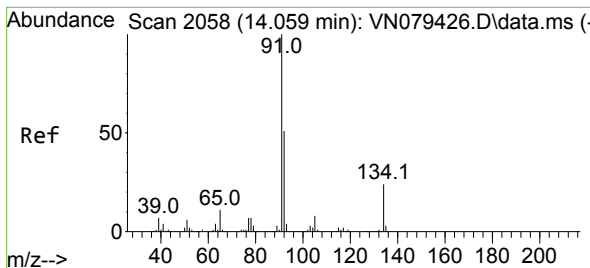
Tgt Ion:105 Resp: 185463
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.263 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079520.D
 Acq: 11 Oct 2023 16:24

Tgt Ion:119 Resp: 5676
 Ion Ratio Lower Upper
 119 100
 134 21.5 12.6 37.8
 91 34.1 12.4 37.2





#89

n-Butylbenzene

Concen: 0.226 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079520.D

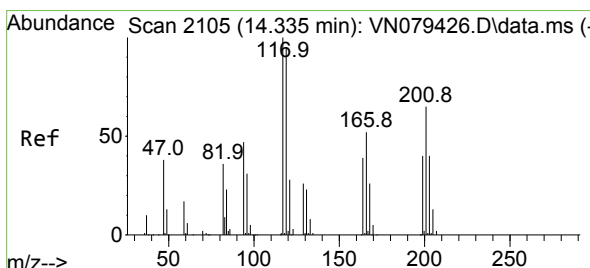
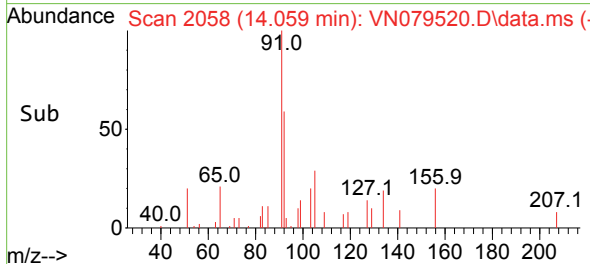
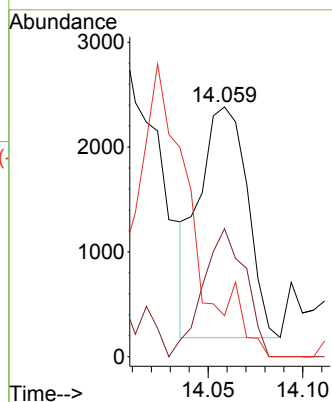
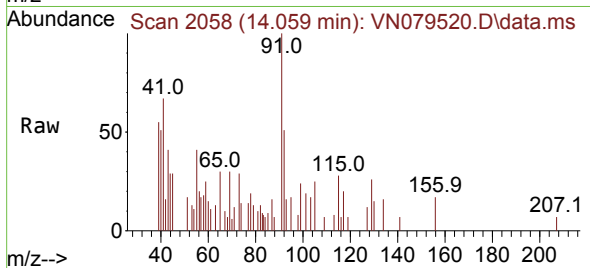
Acq: 11 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	3893
Ion	Ratio	Lower	Upper
91	100		
92	48.9	26.4	79.0
134	0.0	12.6	37.6#



#90

Hexachloroethane

Concen: Below Cal

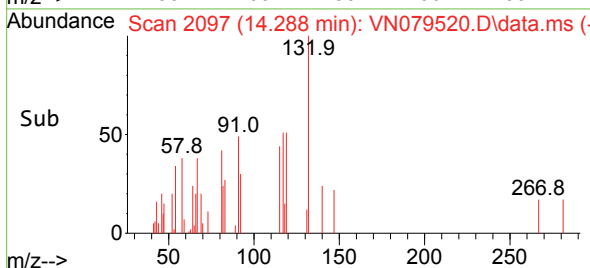
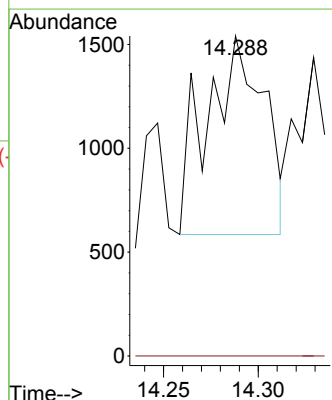
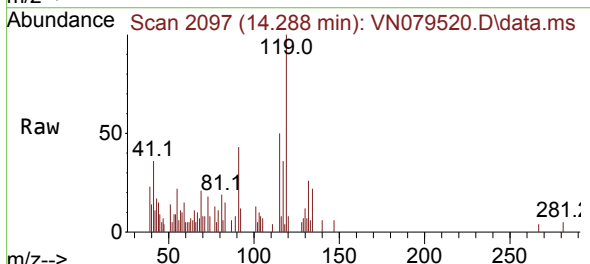
RT: 14.288 min Scan# 2097

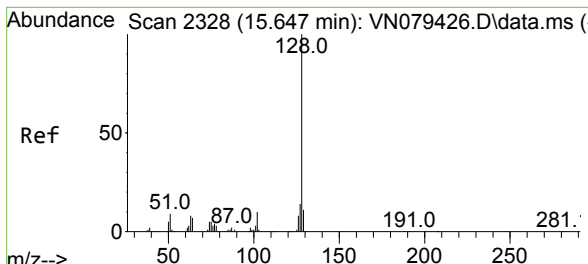
Delta R.T. -0.047 min

Lab File: VN079520.D

Acq: 11 Oct 2023 16:24

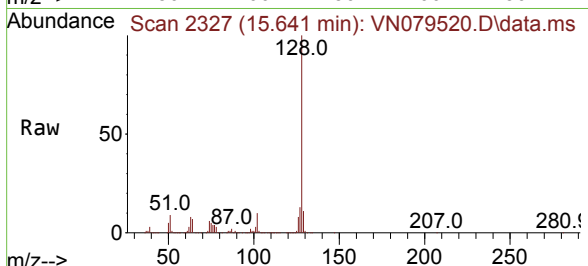
Tgt Ion:	117	Resp:	2010
Ion	Ratio	Lower	Upper
117	100		
201	0.0	29.3	88.0#





#95
 Naphthalene
 Concen: 263.686 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079520.D
 Acq: 11 Oct 2023 16:24

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 2952539

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	10.7	8.7	13.1

