

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101023\
 Data File : VN079503.D
 Acq On : 10 Oct 2023 19:13
 Operator : JC\MD
 Sample : 04813-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 11 06:23:29 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	301392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	590131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	574297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	238268	48.757	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.520%
35) Dibromofluoromethane	8.171	113	209810	49.473	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	10.571	98	714193	46.543	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.853	95	279230	56.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.400%

Target Compounds				Qvalue		
3) Chloromethane	2.371	50	1124	0.209	ug/l	94
6) Chloroethane	3.136	64	976	0.231	ug/l #	43
11) Tert butyl alcohol	5.506	59	1998	2.716	ug/l #	72
13) Acrolein	4.183	56	1356	1.852	ug/l #	16
16) Acetone	4.430	43	103777	53.541	ug/l	90
17) Carbon Disulfide	4.712	76	5856	0.527	ug/l	98
18) Methyl Acetate	5.036	43	8188	0.863	ug/l #	66
20) Methylene Chloride	5.283	84	21222	4.451	ug/l	88
25) 2-Butanone	7.494	43	19949	6.934	ug/l #	76
29) Tetrahydrofuran	7.847	42	510	0.274	ug/l #	30
31) Cyclohexane	8.259	56	20740	2.992	ug/l #	86
36) 1,1-Dichloropropene	8.230	75	26107	4.102	ug/l #	49
37) Ethyl Acetate	7.577	43	6711	1.060	ug/l #	73
38) Carbon Tetrachloride	8.230	117	32792	5.146	ug/l #	16
39) Methylcyclohexane	9.600	83	7909	1.293	ug/l	97
40) Benzene	8.612	78	2854902	151.030	ug/l	98
42) 1,2-Dichloroethane	8.688	62	1727	0.251	ug/l #	73
43) Isopropyl Acetate	8.694	43	364927	32.889	ug/l #	69
45) 1,2-Dichloropropane	9.741	63	2232	0.448	ug/l #	45
48) Methyl methacrylate	9.665	41	9886	2.079	ug/l #	27
49) 1,4-Dioxane	9.741	88	148	1.690	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	883252	141.014	ug/l	90
52) Toluene	10.635	92	1572358	141.311	ug/l	98
53) t-1,3-Dichloropropene	10.723	75	1502	0.225	ug/l #	13
54) cis-1,3-Dichloropropene	10.359	75	69410	9.482	ug/l #	70
55) 1,1,2-Trichloroethane	10.888	97	9848	2.205	ug/l #	19
57) 1,3-Dichloropropane	11.206	76	8643	1.120	ug/l #	42
59) 2-Hexanone	11.176	43	148075	32.761	ug/l #	19
67) Ethyl Benzene	11.965	91	250005	11.246	ug/l	100
68) m/p-Xylenes	12.070	106	469284	58.100	ug/l	93
69) o-Xylene	12.400	106	351455	44.245	ug/l	94
70) Styrene	12.412	104	64147	5.113	ug/l #	10
71) Bromoform	12.853	173	1872	0.546	ug/l #	1
73) Isopropylbenzene	12.694	105	16724	0.709	ug/l	98
74) N-amyl acetate	12.459	43	9885	1.023	ug/l #	39
75) 1,1,2,2-Tetrachloroethane	12.953	83	278	Below Cal	#	26

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 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)

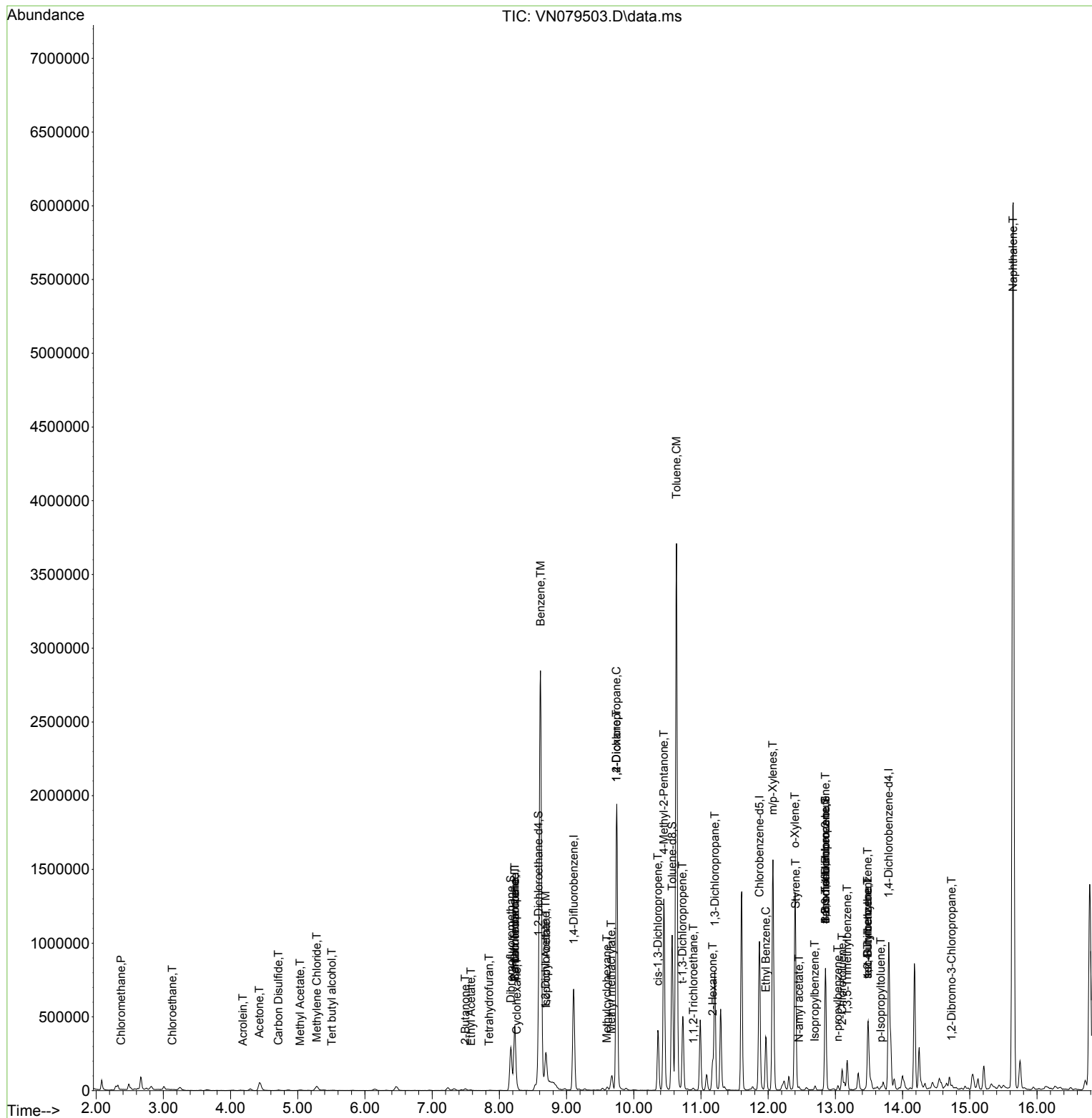
76) 1,2,3-Trichloropropane	12.853	75	149959	20.526	ug/l #	1
78) n-propylbenzene	13.035	91	23678	0.888	ug/l	97
79) 2-Chlorotoluene	13.100	91	10066	0.590	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	102174	5.497	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	149959	59.558	ug/l #	16
83) tert-Butylbenzene	13.482	119	32830	2.156	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.482	105	286752	16.165	ug/l	91
85) sec-Butylbenzene	13.482	105	286752	13.499	ug/l #	57
86) p-Isopropyltoluene	13.676	119	7563	0.464	ug/l	89
90) Hexachloroethane	14.329	117	1959	Below Cal	#	21
92) 1,2-Dibromo-3-Chloropr...	14.729	75	404	0.296	ug/l #	4
95) Naphthalene	15.647	128	5606859	662.957	ug/l	99

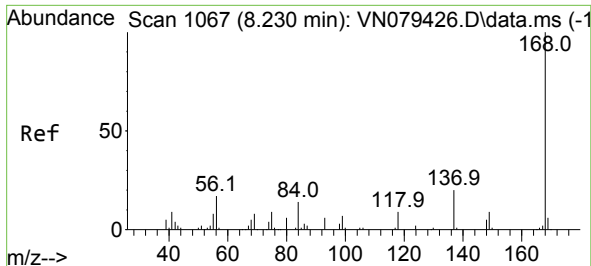
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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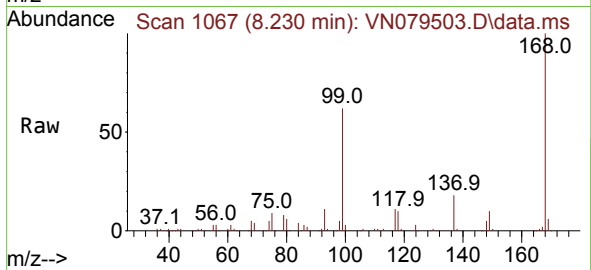
Quant Time: Oct 11 06:23:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
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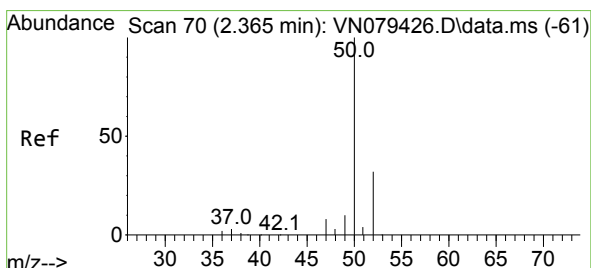
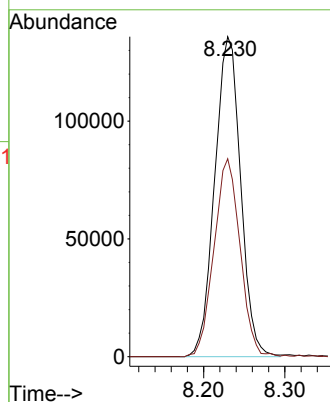
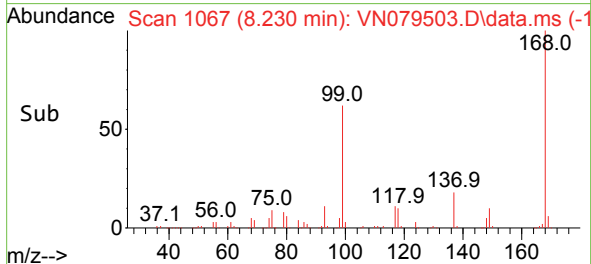


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :

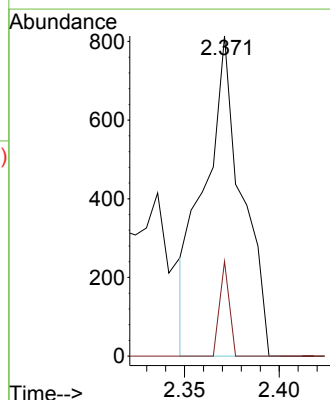
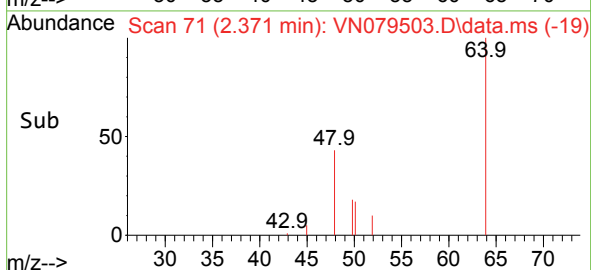
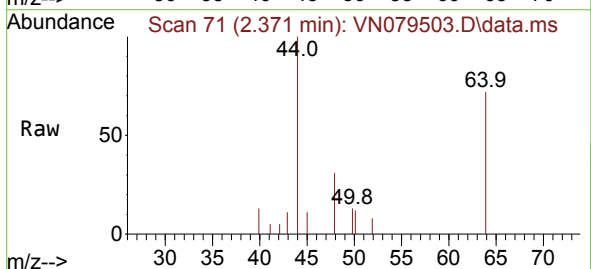


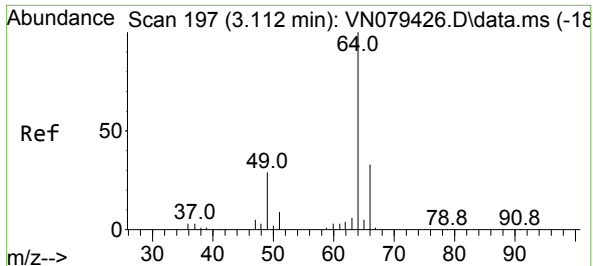
Tgt Ion:168 Resp: 301392
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 29.6 26.5 39.7

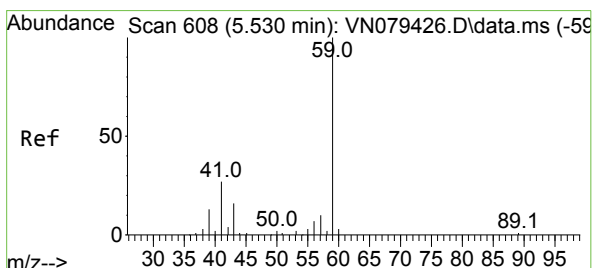
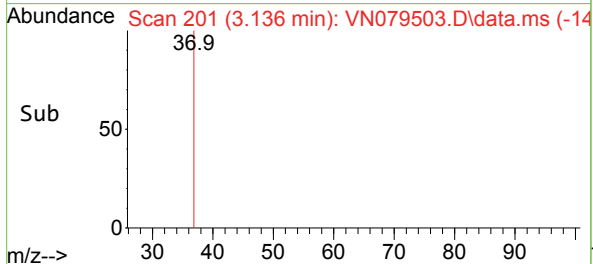
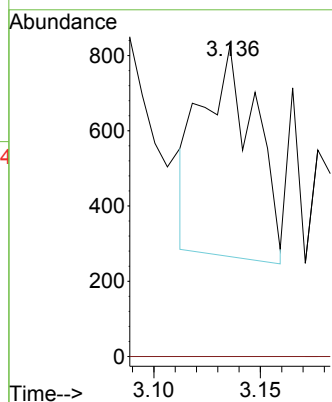
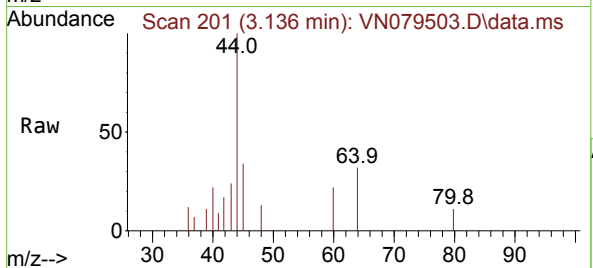




#6
Chloroethane
Concen: 0.231 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.023 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

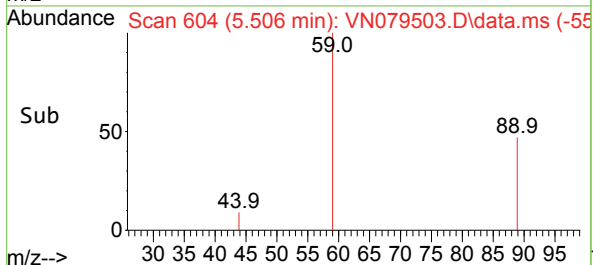
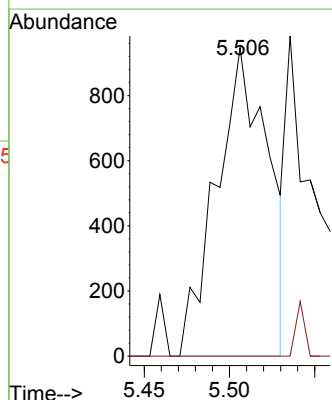
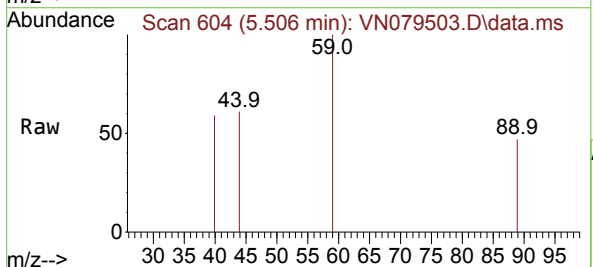
Instrument :
MSVOA_N
ClientSampleId :

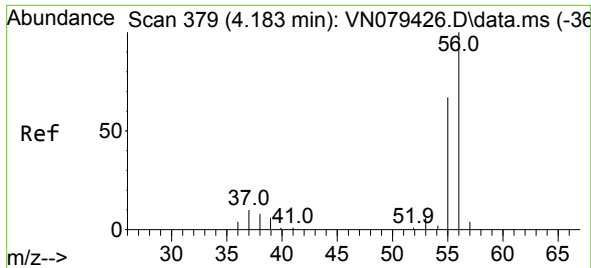
Tgt Ion: 64 Resp: 976
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: 2.716 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 59 Resp: 1998
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

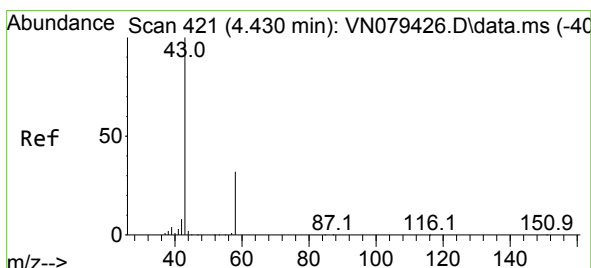
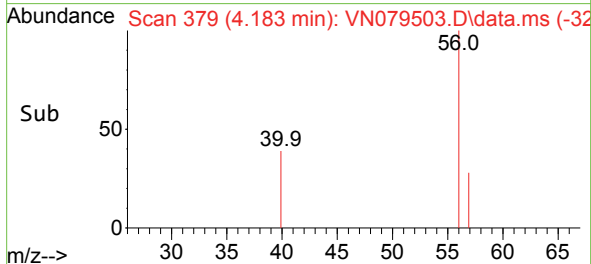
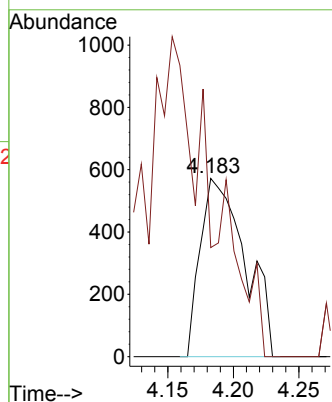
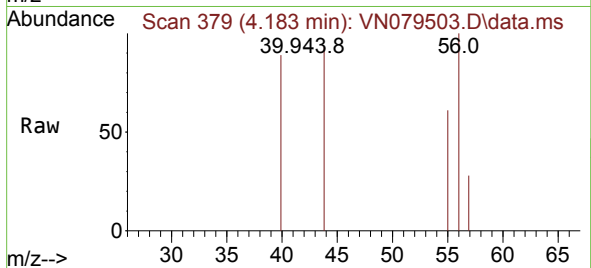




#13
Acrolein
Concen: 1.852 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

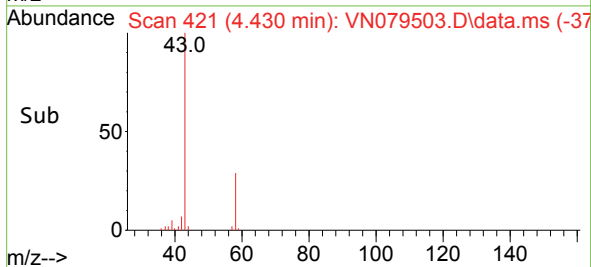
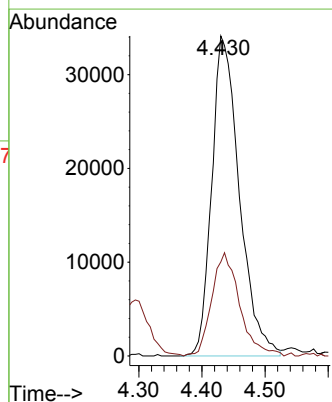
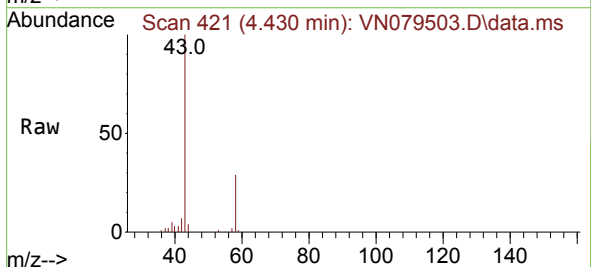
Instrument :
MSVOA_N
ClientSampleId :

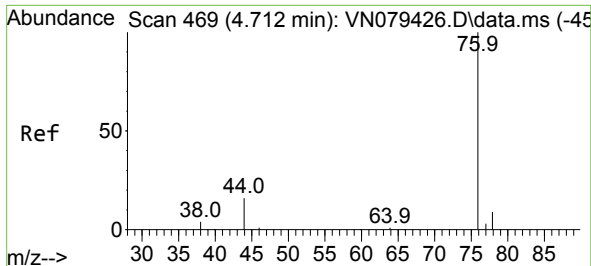
Tgt Ion: 56 Resp: 1356
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#16
Acetone
Concen: 53.541 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

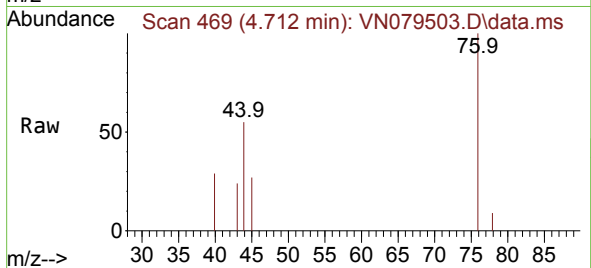
Tgt Ion: 43 Resp: 103777
Ion Ratio Lower Upper
43 100
58 28.9 28.0 42.0



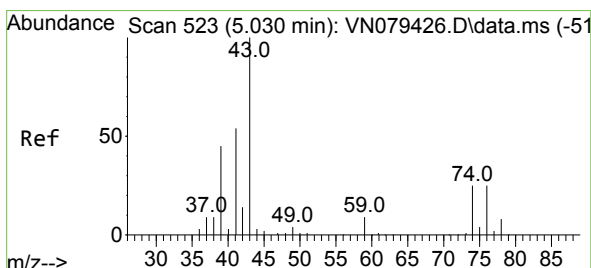
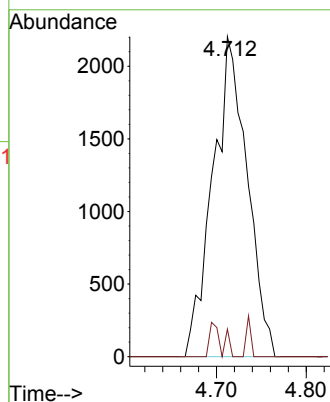
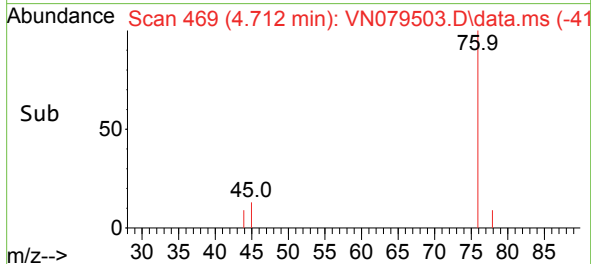


#17
Carbon Disulfide
Concen: 0.527 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :

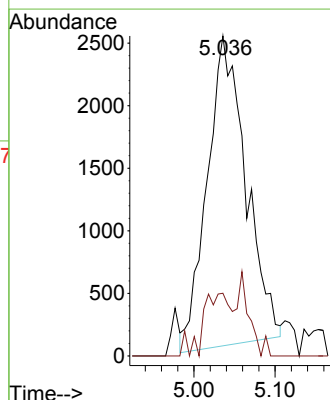
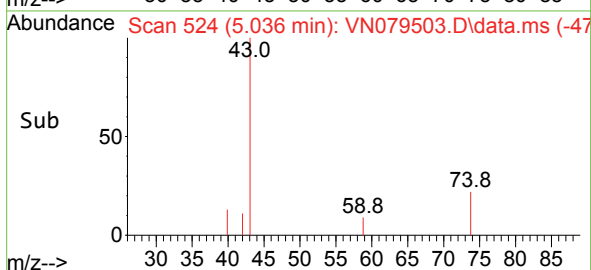
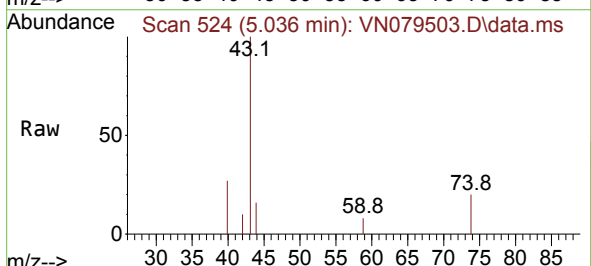


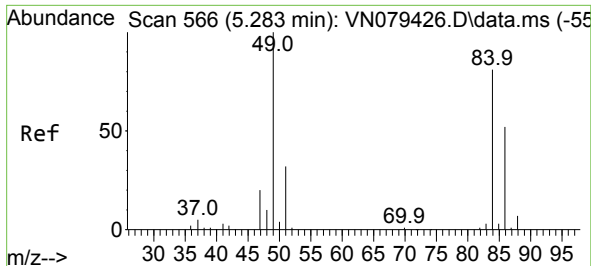
Tgt Ion: 76 Resp: 5856
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 0.863 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

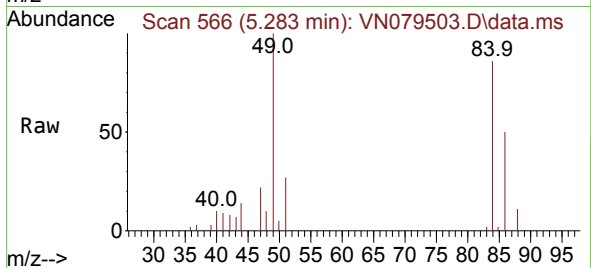
Tgt Ion: 43 Resp: 8188
Ion Ratio Lower Upper
43 100
74 13.8 26.2 39.4#





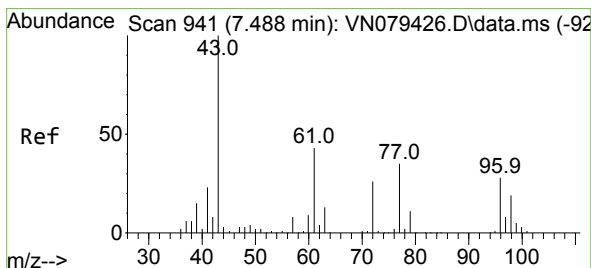
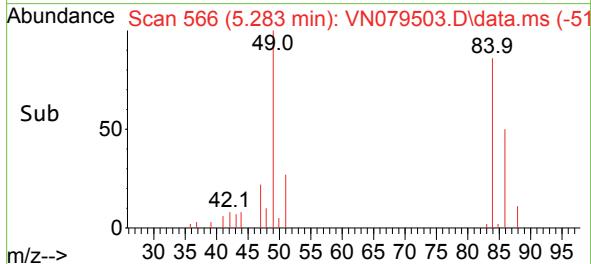
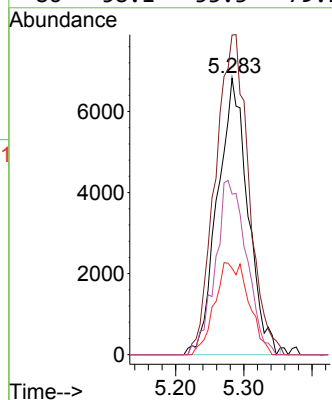
#20
Methylene Chloride
Concen: 4.451 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 21222

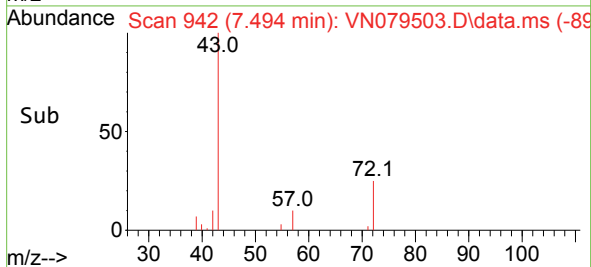
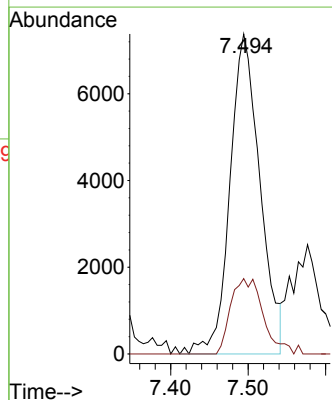
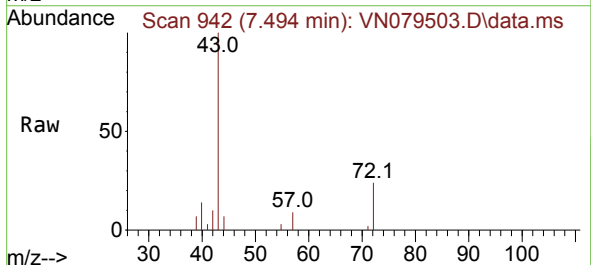
Ion	Ratio	Lower	Upper
84	100		
49	115.6	79.7	119.5
51	31.2	25.2	37.8
86	58.1	53.3	79.9

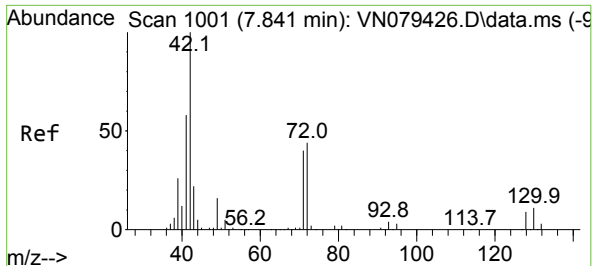


#25
2-Butanone
Concen: 6.934 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 43 Resp: 19949

Ion	Ratio	Lower	Upper
43	100		
72	23.5	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.274 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

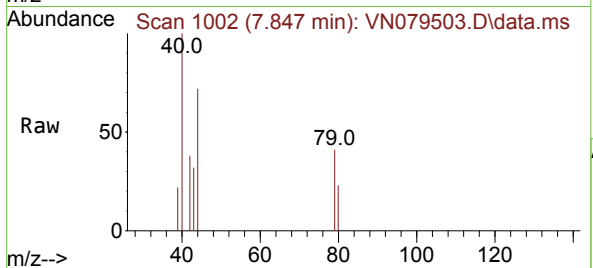
Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

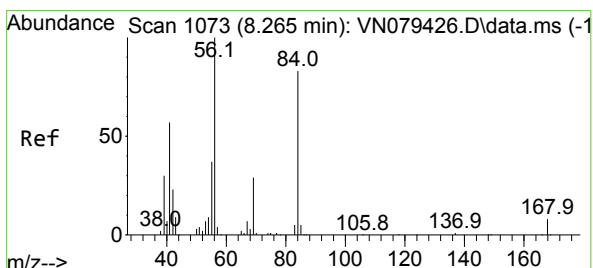
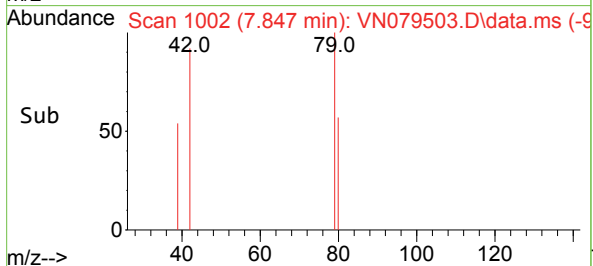
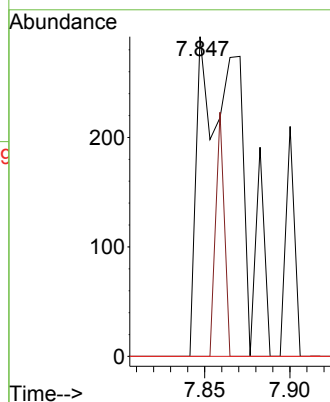
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	510
Ion	Ratio	Lower	Upper
42	100		
72	15.5	49.8	74.6#
71	0.0	47.4	71.2#



#31

Cyclohexane

Concen: 2.992 ug/l

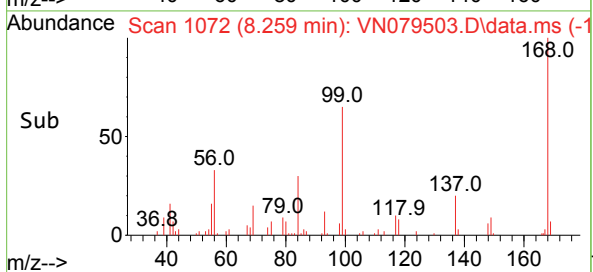
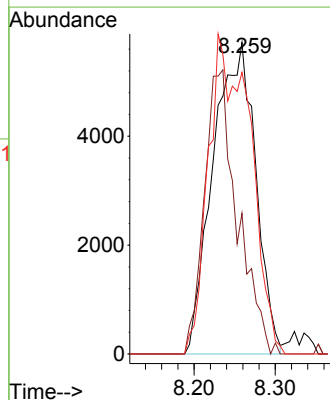
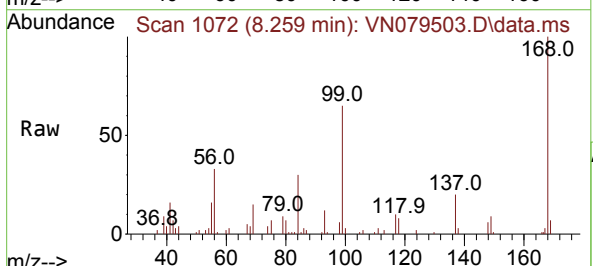
RT: 8.259 min Scan# 1072

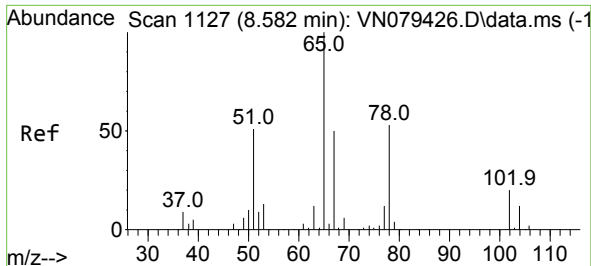
Delta R.T. -0.006 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Tgt Ion:	56	Resp:	20740
Ion	Ratio	Lower	Upper
56	100		
69	45.2	26.8	40.2#
84	90.4	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 48.757 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

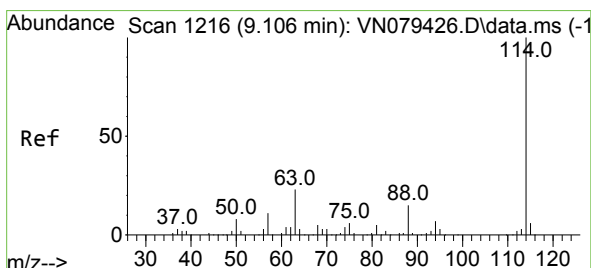
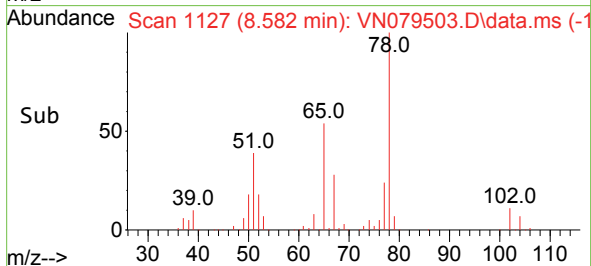
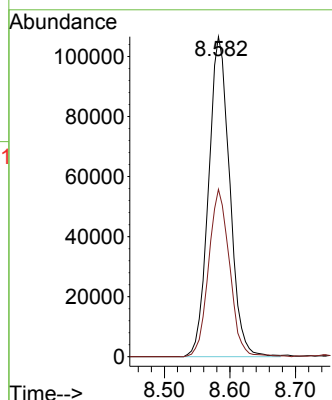
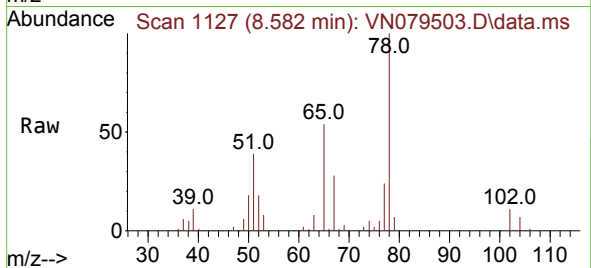
ClientSampleId :

Tgt Ion: 65 Resp: 238268

Ion Ratio Lower Upper

65 100

67 51.9 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: VN079503.D

Acq: 10 Oct 2023 19:13

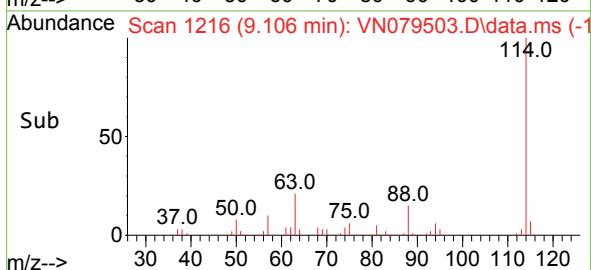
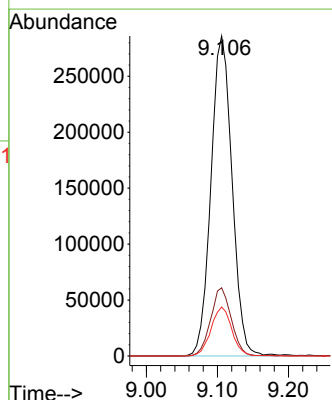
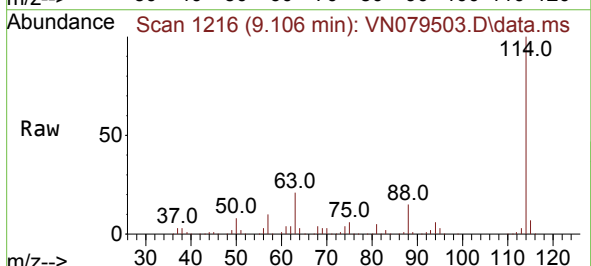
Tgt Ion: 114 Resp: 590131

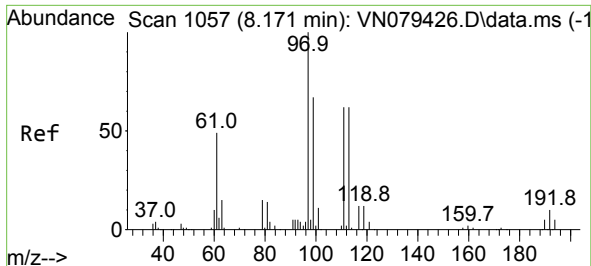
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

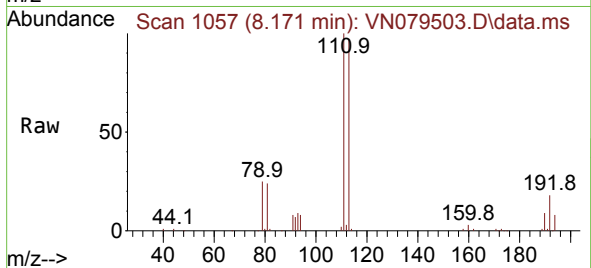
88 15.3 0.0 30.6



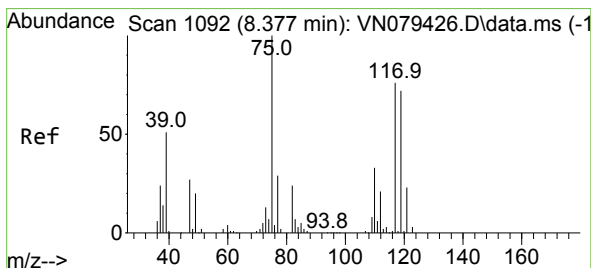
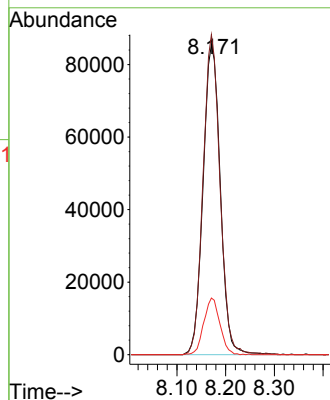
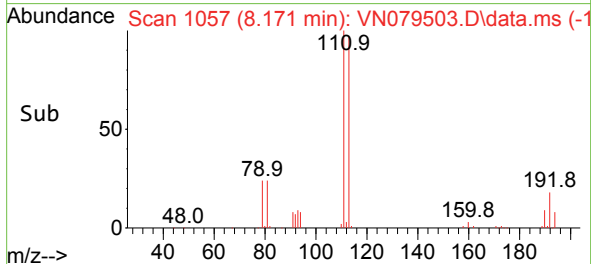


#35
Dibromofluoromethane
Concen: 49.473 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :

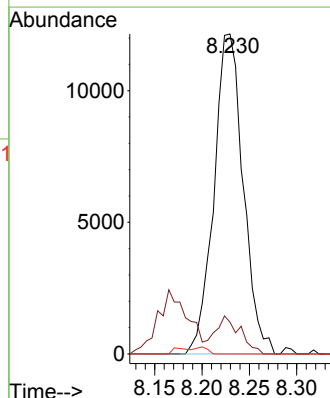
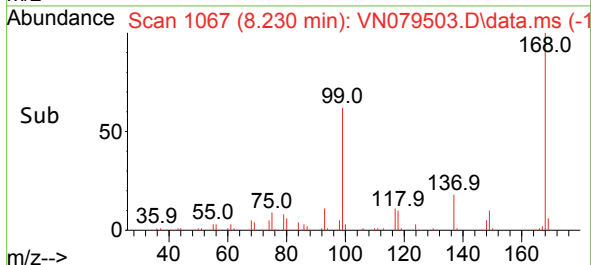
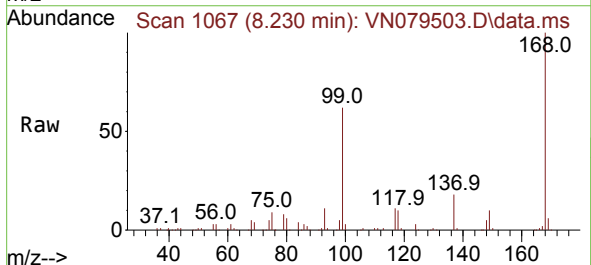


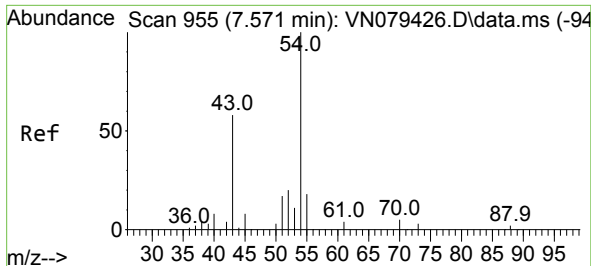
Tgt Ion:113 Resp: 209810
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.102 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

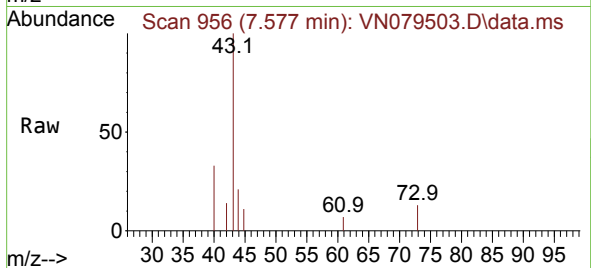
Tgt Ion: 75 Resp: 26107
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 0.0 25.0 37.4#



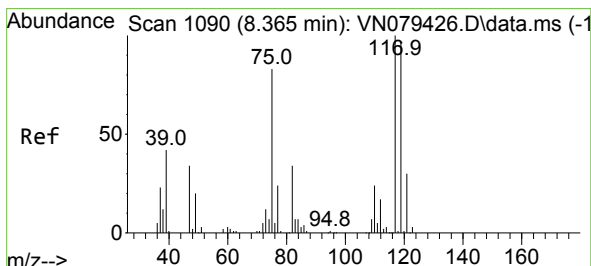
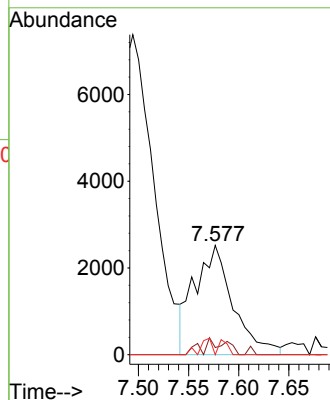
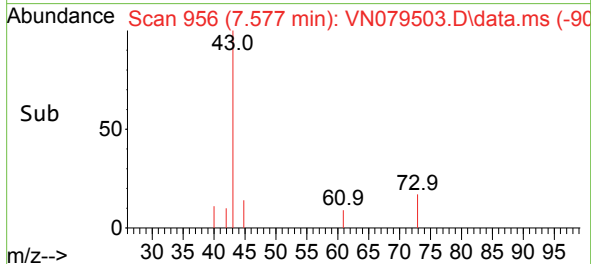


#37
Ethyl Acetate
Concen: 1.060 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :

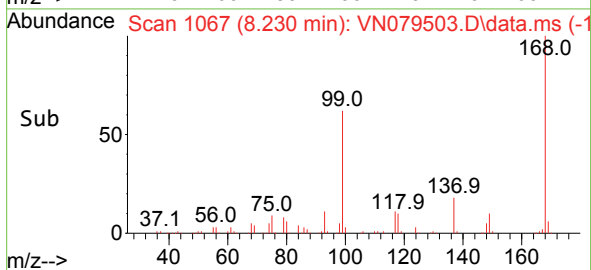
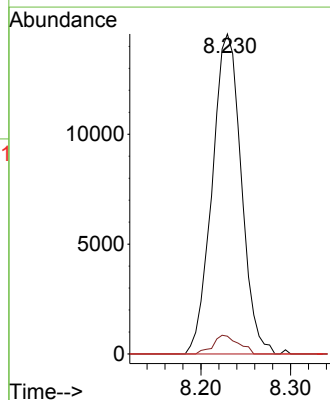
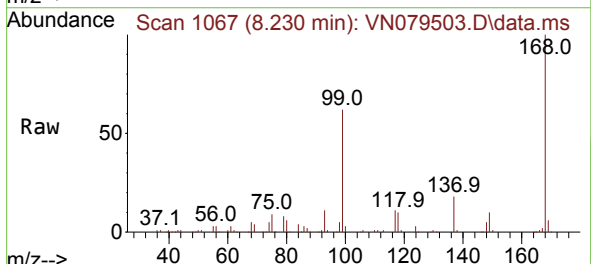


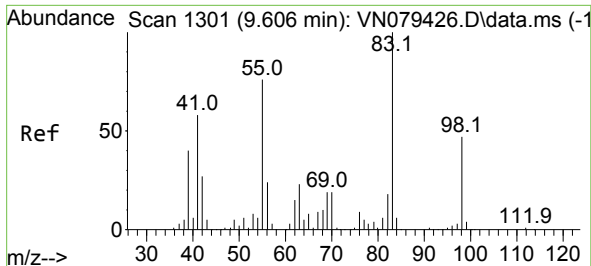
Tgt Ion: 43 Resp: 6711
Ion Ratio Lower Upper
43 100
61 4.0 13.2 19.8#
70 4.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 5.146 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 117 Resp: 32792
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 1.293 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

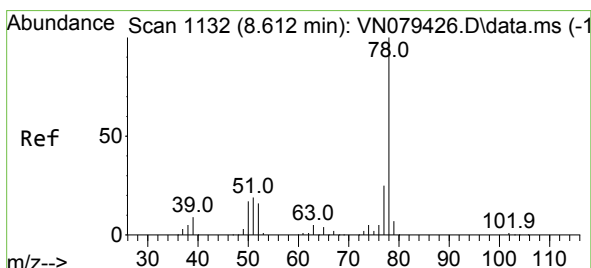
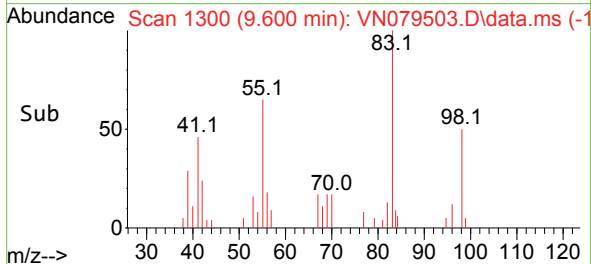
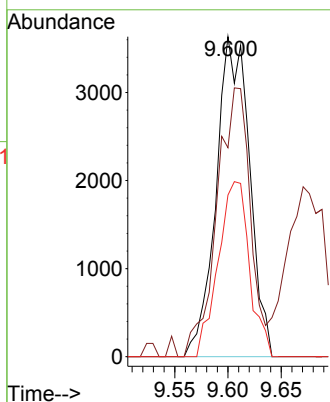
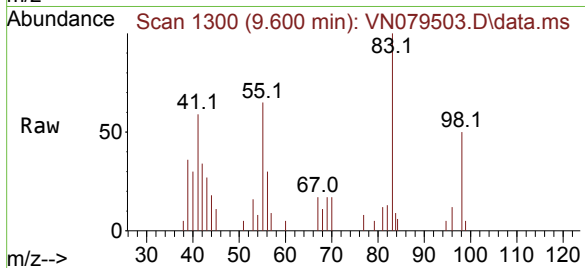
Tgt Ion: 83 Resp: 7909

Ion Ratio Lower Upper

83 100

55 65.3 49.1 73.7

98 50.5 40.6 61.0



#40

Benzene

Concen: 151.030 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079503.D

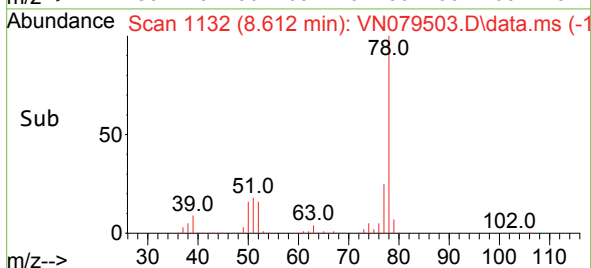
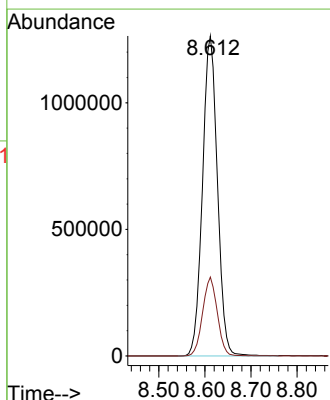
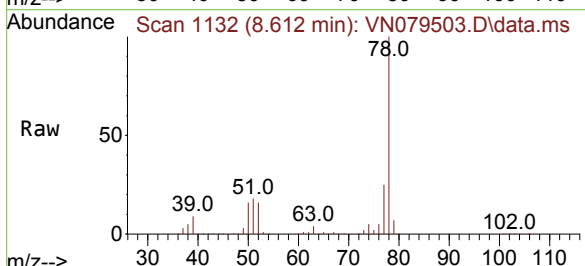
Acq: 10 Oct 2023 19:13

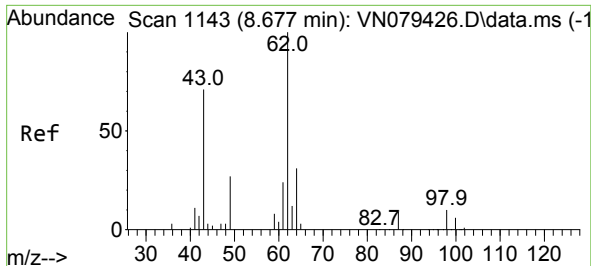
Tgt Ion: 78 Resp: 2854902

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.251 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.012 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

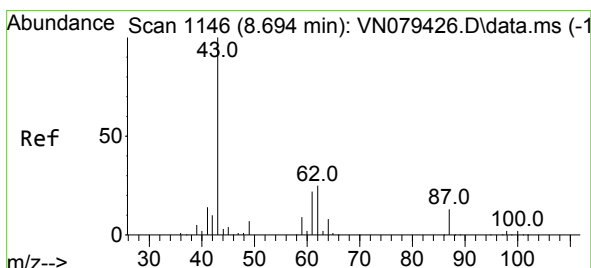
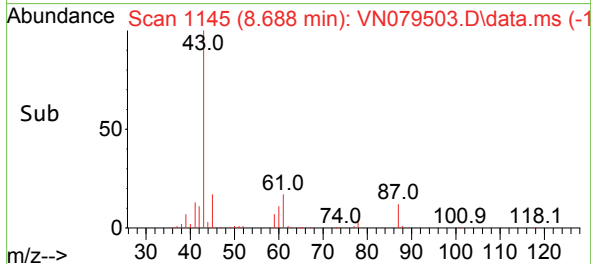
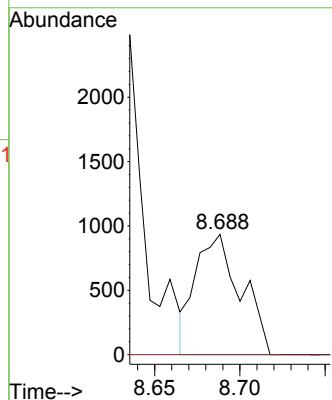
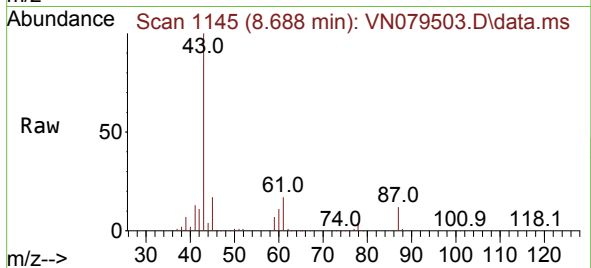
ClientSampleId :

Tgt Ion: 62 Resp: 1727

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.8



#43

Isopropyl Acetate

Concen: 32.889 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

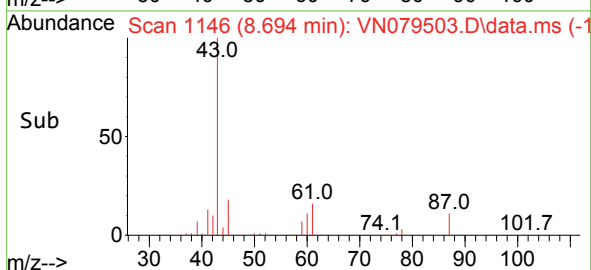
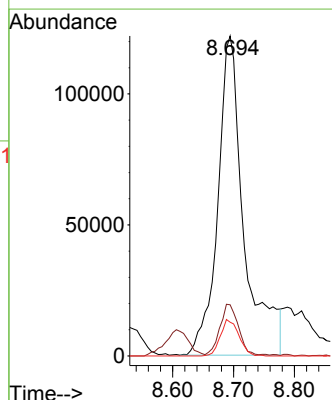
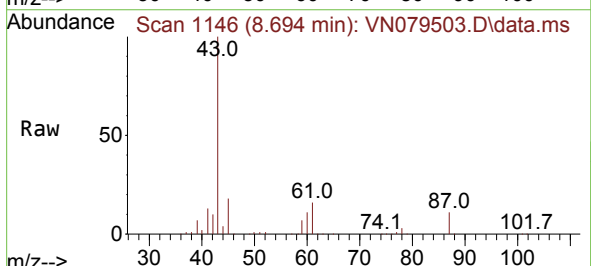
Tgt Ion: 43 Resp: 364927

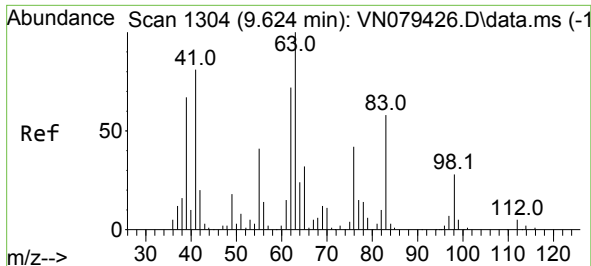
Ion Ratio Lower Upper

43 100

61 11.3 24.7 37.1#

87 8.0 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.448 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.118 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

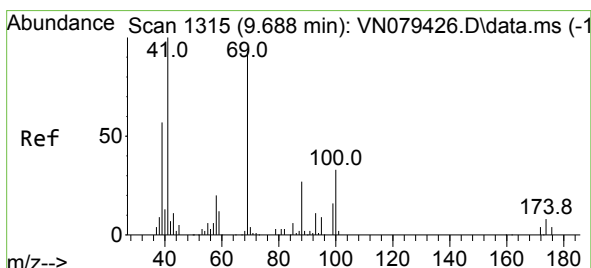
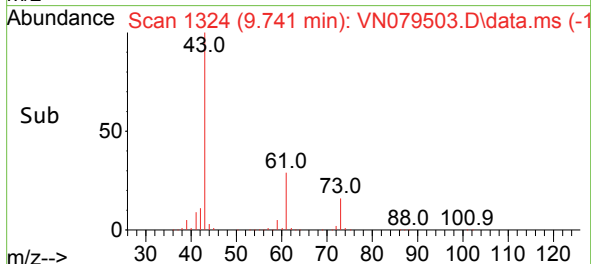
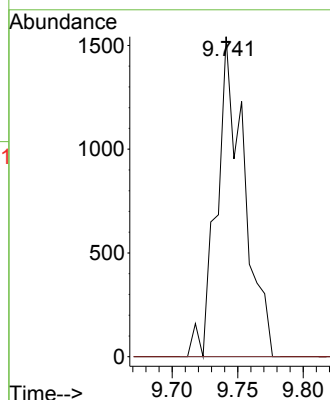
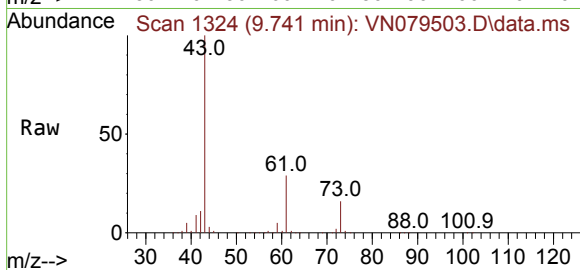
ClientSampleId :

Tgt Ion: 63 Resp: 2232

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#48

Methyl methacrylate

Concen: 2.079 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.024 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

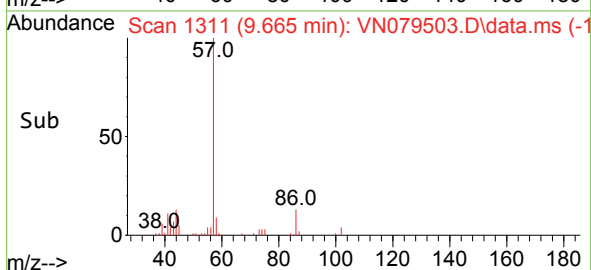
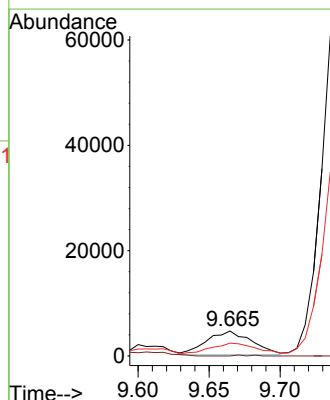
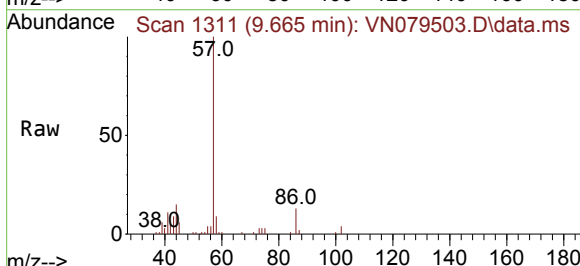
Tgt Ion: 41 Resp: 9886

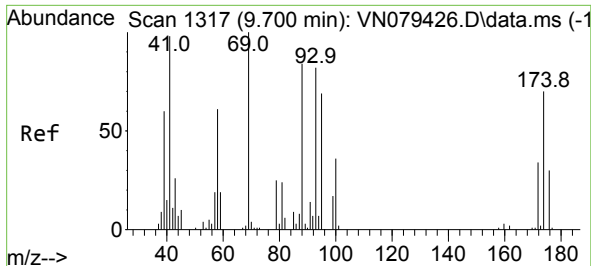
Ion Ratio Lower Upper

41 100

69 1.2 90.4 135.6#

39 50.5 54.6 81.8#





#49

1,4-Dioxane

Concen: 1.690 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.041 min

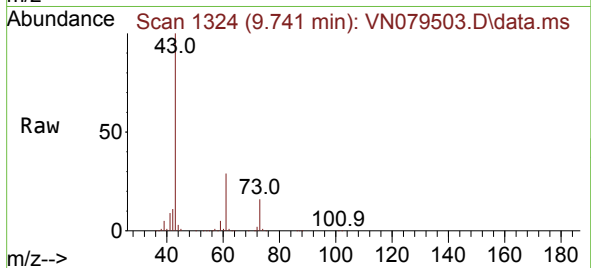
Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :



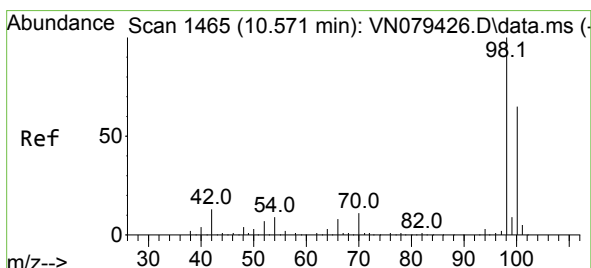
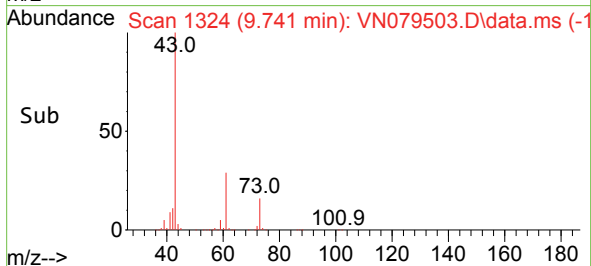
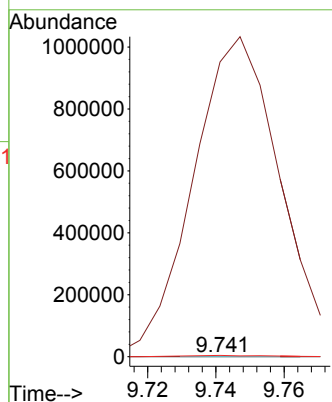
Tgt Ion: 88 Resp: 148

Ion Ratio Lower Upper

88 100

43 1263016.2 17.0 25.6#

58 5254.7 47.0 70.4#



#50

Toluene-d8

Concen: 46.543 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079503.D

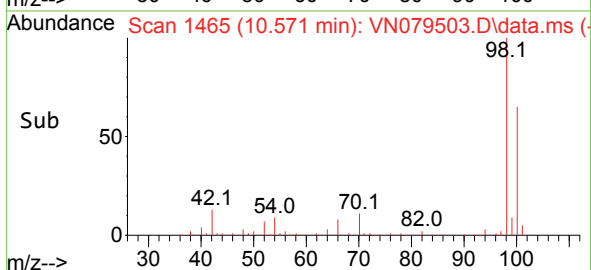
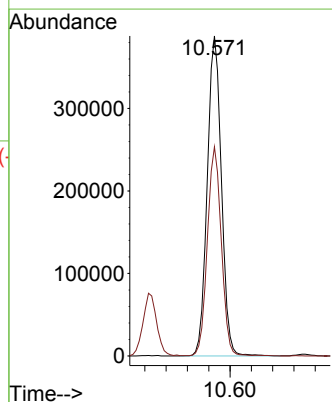
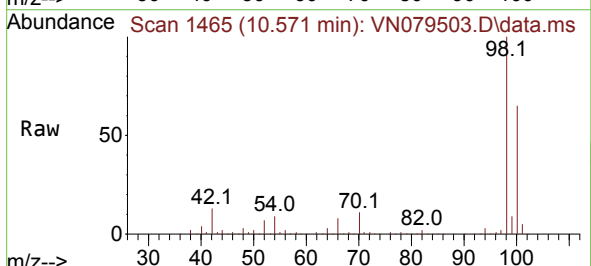
Acq: 10 Oct 2023 19:13

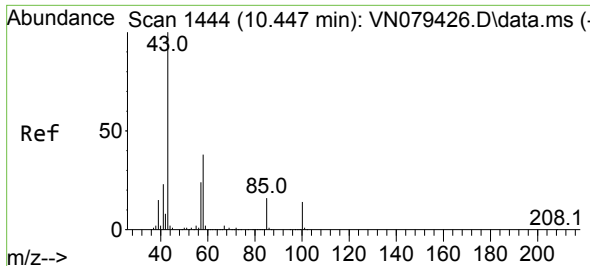
Tgt Ion: 98 Resp: 714193

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

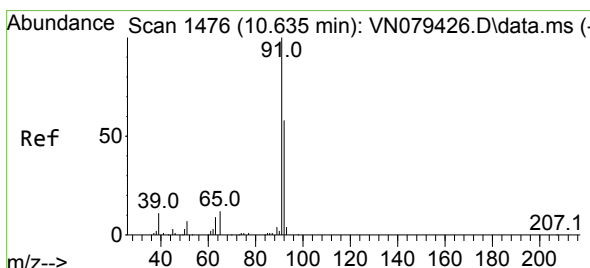
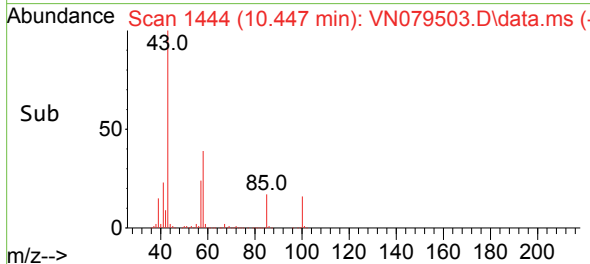
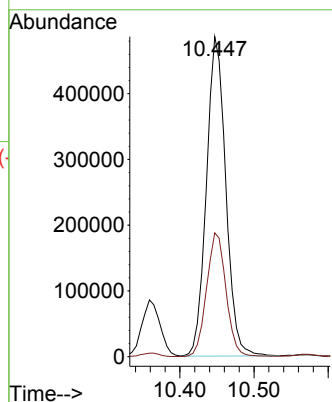
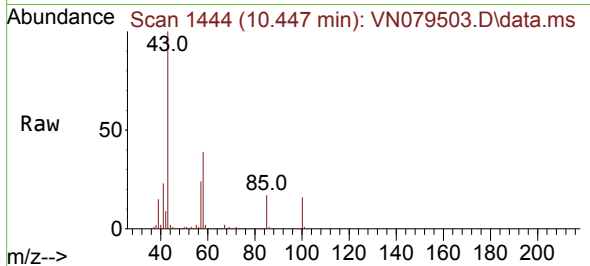




#51
4-Methyl-2-Pentanone
Concen: 141.014 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

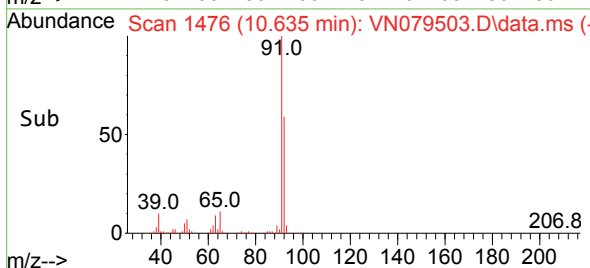
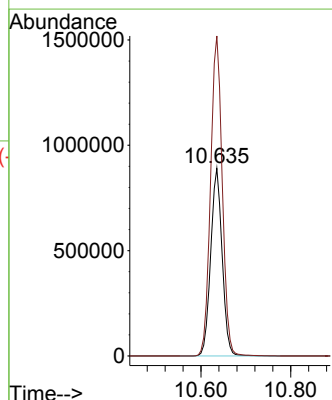
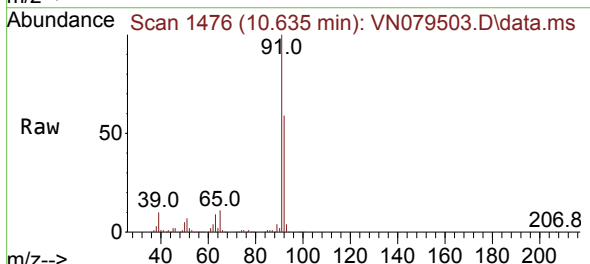
Instrument :
MSVOA_N
ClientSampleId :

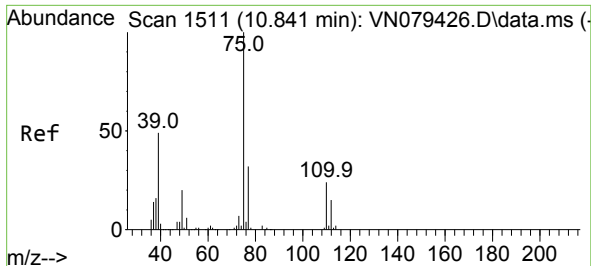
Tgt Ion: 43 Resp: 883252
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8



#52
Toluene
Concen: 141.311 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

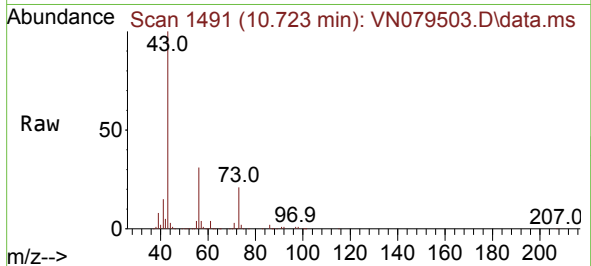
Tgt Ion: 92 Resp: 1572358
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0



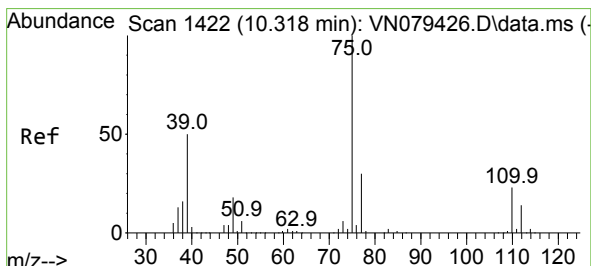
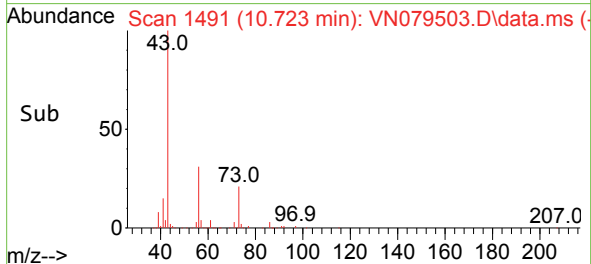
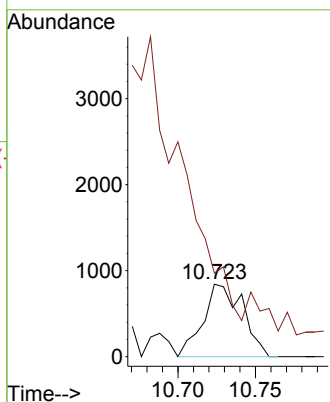


#53
 t-1,3-Dichloropropene
 Concen: 0.225 ug/l
 RT: 10.723 min Scan# 1491
 Delta R.T. -0.118 min
 Lab File: VN079503.D
 Acq: 10 Oct 2023 19:13

Instrument :
 MSVOA_N
 ClientSampleId :

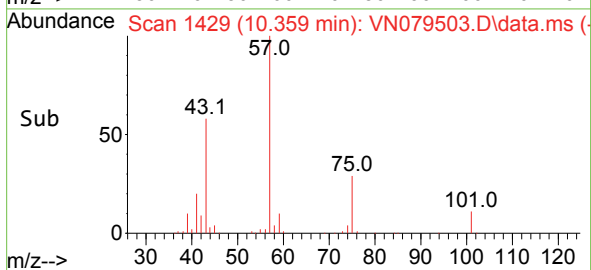
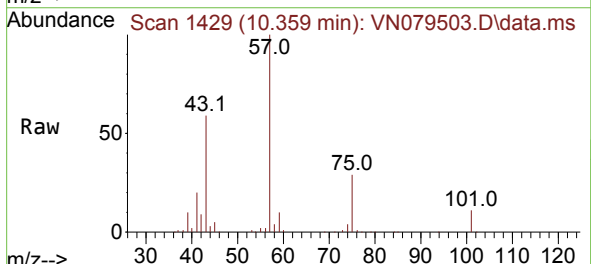
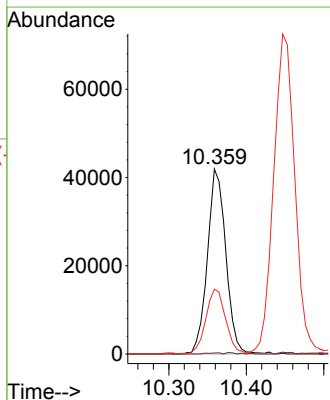


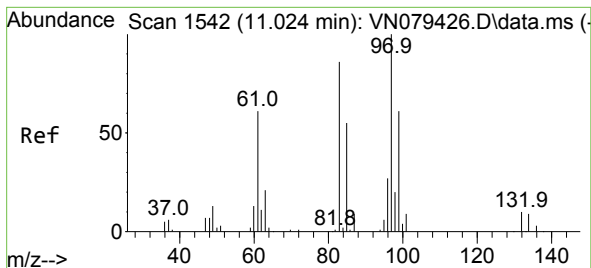
Tgt Ion: 75 Resp: 1502
 Ion Ratio Lower Upper
 75 100
 77 80.0 25.4 38.0#



#54
 cis-1,3-Dichloropropene
 Concen: 9.482 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.041 min
 Lab File: VN079503.D
 Acq: 10 Oct 2023 19:13

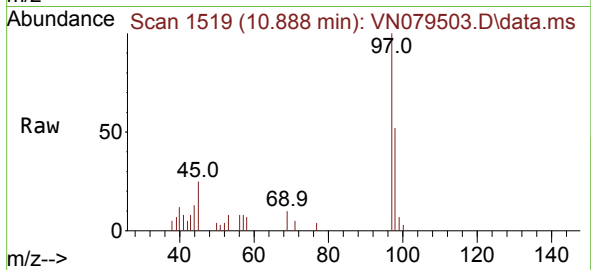
Tgt Ion: 75 Resp: 69410
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.1 39.1#
 39 35.0 31.6 47.4



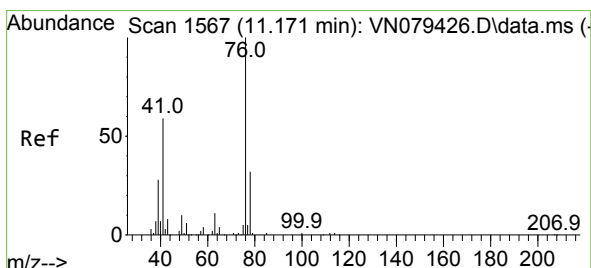
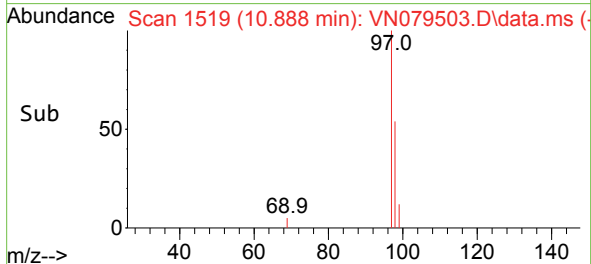
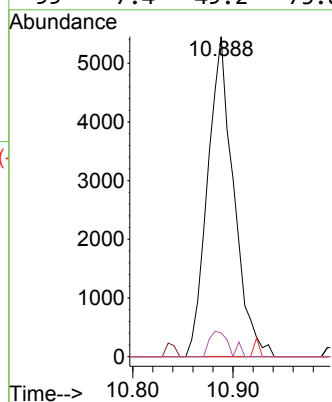


#55
1,1,2-Trichloroethane
Concen: 2.205 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. -0.135 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :

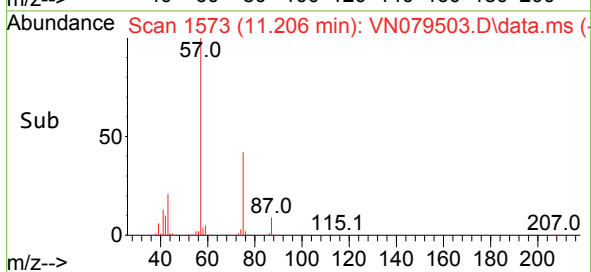
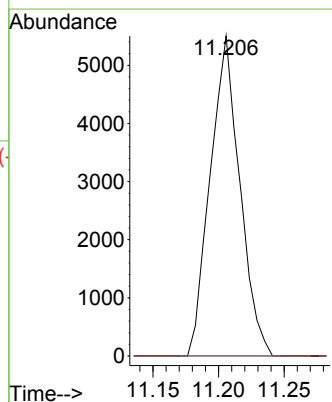
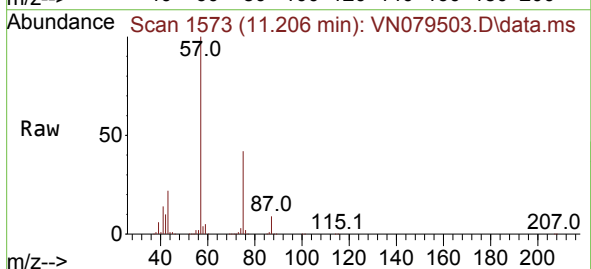


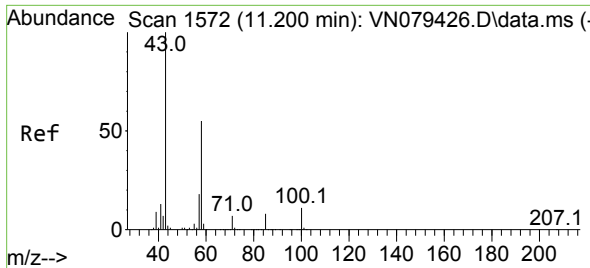
Tgt Ion:	97	Resp:	9848
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.1	97.7#
85	0.0	43.4	65.2#
99	7.4	49.2	73.8#



#57
1,3-Dichloropropane
Concen: 1.120 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.035 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion:	76	Resp:	8643
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

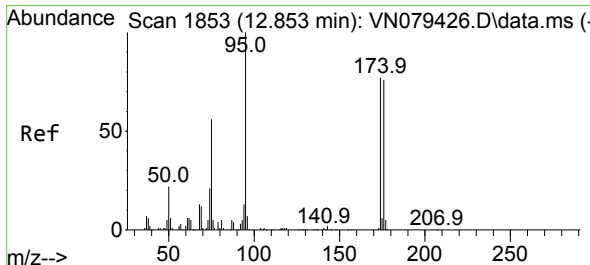
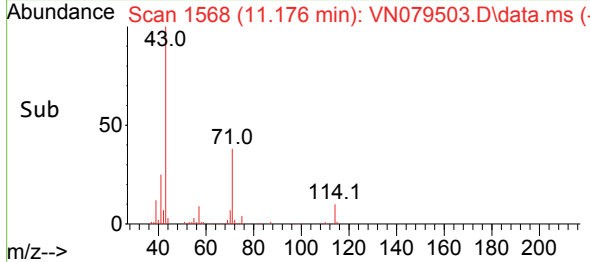
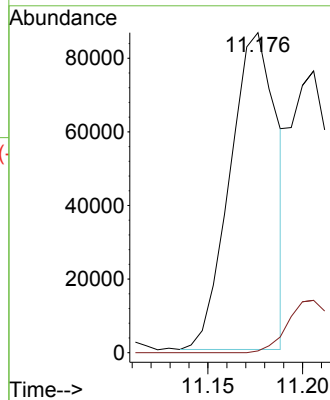
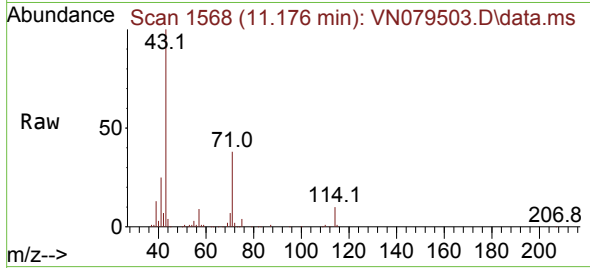




#59
2-Hexanone
Concen: 32.761 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

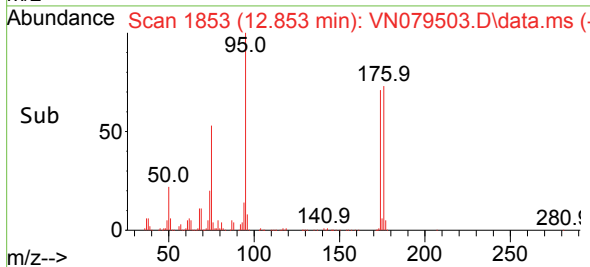
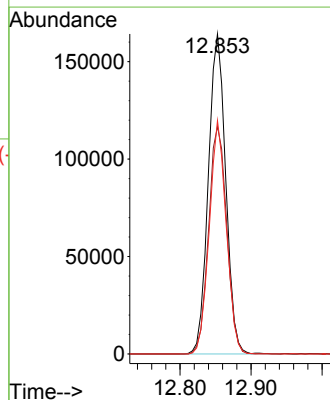
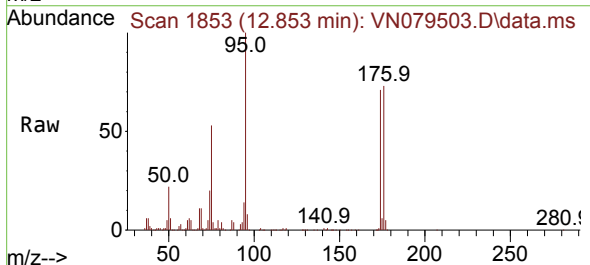
Instrument :
MSVOA_N
ClientSampleId :

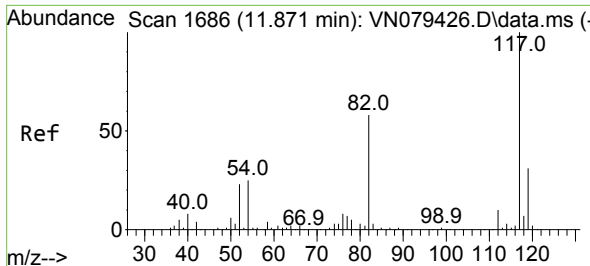
Tgt Ion: 43 Resp: 148075
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 56.703 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 95 Resp: 279230
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.1 0.0 135.8

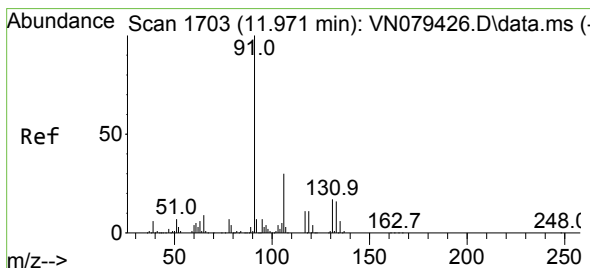
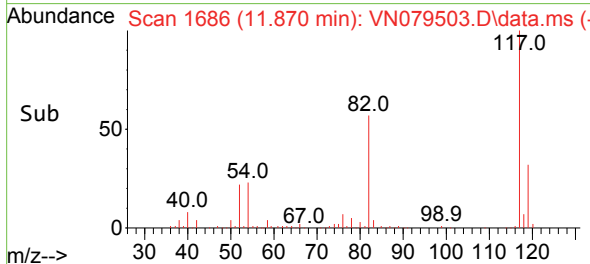
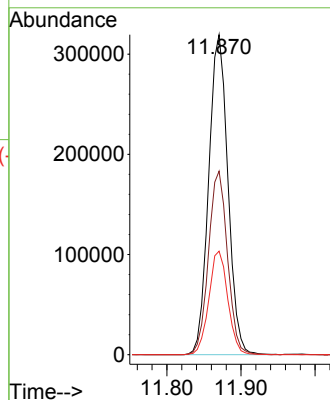
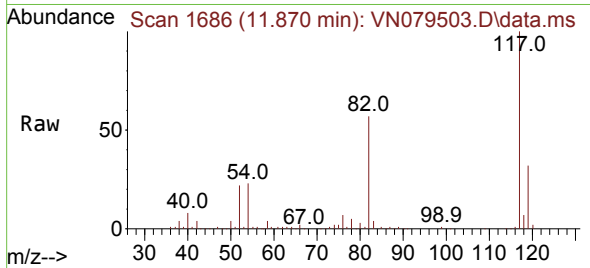




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

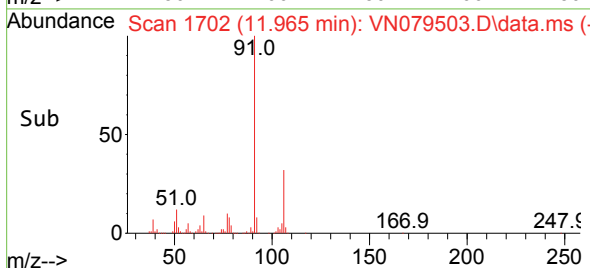
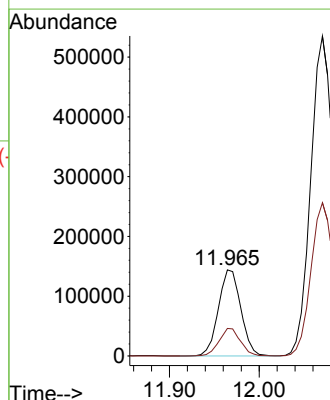
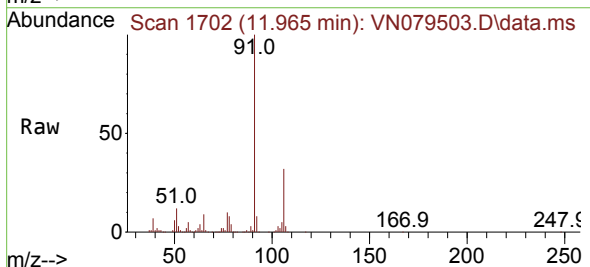
Instrument :
MSVOA_N
ClientSampleId :

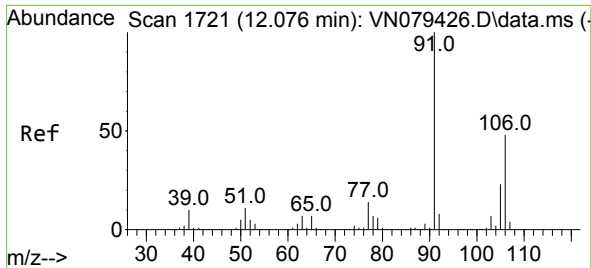
Tgt Ion:117 Resp: 574297
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 32.4 25.6 38.4



#67
Ethyl Benzene
Concen: 11.246 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 91 Resp: 250005
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

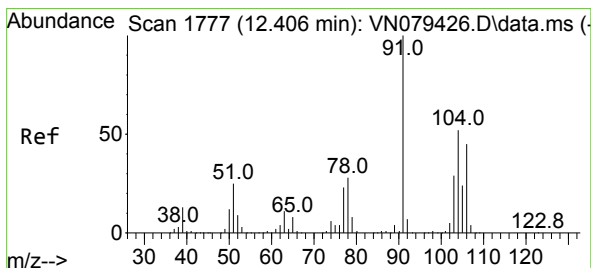
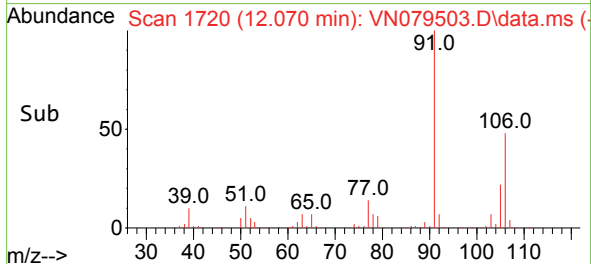
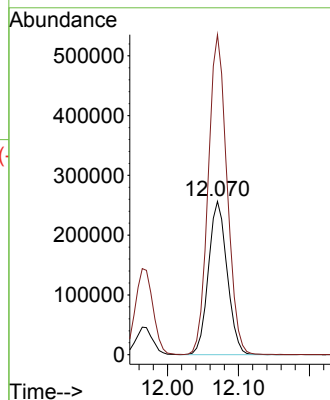
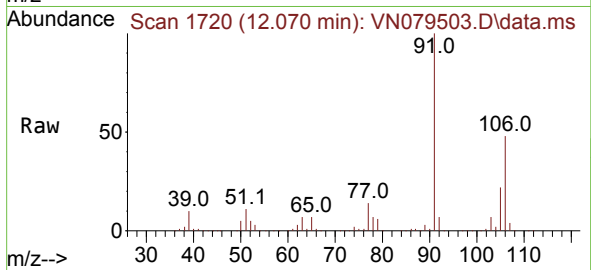




#68
m/p-Xylenes
Concen: 58.100 ug/l
RT: 12.070 min Scan# 1721
Delta R.T. -0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

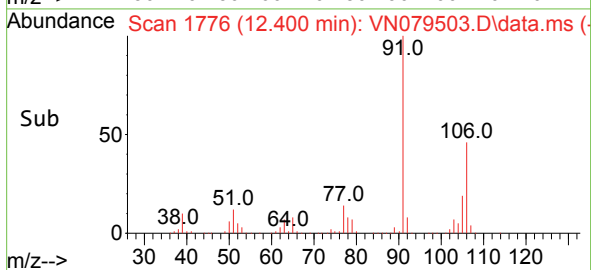
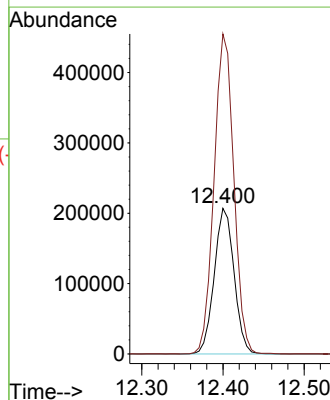
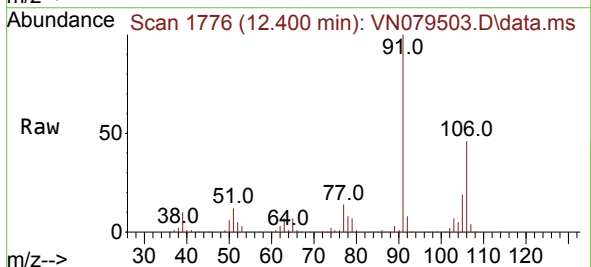
Instrument :
MSVOA_N
ClientSampleId :

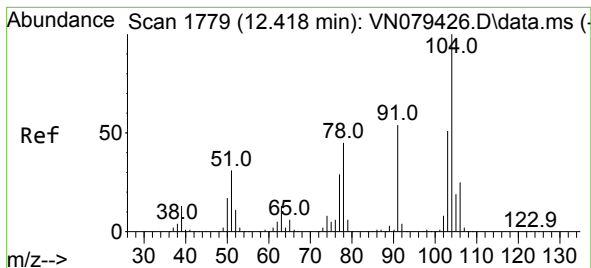
Tgt Ion:106 Resp: 469284
Ion Ratio Lower Upper
106 100
91 209.4 159.6 239.4



#69
o-Xylene
Concen: 44.245 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion:106 Resp: 351455
Ion Ratio Lower Upper
106 100
91 219.0 105.2 315.5





#70

Styrene

Concen: 5.113 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079503.D

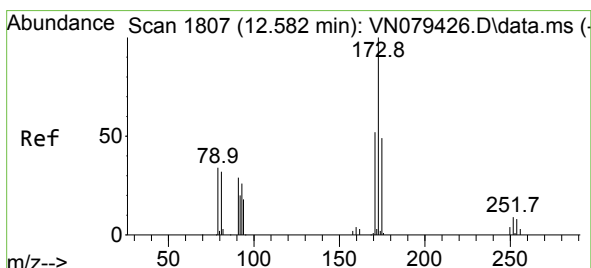
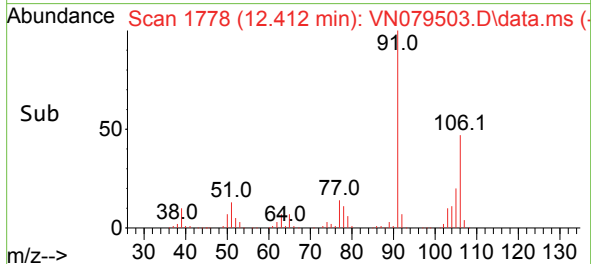
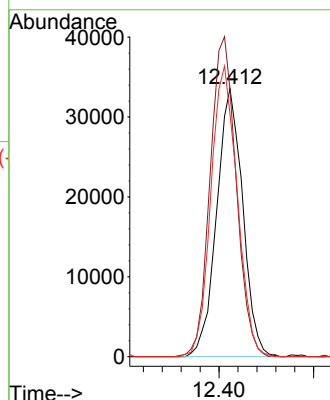
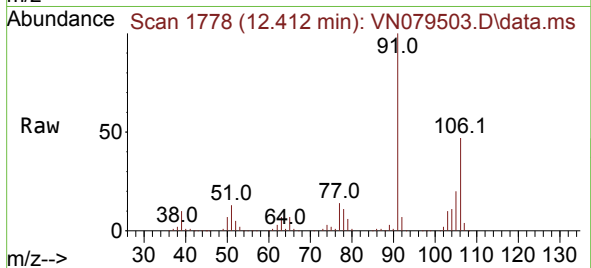
Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104 Resp: 64147
 Ion Ratio Lower Upper
 104 100
 78 119.5 39.5 59.3#
 103 109.7 43.2 64.8#



#71

Bromoform

Concen: 0.546 ug/l

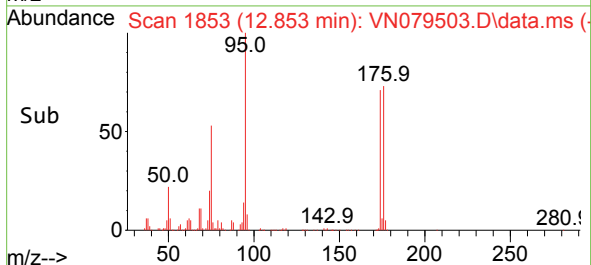
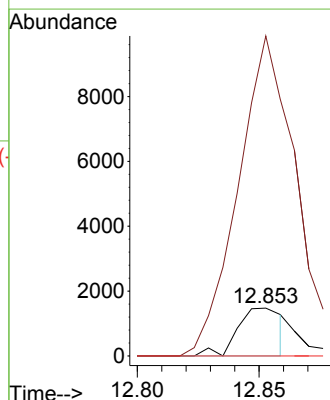
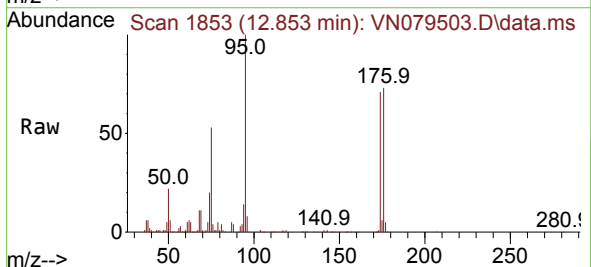
RT: 12.853 min Scan# 1853

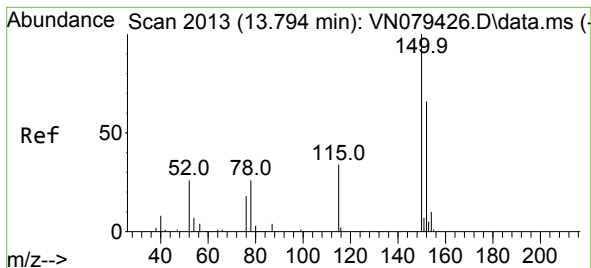
Delta R.T. 0.271 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Tgt Ion:173 Resp: 1872
 Ion Ratio Lower Upper
 173 100
 175 657.0 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

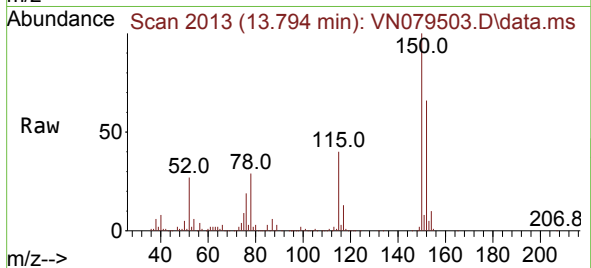
Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

ClientSampleId :



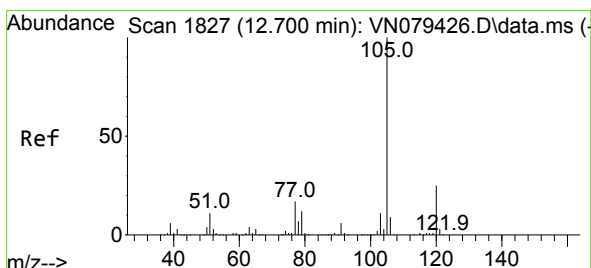
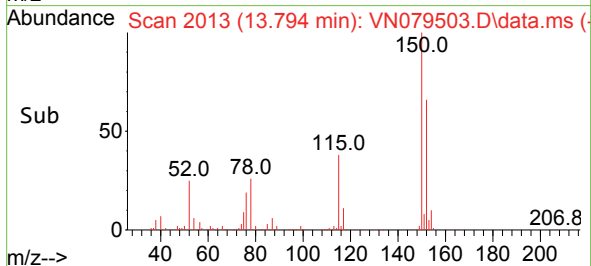
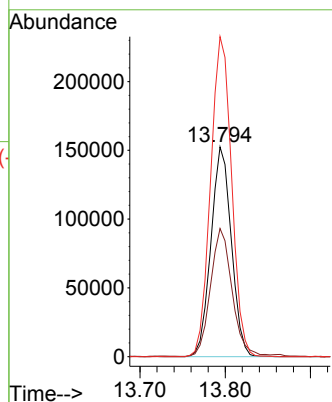
Tgt Ion:152 Resp: 253384

Ion Ratio Lower Upper

152 100

115 65.6 32.3 96.8

150 156.9 0.0 355.8



#73

Isopropylbenzene

Concen: 0.709 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN079503.D

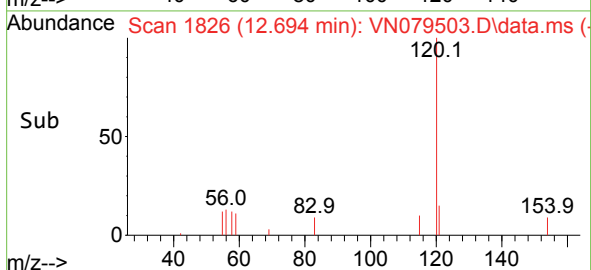
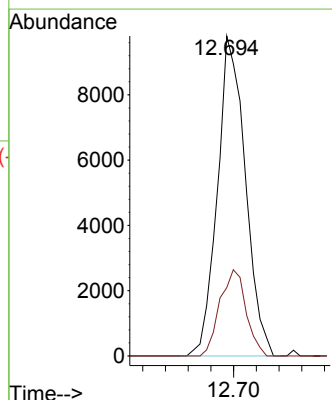
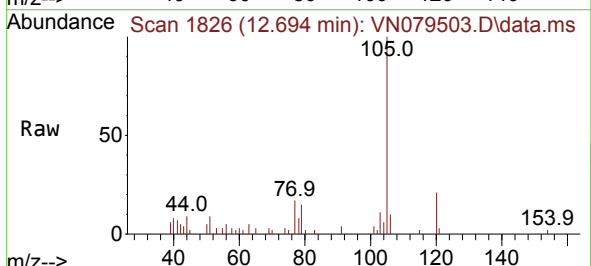
Acq: 10 Oct 2023 19:13

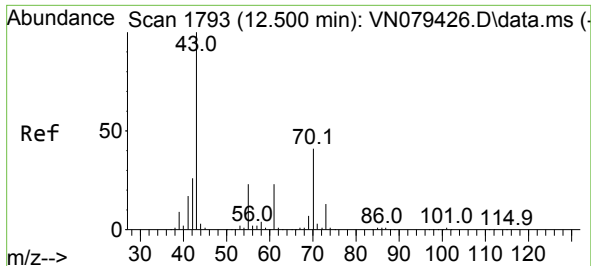
Tgt Ion:105 Resp: 16724

Ion Ratio Lower Upper

105 100

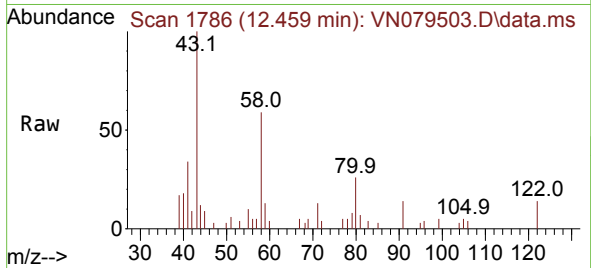
120 25.2 13.1 39.1



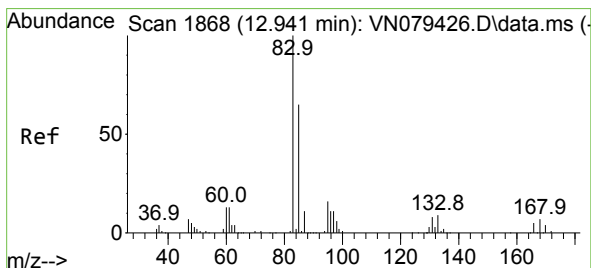
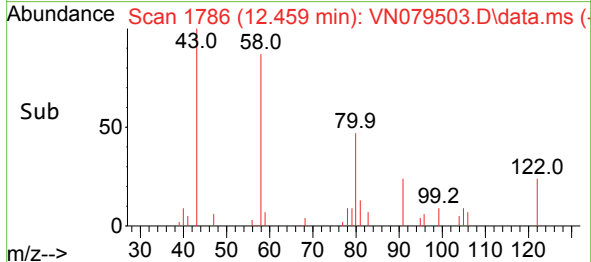
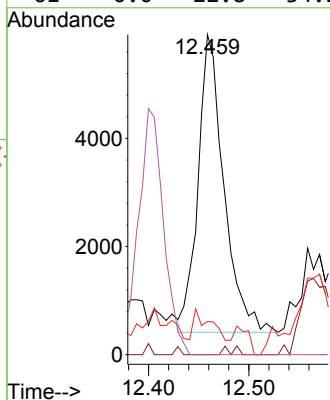


#74
N-amy1 acetate
Concen: 1.023 ug/l
RT: 12.459 min Scan# 1
Delta R.T. -0.041 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :

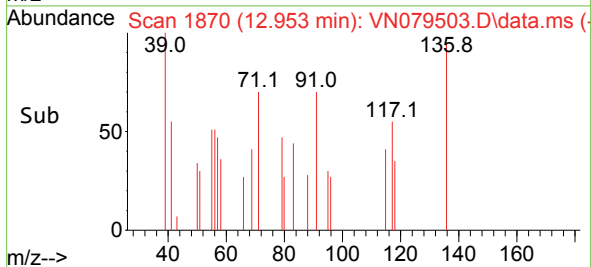
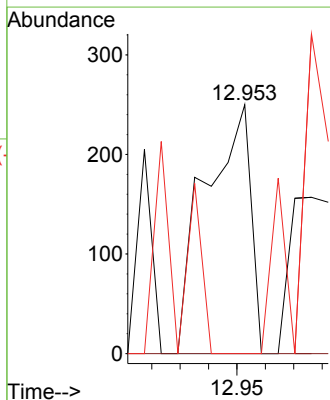
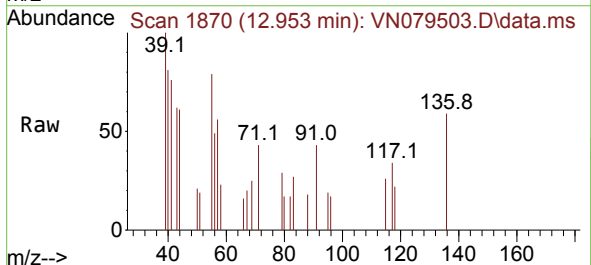


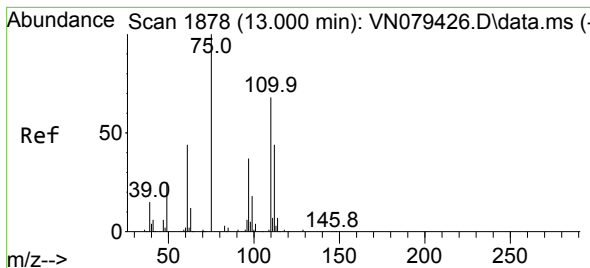
Tgt Ion: 43	Resp: 9885
Ion Ratio	Lower Upper
43	100
70	0.0 43.4 65.2#
55	6.3 21.4 32.0#
61	0.0 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.953 min Scan# 1870
Delta R.T. 0.012 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 83	Resp: 278
Ion Ratio	Lower Upper
83	100
131	0.0 5.0 15.0#
85	0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 20.526 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

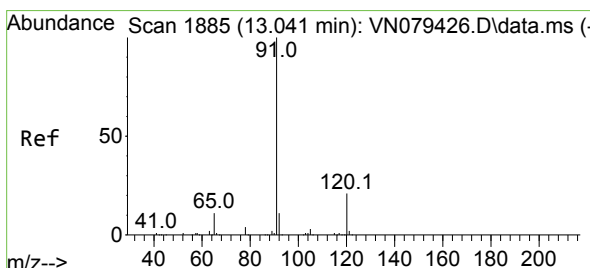
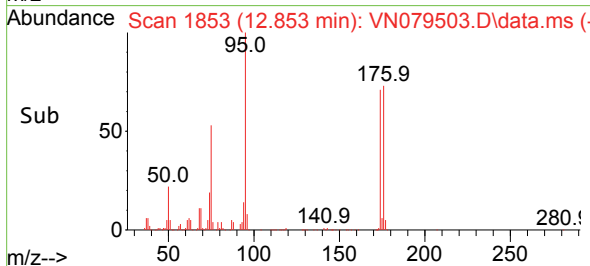
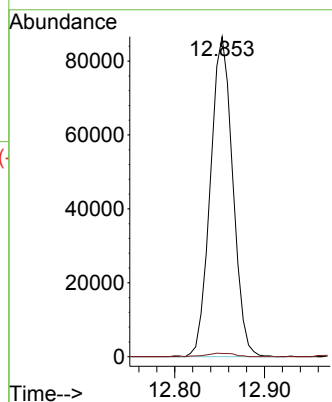
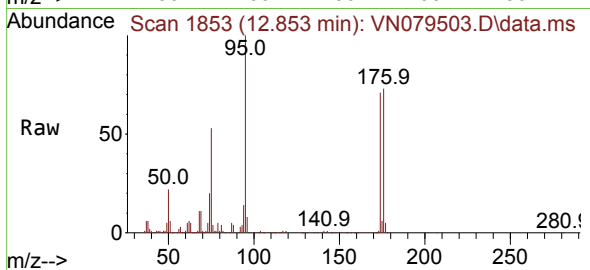
ClientSampleId :

Tgt Ion: 75 Resp: 149959

Ion Ratio Lower Upper

75 100

77 1.4 84.5 253.5#



#78

n-propylbenzene

Concen: 0.888 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079503.D

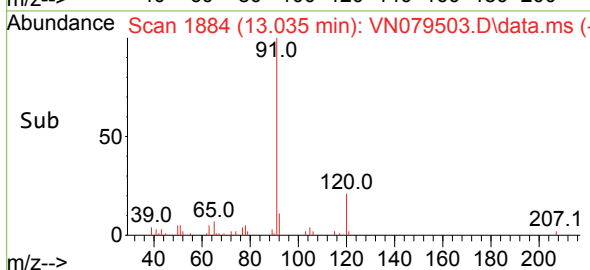
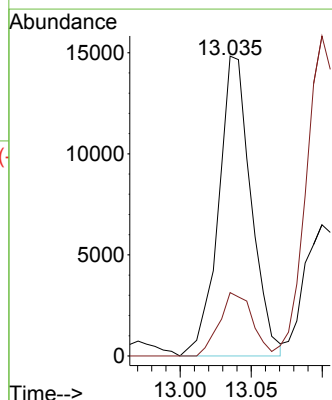
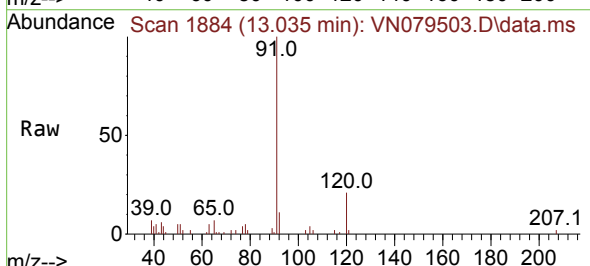
Acq: 10 Oct 2023 19:13

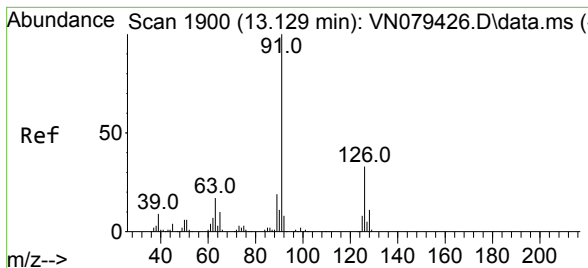
Tgt Ion: 91 Resp: 23678

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.590 ug/l

RT: 13.100 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

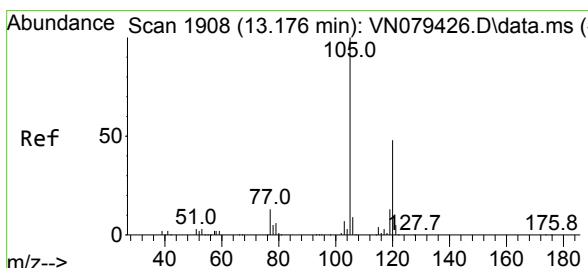
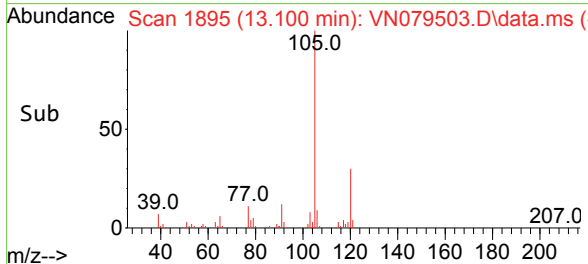
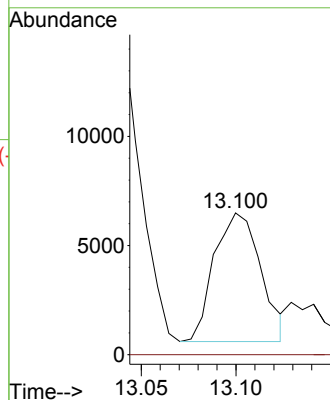
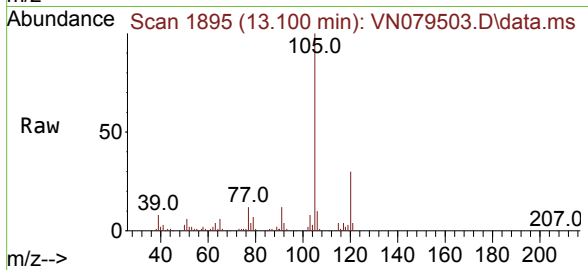
ClientSampleId :

Tgt Ion: 91 Resp: 10066

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 5.497 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079503.D

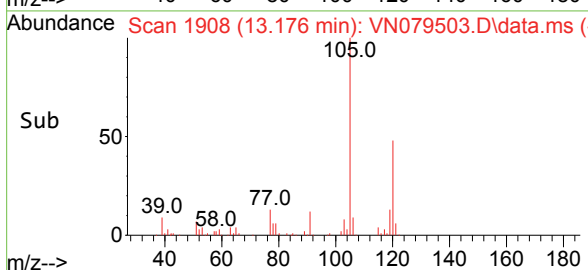
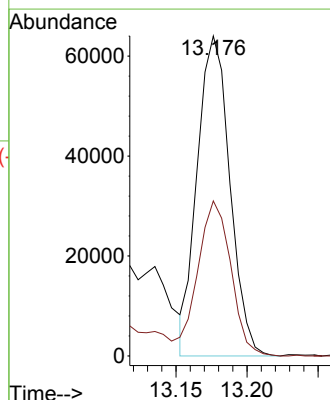
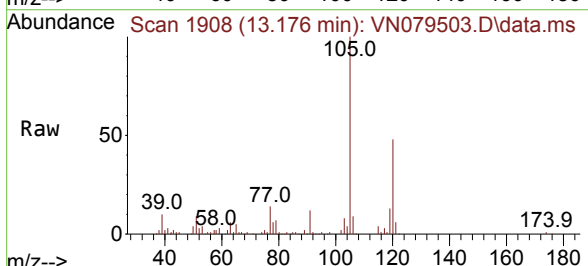
Acq: 10 Oct 2023 19:13

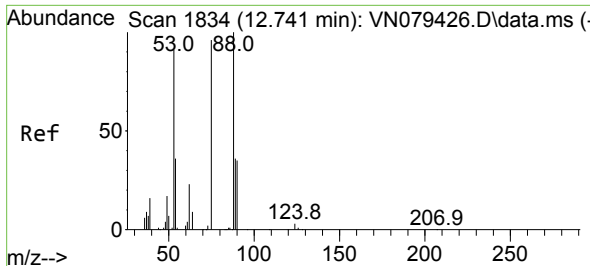
Tgt Ion: 105 Resp: 102174

Ion Ratio Lower Upper

105 100

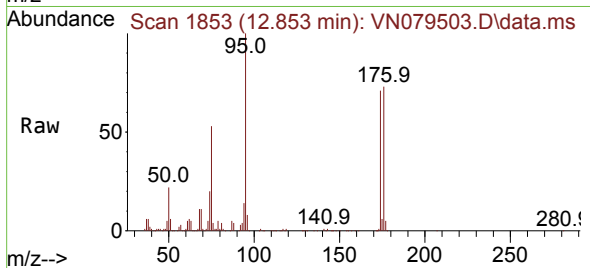
120 49.7 24.1 72.3



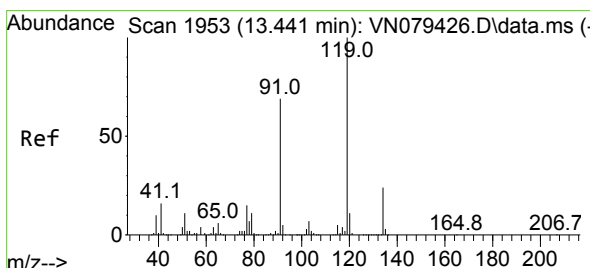
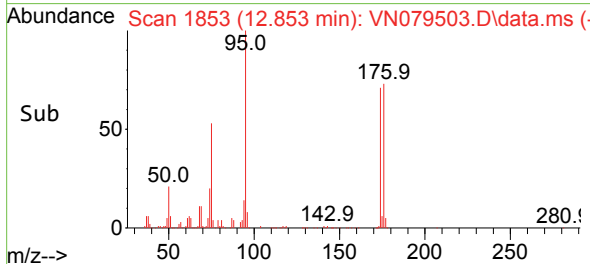
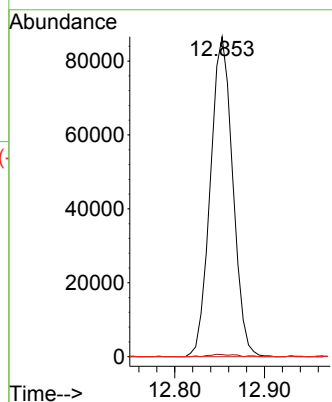


#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.558 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN079503.D
 Acq: 10 Oct 2023 19:13

Instrument :
 MSVOA_N
 ClientSampleId :

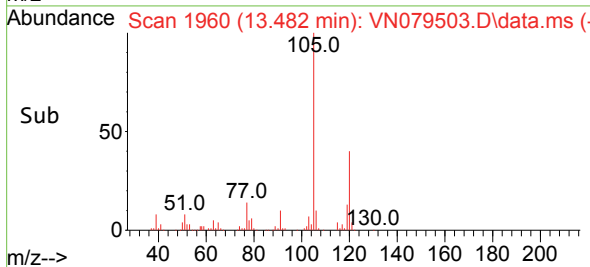
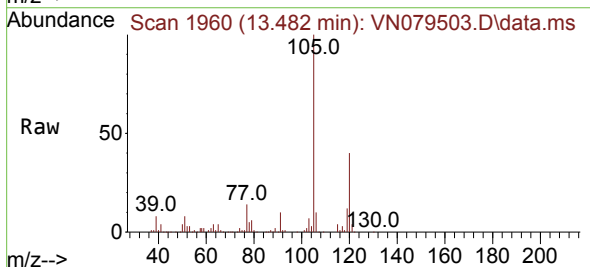
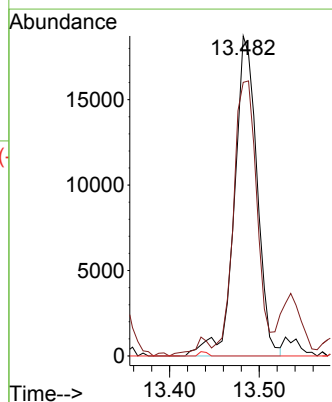


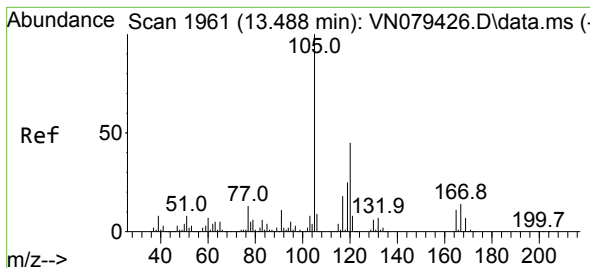
Tgt Ion: 75 Resp: 149959
 Ion Ratio Lower Upper
 75 100
 53 0.9 67.4 101.2#
 89 0.0 38.8 58.2#



#83
 tert-Butylbenzene
 Concen: 2.156 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.041 min
 Lab File: VN079503.D
 Acq: 10 Oct 2023 19:13

Tgt Ion: 119 Resp: 32830
 Ion Ratio Lower Upper
 119 100
 91 85.2 33.9 101.7
 134 0.0 13.2 39.6#





#84

1,2,4-Trimethylbenzene

Concen: 16.165 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.006 min

Lab File: VN079503.D

Acq: 10 Oct 2023 19:13

Instrument :

MSVOA_N

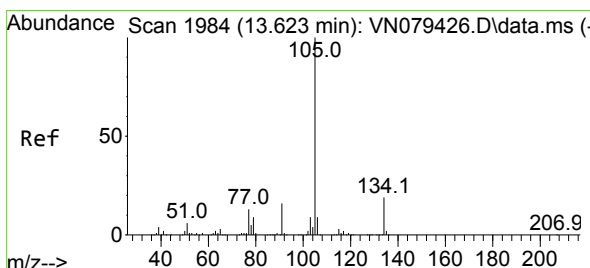
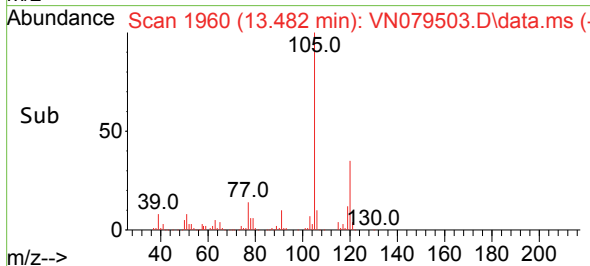
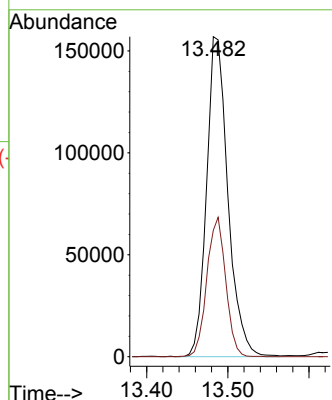
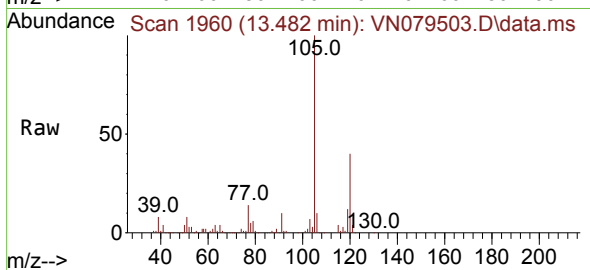
ClientSampleId :

Tgt Ion:105 Resp: 286752

Ion Ratio Lower Upper

105 100

120 38.4 22.0 66.0



#85

sec-Butylbenzene

Concen: 13.499 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.141 min

Lab File: VN079503.D

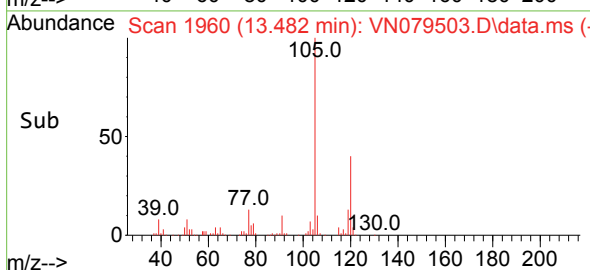
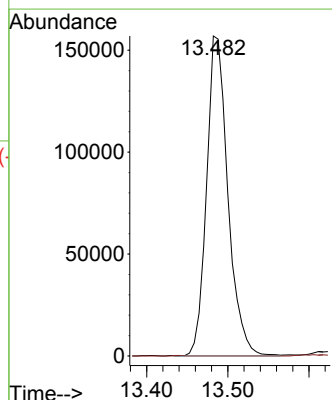
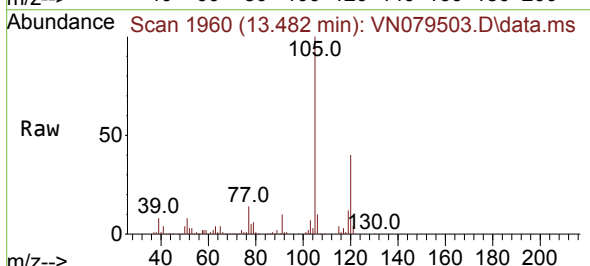
Acq: 10 Oct 2023 19:13

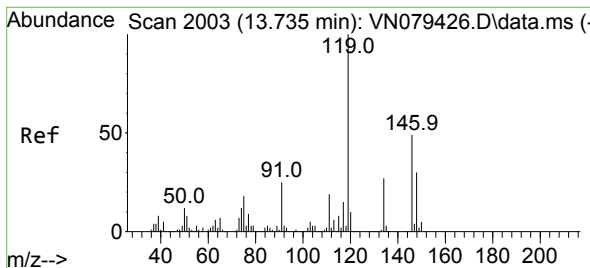
Tgt Ion:105 Resp: 286752

Ion Ratio Lower Upper

105 100

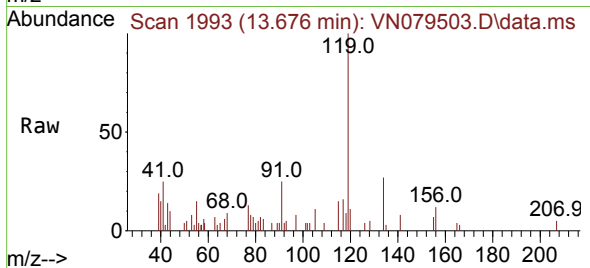
134 0.0 9.8 29.3#



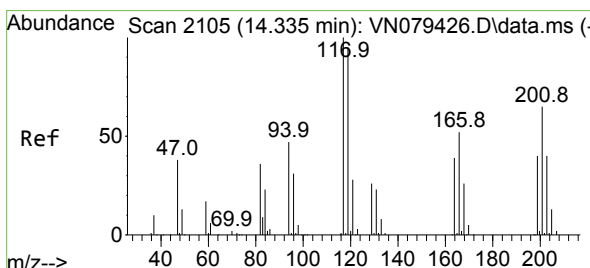
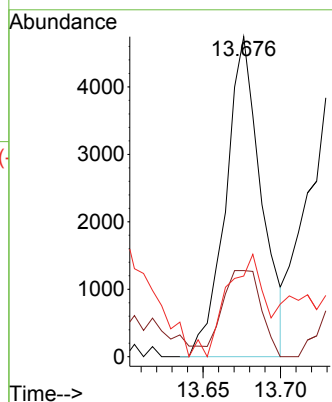
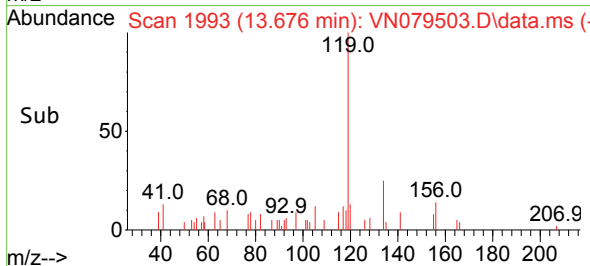


#86
p-Isopropyltoluene
Concen: 0.464 ug/l
RT: 13.676 min Scan# 1993
Delta R.T. -0.059 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :

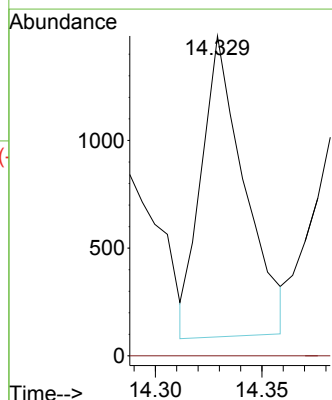
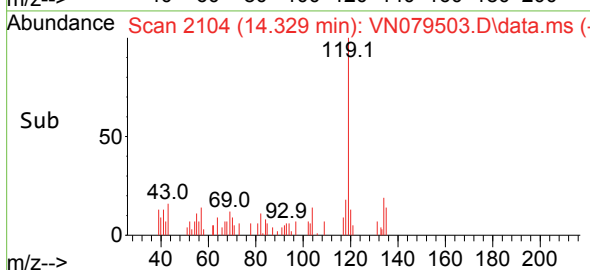
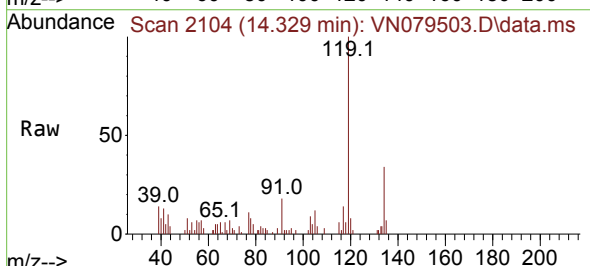


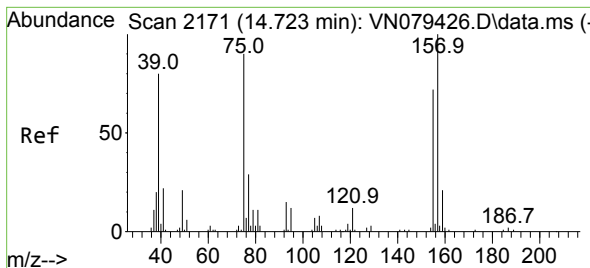
Tgt Ion:119 Resp: 7563
Ion Ratio Lower Upper
119 100
134 28.8 12.6 37.8
91 32.3 12.4 37.2



#90
Hexachloroethane
Concen: Below Cal
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

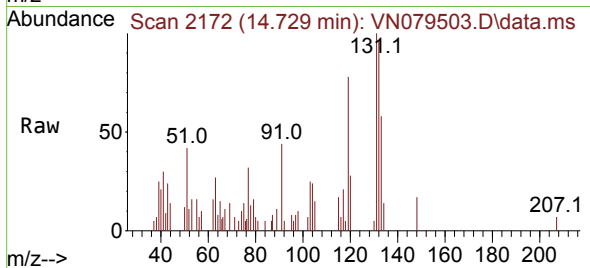
Tgt Ion:117 Resp: 1959
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#



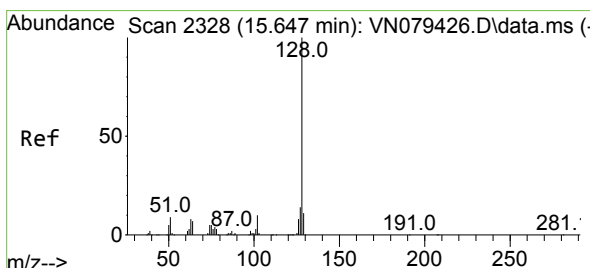
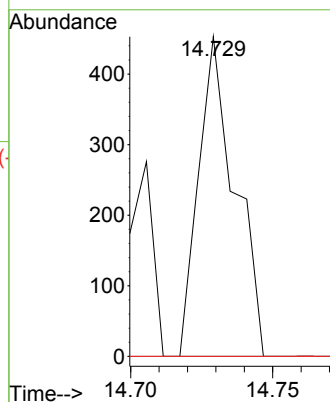
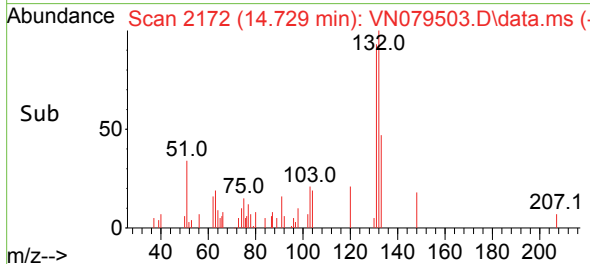


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.296 ug/l
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 404
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#



#95
Naphthalene
Concen: 662.957 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079503.D
Acq: 10 Oct 2023 19:13

Tgt Ion: 128 Resp: 5606859
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.8 8.7 13.1

