

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110423\
 Data File : VN079890.D
 Acq On : 04 Nov 2023 14:06
 Operator : JC\MD
 Sample : VN1104MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 06 02:12:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	254501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	498903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	508387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201516	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212506	54.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.620%	
35) Dibromofluoromethane	8.165	113	174071	49.297	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.600%	
50) Toluene-d8	10.571	98	612966	47.155	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.300%	
62) 4-Bromofluorobenzene	12.853	95	209471	48.588	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.180%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	1595	Below Cal	#	86
5) Bromomethane	2.971	94	2112	0.866	ug/l #	79
6) Chloroethane	3.118	64	1700	0.536	ug/l #	88
10) Methyl Iodide	4.589	142	3572	1.081	ug/l #	80
13) Acrolein	4.195	56	343	3.303	ug/l	90
15) Acrylonitrile	5.742	53	2152	1.395	ug/l #	21
16) Acetone	4.436	43	1344	0.987	ug/l	95
17) Carbon Disulfide	4.712	76	6361	0.805	ug/l	99
18) Methyl Acetate	5.048	43	1342	0.206	ug/l #	61
20) Methylene Chloride	5.283	84	1111	0.323	ug/l #	54
21) trans-1,2-Dichloroethene	5.783	96	1285	0.421	ug/l #	69
25) 2-Butanone	7.500	43	1396	0.700	ug/l #	86
30) Chloroform	7.971	83	3554	0.554	ug/l #	69
31) Cyclohexane	8.218	56	7419	1.448	ug/l #	57
38) Carbon Tetrachloride	8.230	117	28053	5.521	ug/l #	16
42) 1,2-Dichloroethane	8.671	62	1233	0.234	ug/l #	73
44) Trichloroethene	9.359	130	977	0.261	ug/l	63
47) Bromodichloromethane	9.888	83	1980	0.352	ug/l #	58
49) 1,4-Dioxane	9.736	88	54	0.860	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	1867	0.409	ug/l #	75
59) 2-Hexanone	11.200	43	3348	0.959	ug/l	79
61) 1,2-Dibromoethane	11.471	107	727	0.201	ug/l #	54
68) m/p-Xylenes	12.082	106	2361	0.330	ug/l	94
74) N-amyl acetate	12.500	43	1389	0.208	ug/l #	76
76) 1,2,3-Trichloropropane	12.853	75	113781	24.050	ug/l #	1
77) Bromobenzene	12.982	156	1210	0.323	ug/l	94
78) n-propylbenzene	13.041	91	4480	0.256	ug/l	82
79) 2-Chlorotoluene	13.135	91	2457	0.220	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	113781	65.435	ug/l #	15
82) 4-Chlorotoluene	13.224	91	3578	0.322	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	2586	0.221	ug/l	93
85) sec-Butylbenzene	13.618	105	3175	0.235	ug/l #	78
86) p-Isopropyltoluene	13.735	119	2582	0.235	ug/l	86
87) 1,3-Dichlorobenzene	13.735	146	3761	0.540	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	3761	0.532	ug/l	94
89) n-Butylbenzene	14.065	91	6007	0.634	ug/l	91

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Instrument :
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Quant Time: Nov 06 02:12:15 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

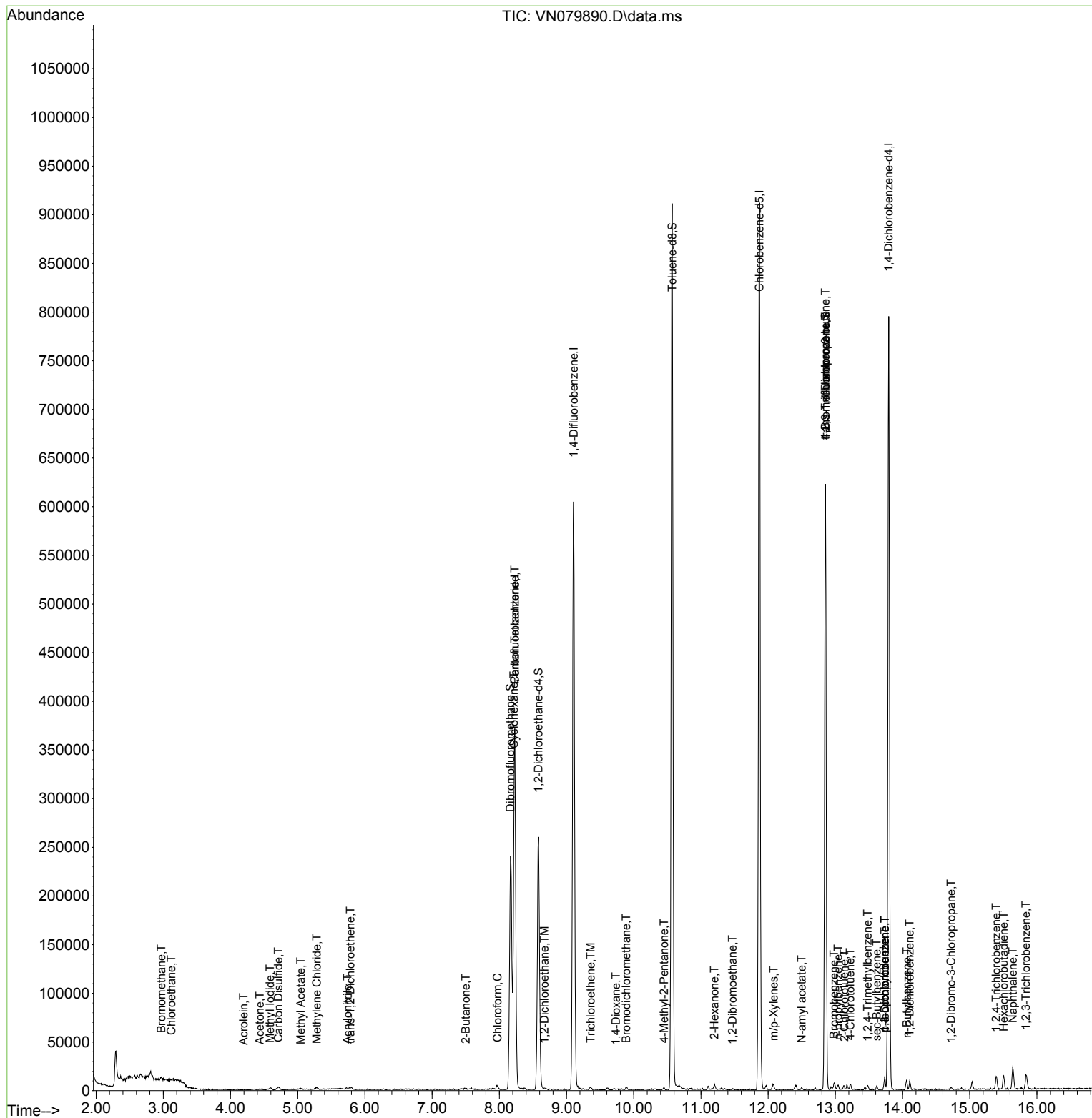
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.106	146	3586	0.545	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	759	0.825	ug/l	59
93) 1,2,4-Trichlorobenzene	15.394	180	4581	1.465	ug/l	91
94) Hexachlorobutadiene	15.506	225	2992	2.111	ug/l	98
95) Naphthalene	15.641	128	19576	1.846	ug/l	96
96) 1,2,3-Trichlorobenzene	15.835	180	5857	1.911	ug/l	99

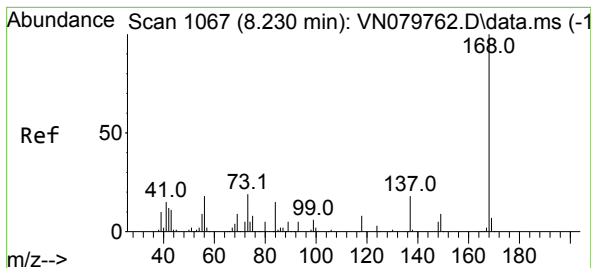
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

Instrument :

MSVOA_N

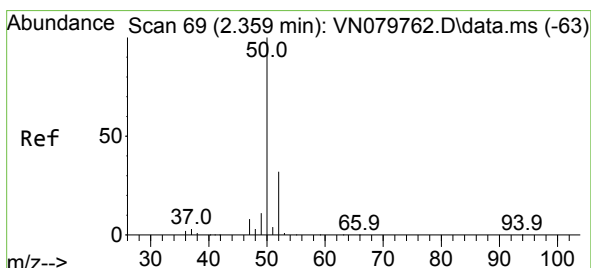
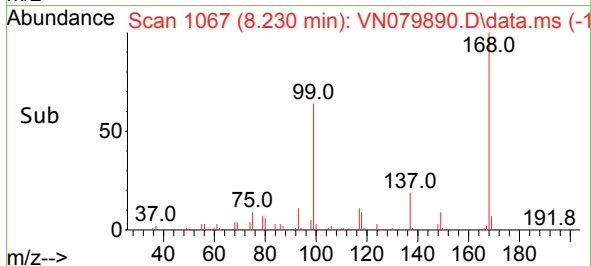
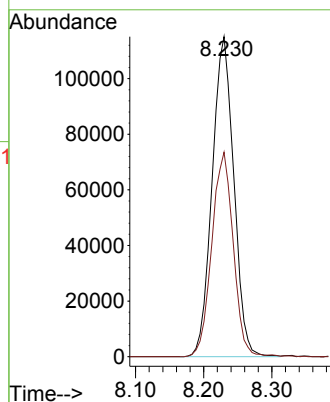
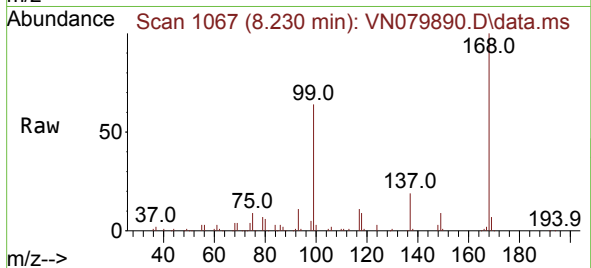
ClientSampleId :

Tgt Ion:168 Resp: 254501

Ion Ratio Lower Upper

168 100

99 63.9 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN079890.D

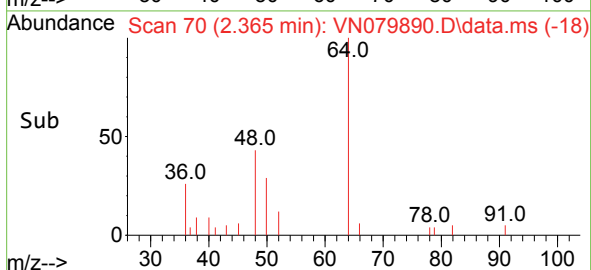
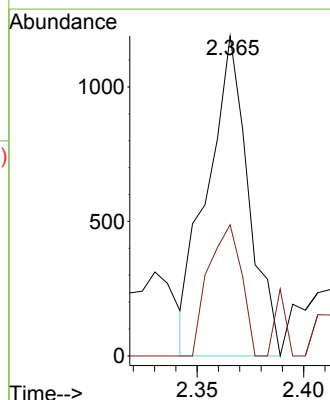
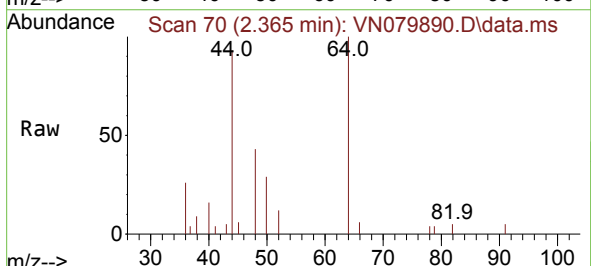
Acq: 04 Nov 2023 14:06

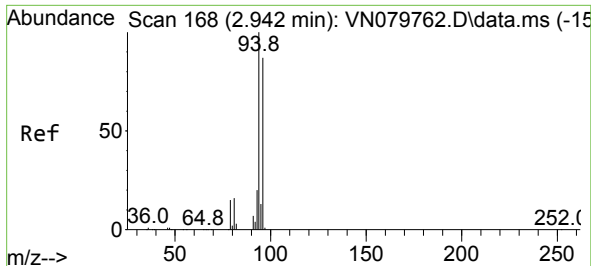
Tgt Ion: 50 Resp: 1595

Ion Ratio Lower Upper

50 100

52 41.0 26.5 39.7#

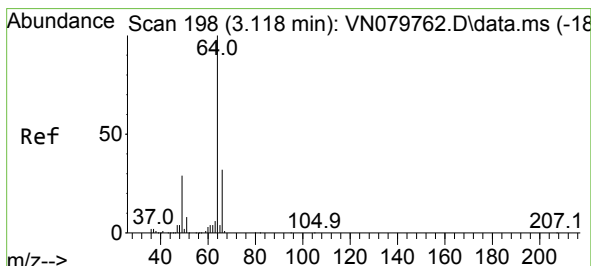
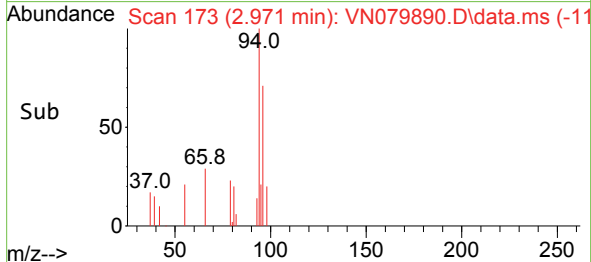
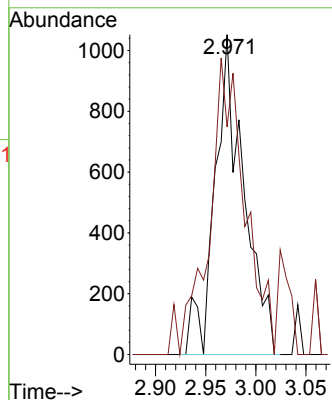
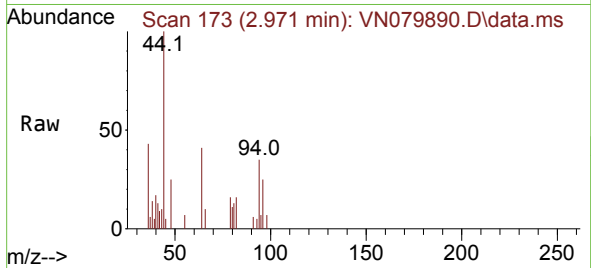




#5
Bromomethane
Concen: 0.866 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

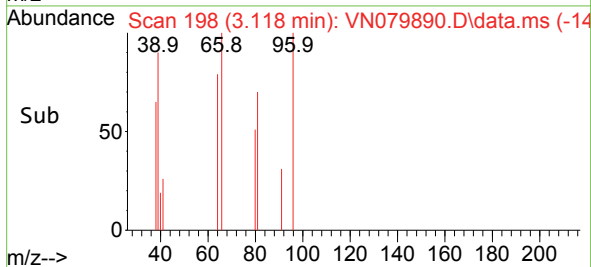
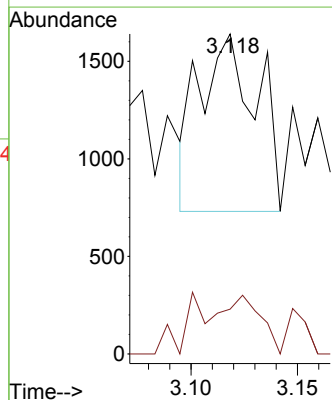
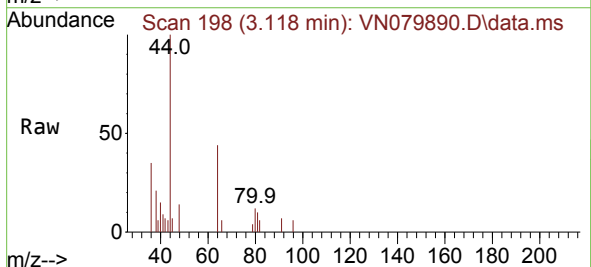
Instrument :
MSVOA_N
ClientSampleId :

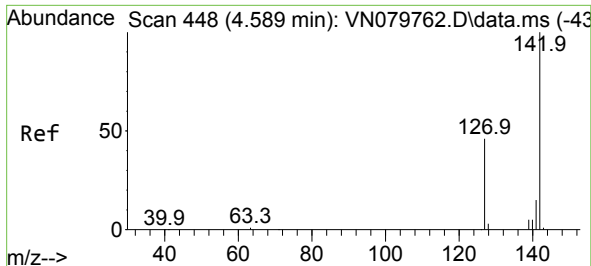
Tgt Ion: 94 Resp: 2112
Ion Ratio Lower Upper
94 100
96 71.2 73.1 109.7#



#6
Chloroethane
Concen: 0.536 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

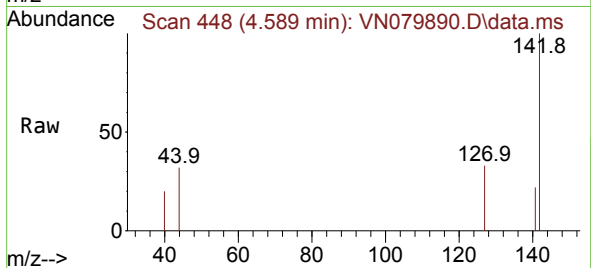
Tgt Ion: 64 Resp: 1700
Ion Ratio Lower Upper
64 100
66 25.3 25.4 38.2#



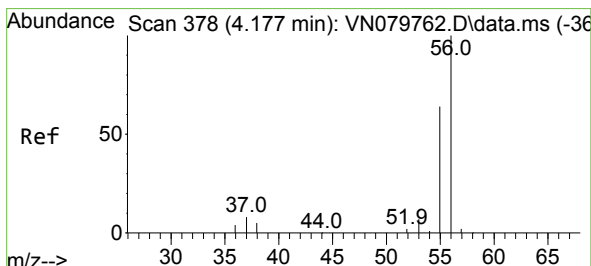
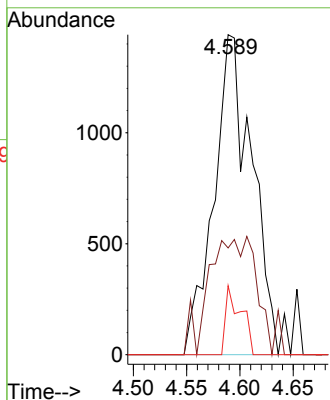
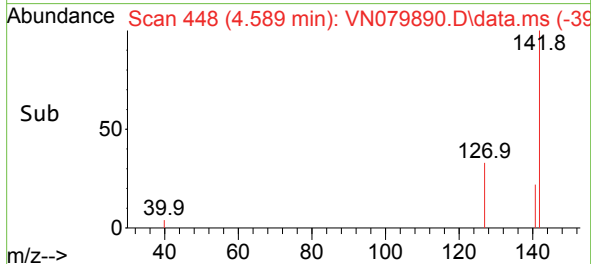


#10
Methyl Iodide
Concen: 1.081 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

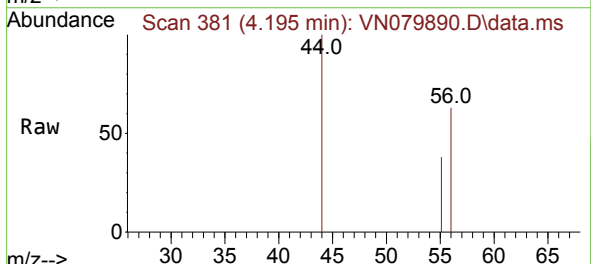
Instrument :
MSVOA_N
ClientSampleId :



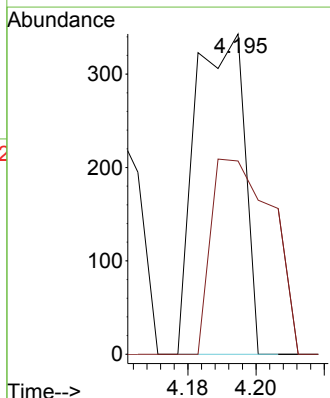
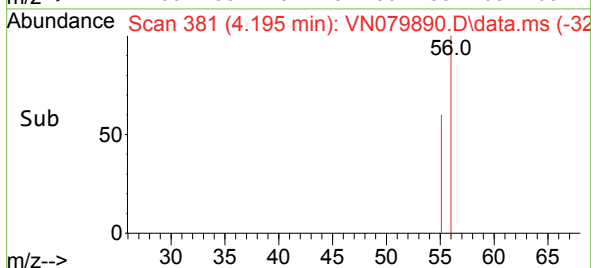
Tgt Ion:142 Resp: 3572
Ion Ratio Lower Upper
142 100
127 33.4 37.6 56.4#
141 21.6 11.4 17.0#

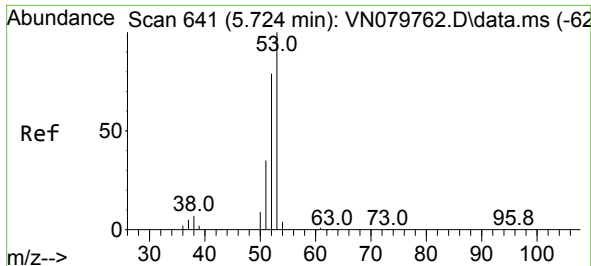


#13
Acrolein
Concen: 3.303 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06



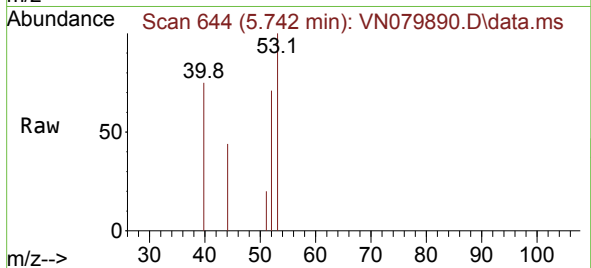
Tgt Ion: 56 Resp: 343
Ion Ratio Lower Upper
56 100
55 75.8 54.5 81.7



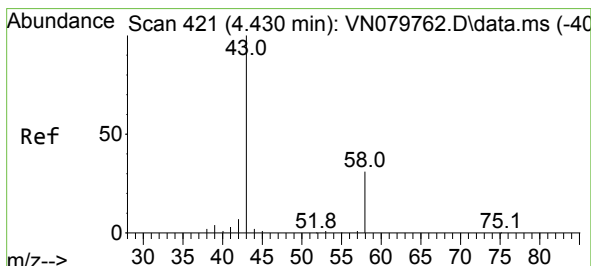
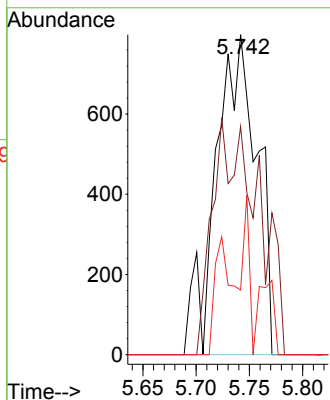
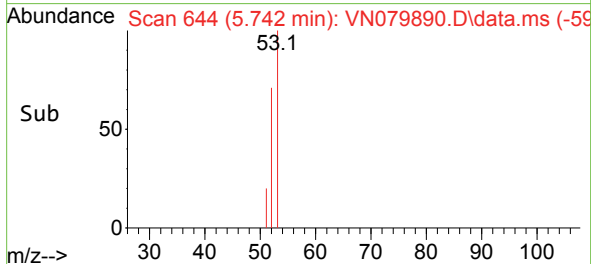


#15
Acrylonitrile
Concen: 1.395 ug/l
RT: 5.742 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :

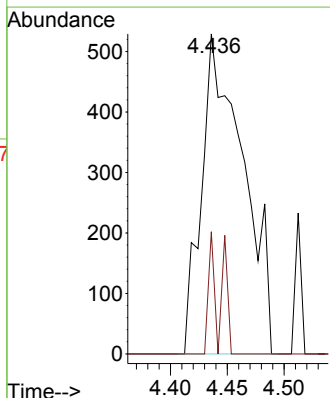
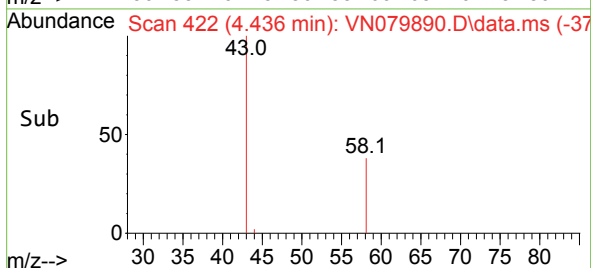
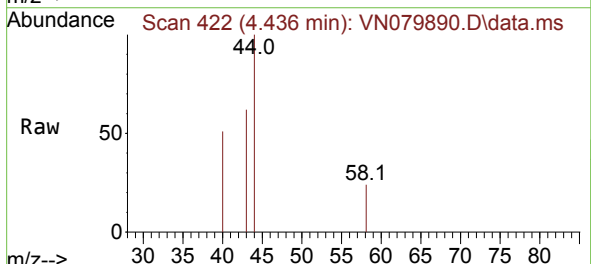


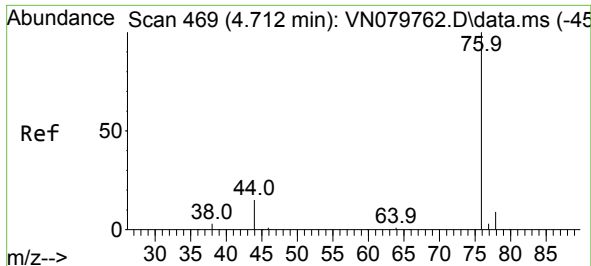
Tgt Ion: 53 Resp: 2152
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 6.5 28.9 43.3#



#16
Acetone
Concen: 0.987 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

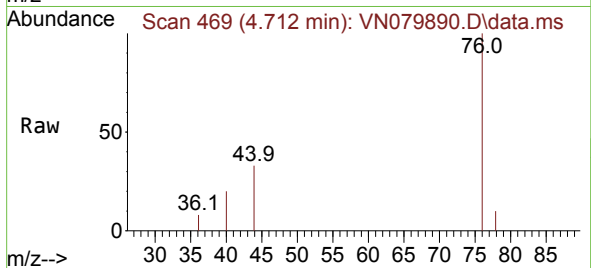
Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
58 38.2 28.0 42.0



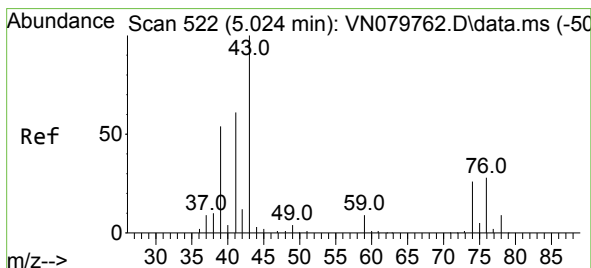
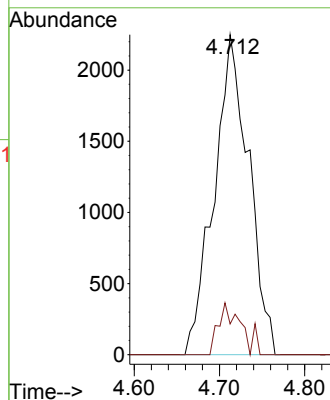
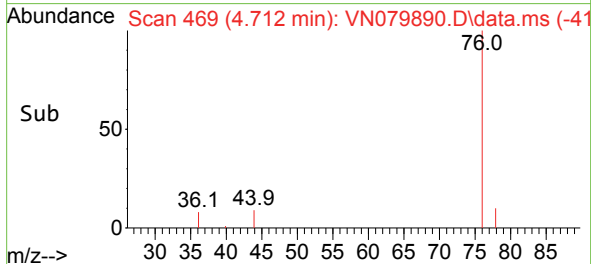


#17
Carbon Disulfide
Concen: 0.805 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :

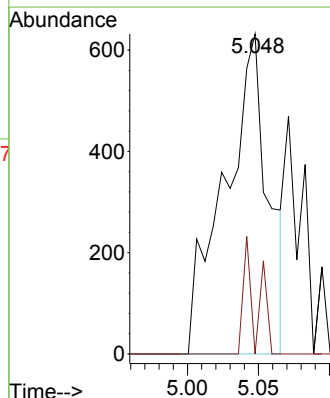
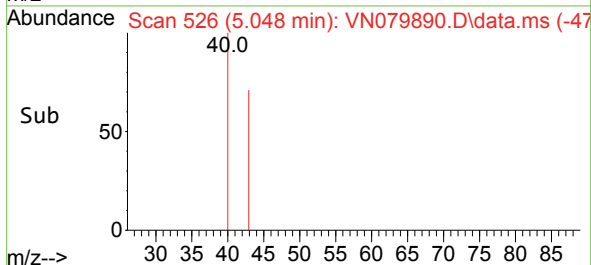
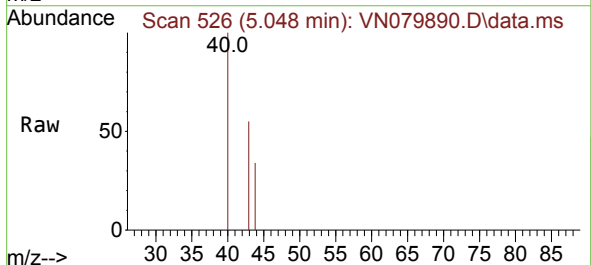


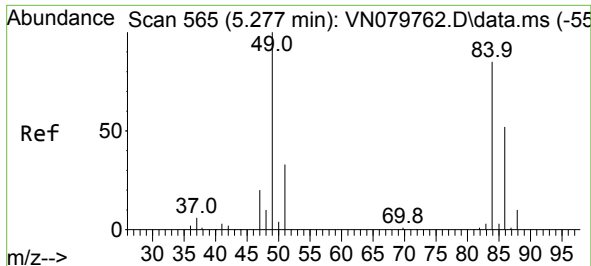
Tgt Ion: 76 Resp: 6361
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.024 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

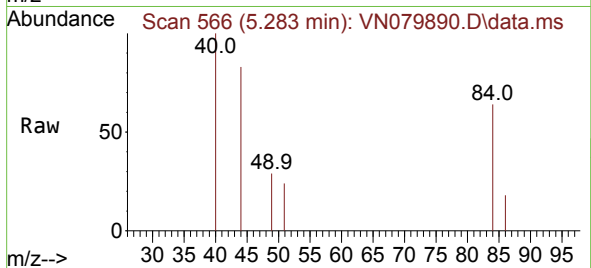
Tgt Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
74 11.0 26.2 39.4#





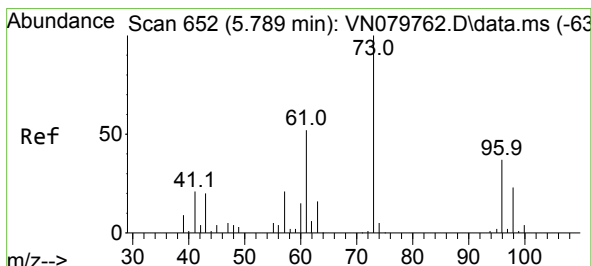
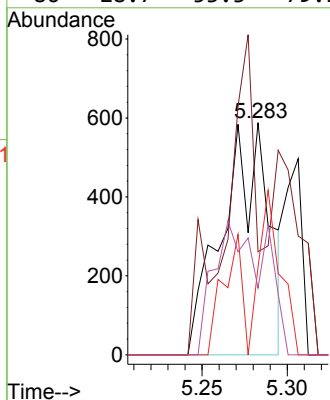
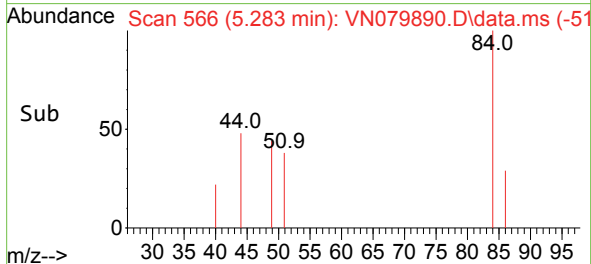
#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 5.283 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1111

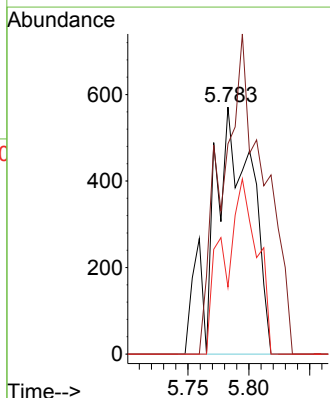
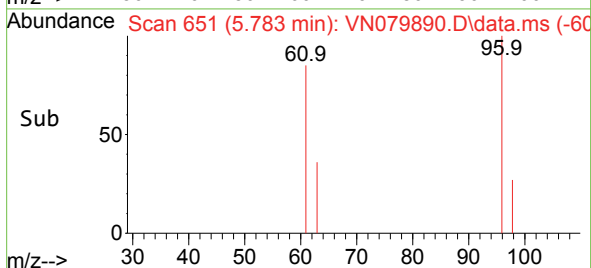
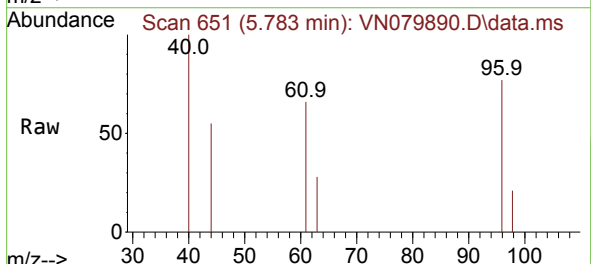
Ion	Ratio	Lower	Upper
84	100		
49	44.4	79.7	119.5#
51	37.9	25.2	37.8#
86	28.7	53.3	79.9#

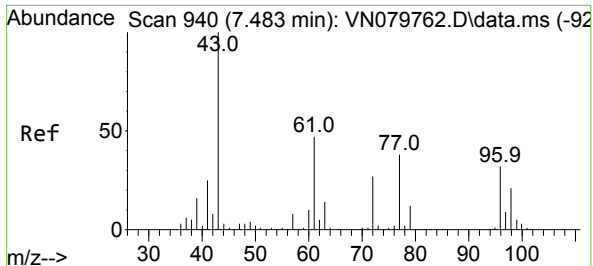


#21
trans-1,2-Dichloroethene
Concen: 0.421 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 96 Resp: 1285

Ion	Ratio	Lower	Upper
96	100		
61	85.1	90.1	135.1#
98	27.1	46.4	69.6#

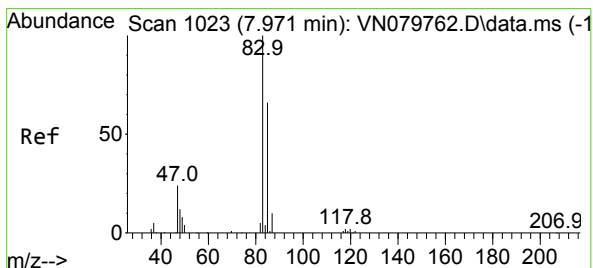
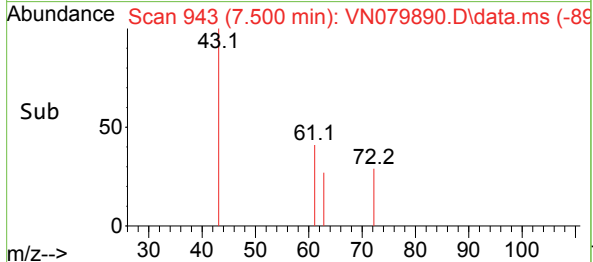
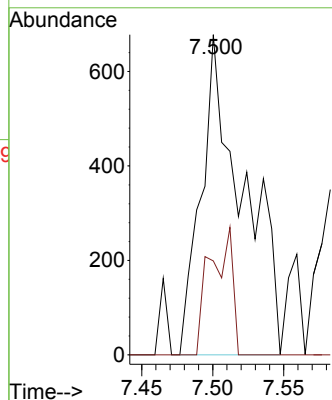
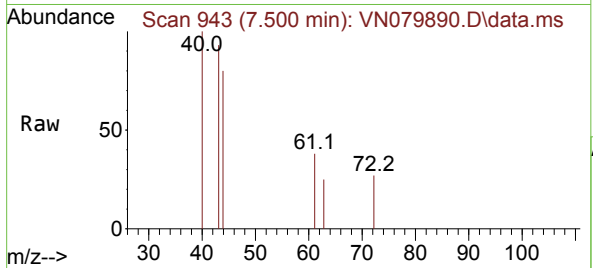




#25
2-Butanone
Concen: 0.700 ug/l
RT: 7.500 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

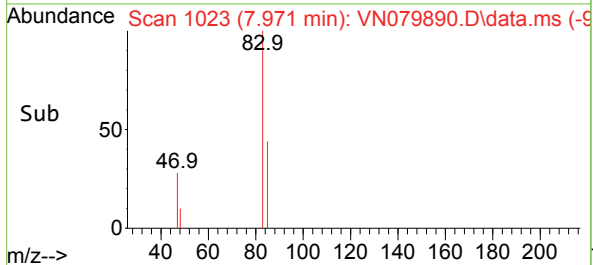
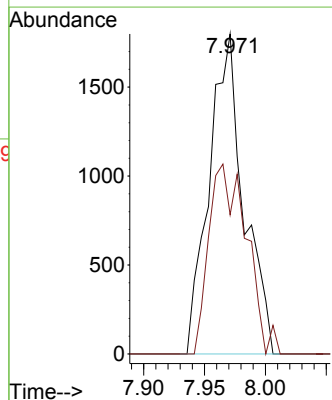
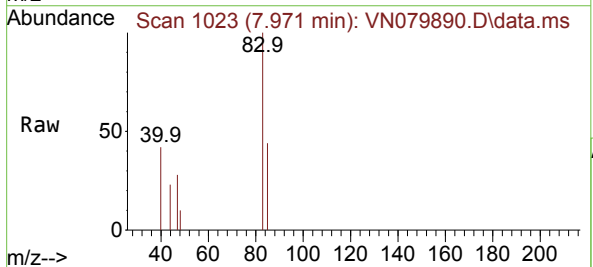
Instrument :
MSVOA_N
ClientSampleId :

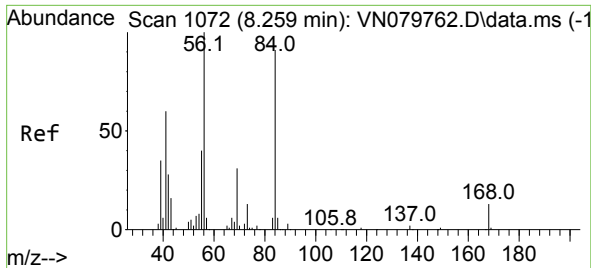
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
72 29.4 30.2 45.2#



#30
Chloroform
Concen: 0.554 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

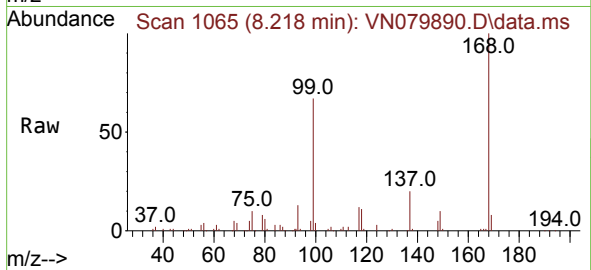
Tgt Ion: 83 Resp: 3554
Ion Ratio Lower Upper
83 100
85 43.5 55.4 83.0#



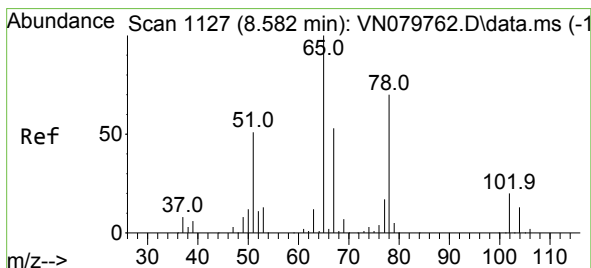
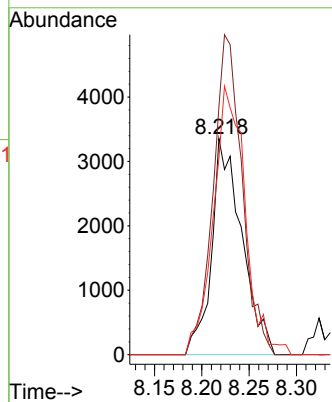
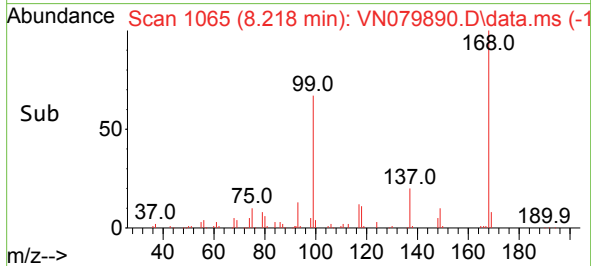


#31
Cyclohexane
Concen: 1.448 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :

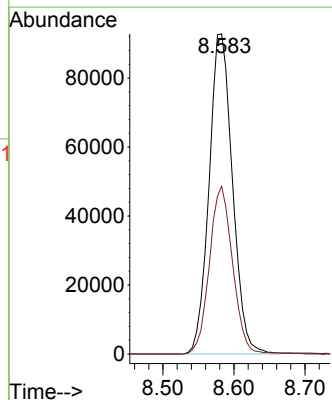
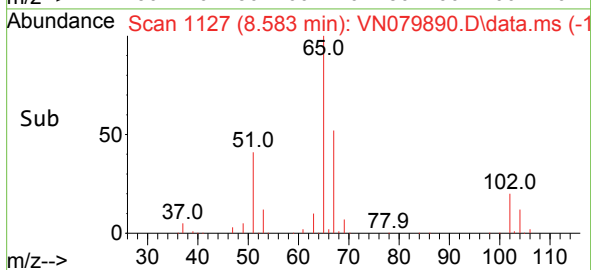
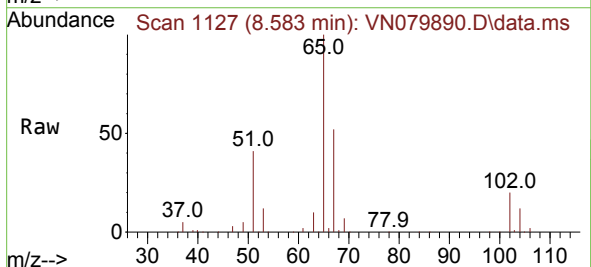


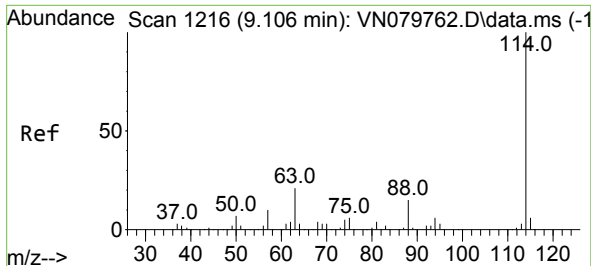
Tgt Ion: 56 Resp: 7419
Ion Ratio Lower Upper
56 100
69 114.6 26.8 40.2#
84 91.0 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 54.806 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 65 Resp: 212506
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# 1

Delta R.T. 0.000 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

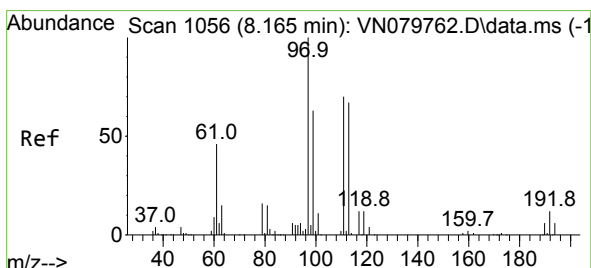
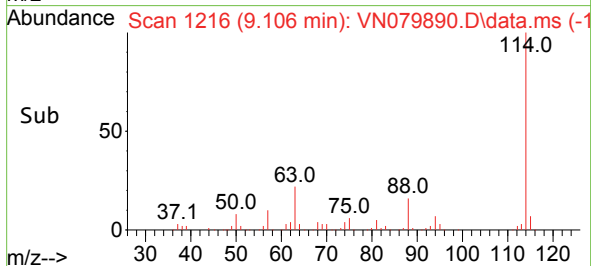
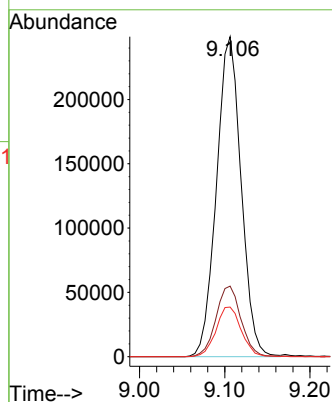
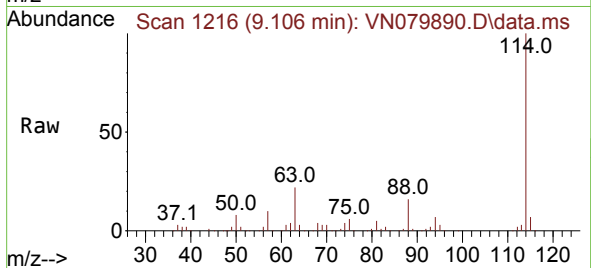
Tgt Ion:114 Resp: 498903

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.297 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

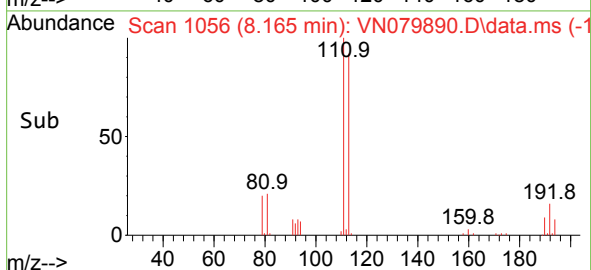
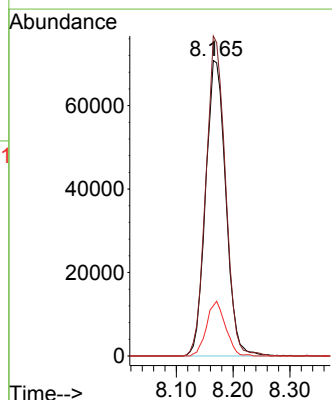
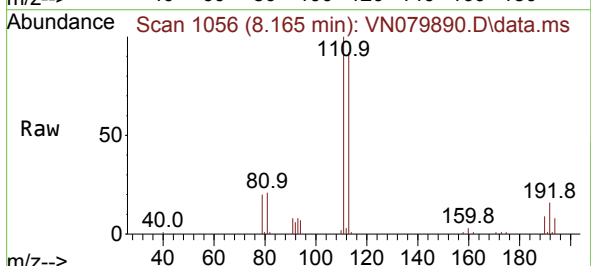
Tgt Ion:113 Resp: 174071

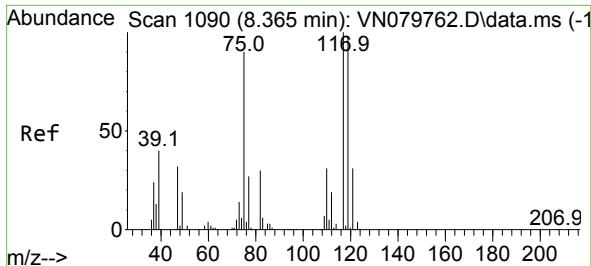
Ion Ratio Lower Upper

113 100

111 104.9 82.6 123.8

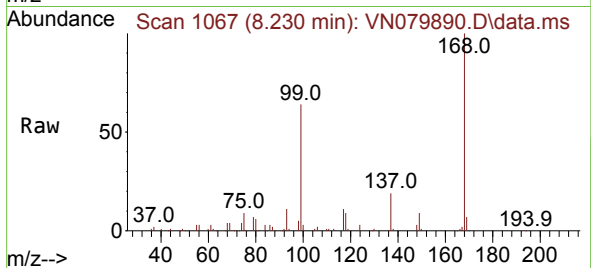
192 17.4 12.7 19.1



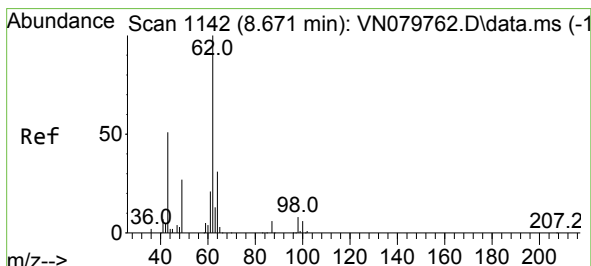
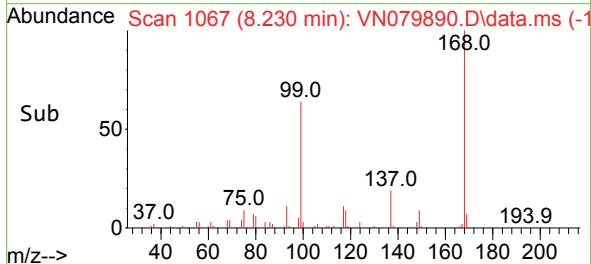
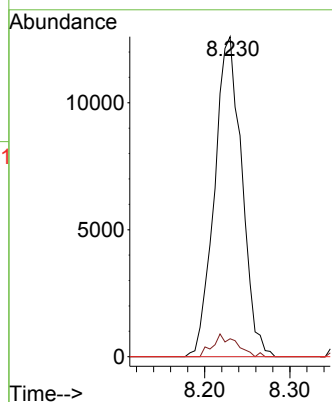


#38
Carbon Tetrachloride
Concen: 5.521 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.129 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Instrument :
MSVOA_N
ClientSampleId :

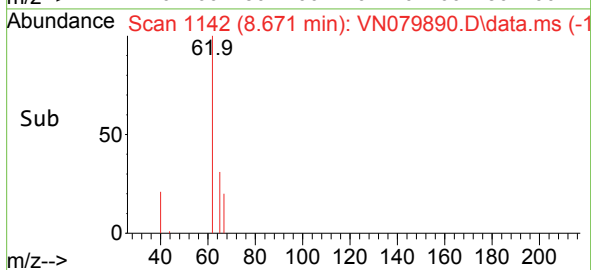
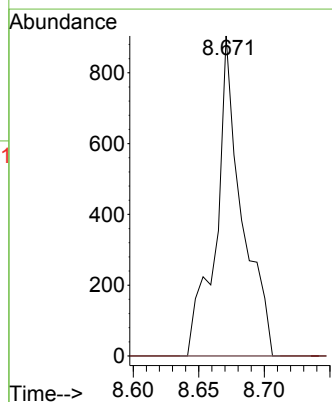
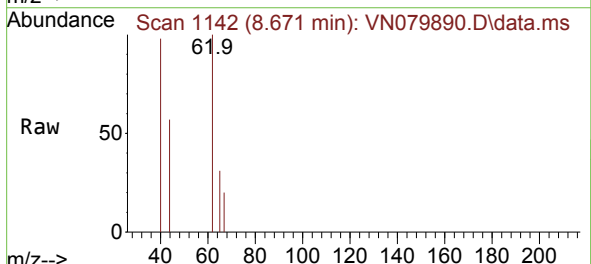


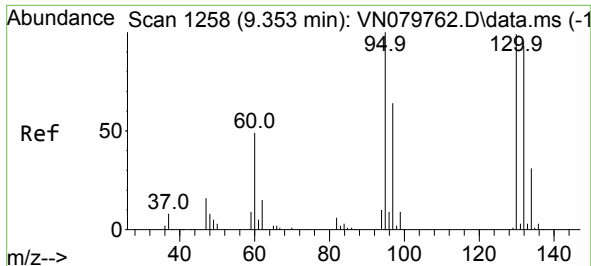
Tgt Ion: 117 Resp: 28053
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.234 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 62 Resp: 1233
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8

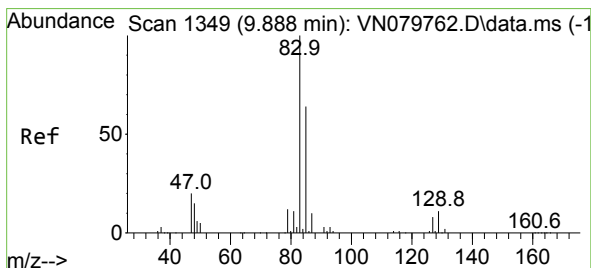
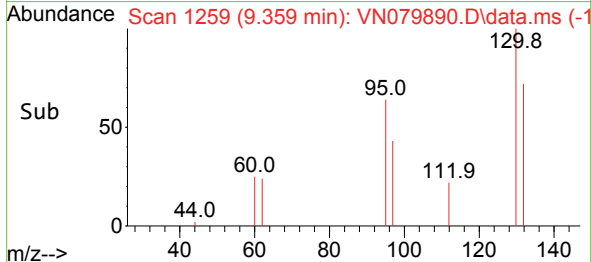
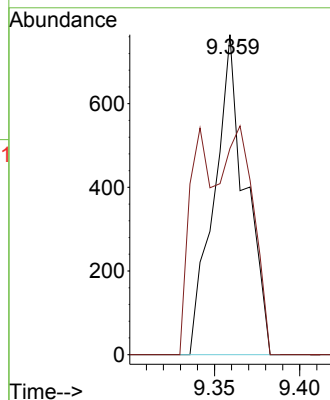
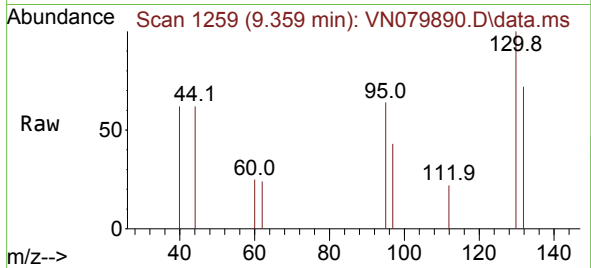




#44
Trichloroethene
Concen: 0.261 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

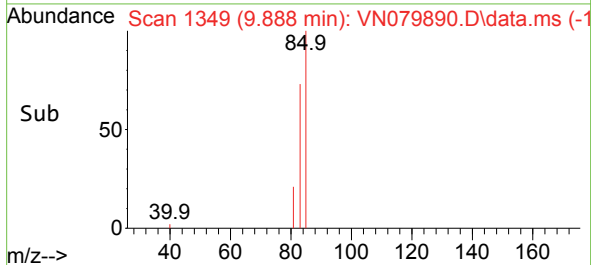
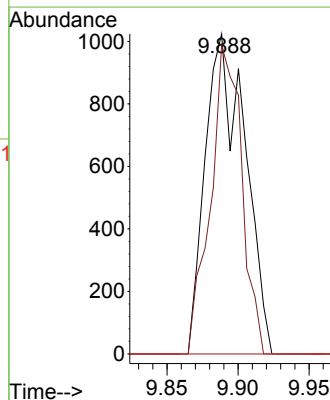
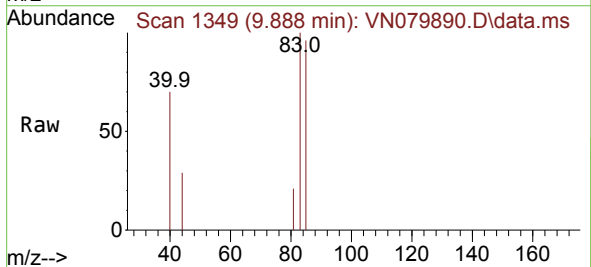
Instrument :
MSVOA_N
ClientSampleId :

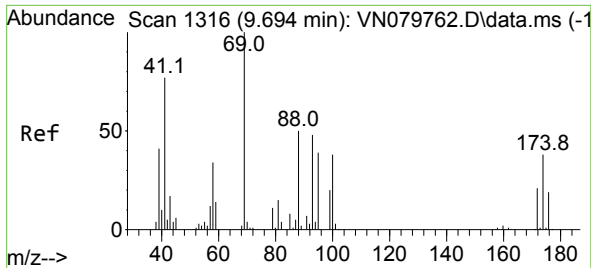
Tgt Ion:130 Resp: 977
Ion Ratio Lower Upper
130 100
95 64.4 0.0 204.6



#47
Bromodichloromethane
Concen: 0.352 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 83 Resp: 1980
Ion Ratio Lower Upper
83 100
85 96.5 49.6 74.4#
127 0.0 7.0 10.6#

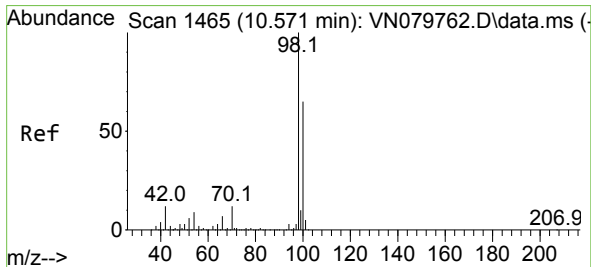
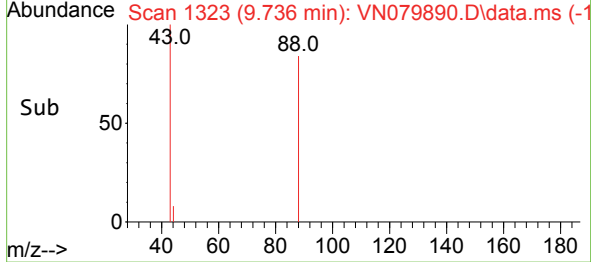
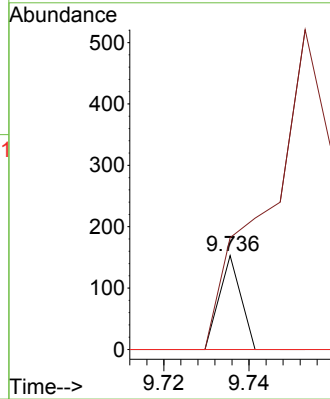
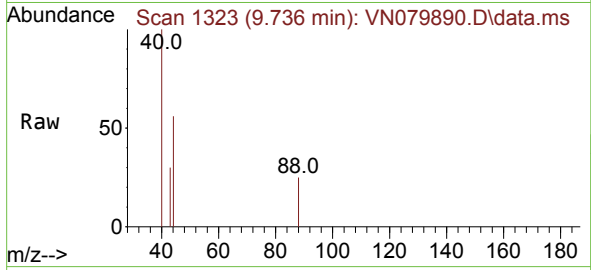




#49
1,4-Dioxane
Concen: 0.860 ug/l
RT: 9.736 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

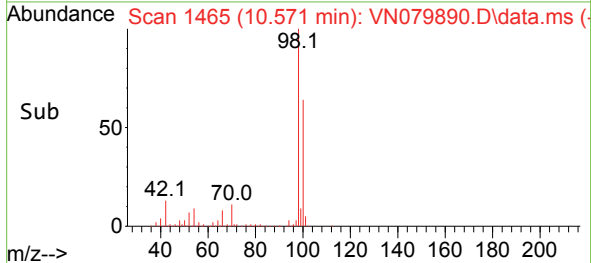
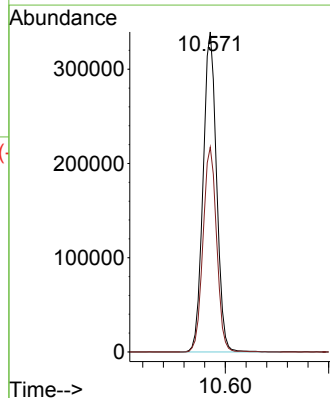
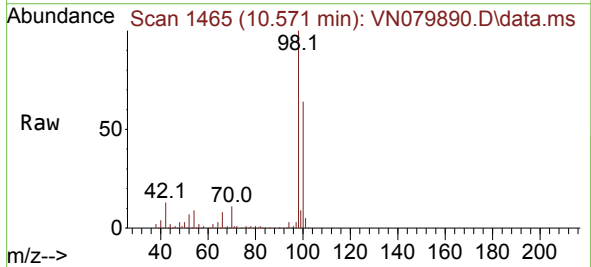
Instrument :
MSVOA_N
ClientSampleId :

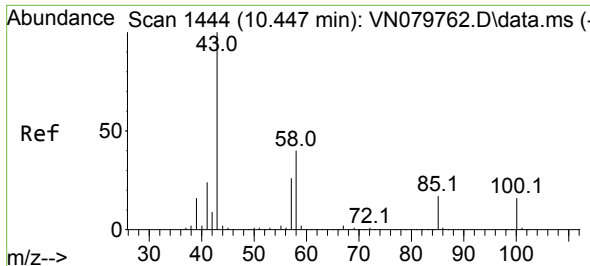
Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 1085.2 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 47.155 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 98 Resp: 612966
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

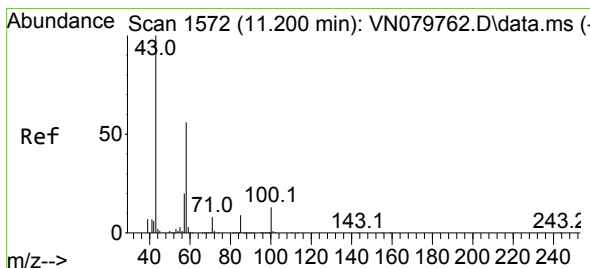
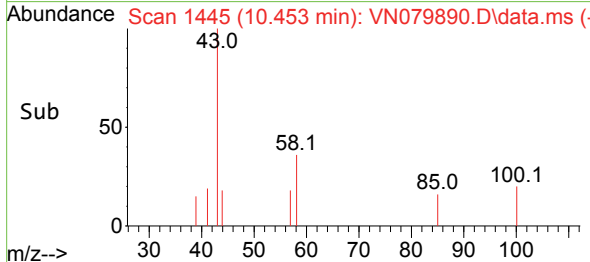
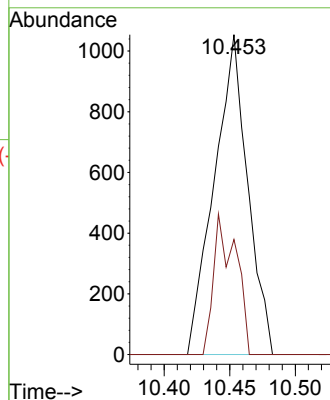
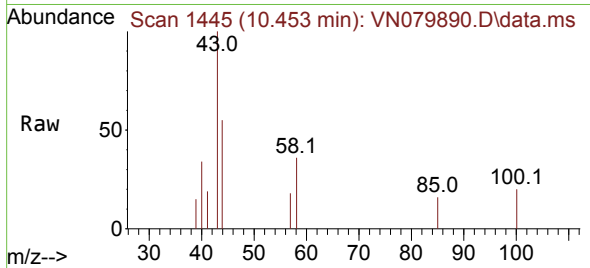




#51
4-Methyl-2-Pentanone
Concen: 0.409 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

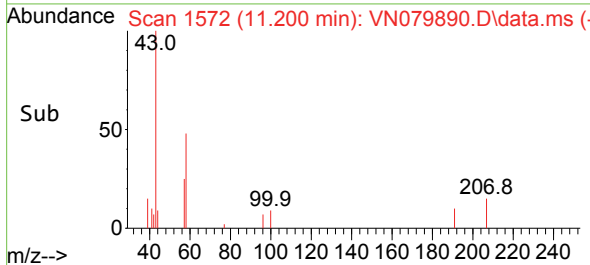
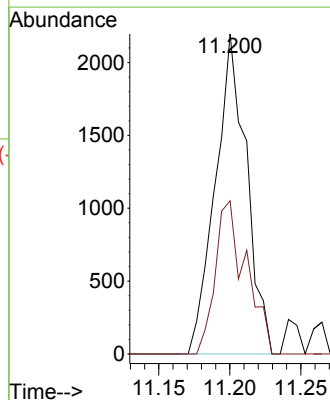
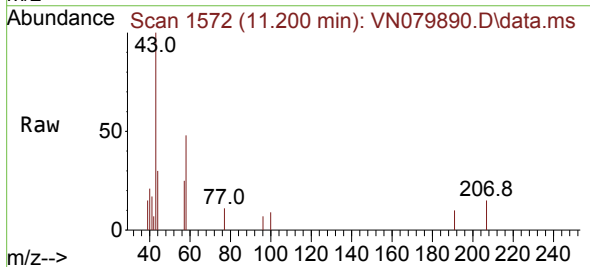
Instrument :
MSVOA_N
ClientSampleId :

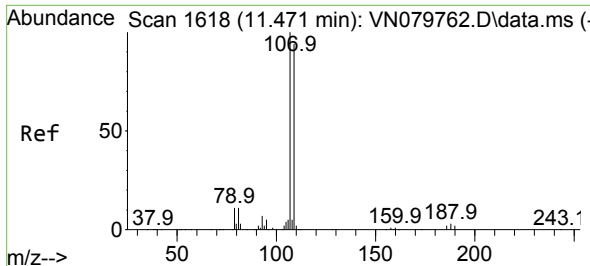
Tgt Ion: 43 Resp: 1867
Ion Ratio Lower Upper
43 100
58 29.3 36.6 54.8#



#59
2-Hexanone
Concen: 0.959 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 43 Resp: 3348
Ion Ratio Lower Upper
43 100
58 47.3 31.7 95.1

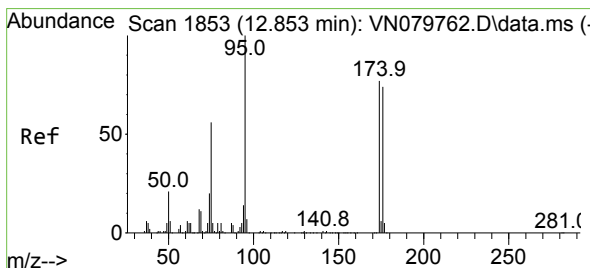
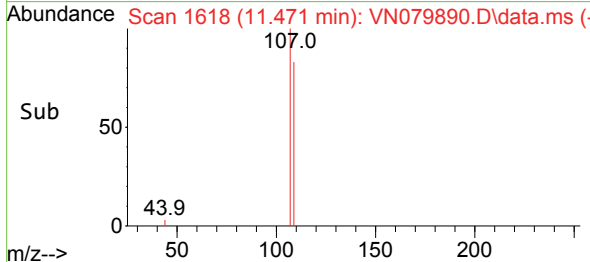
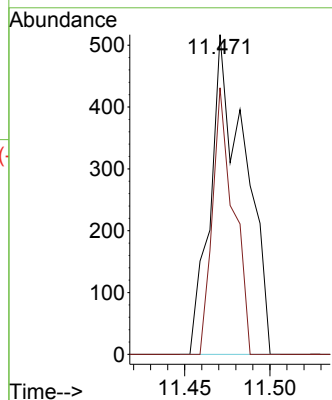
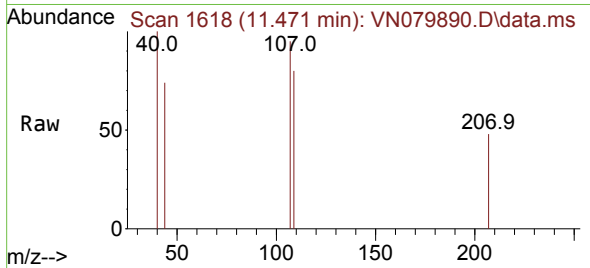




#61
1,2-Dibromoethane
Concen: 0.201 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

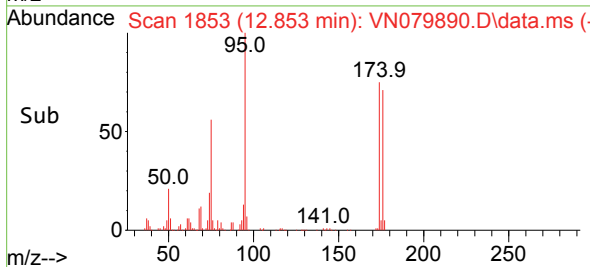
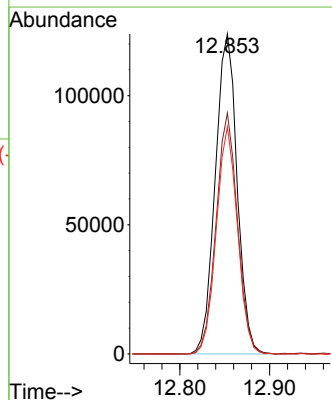
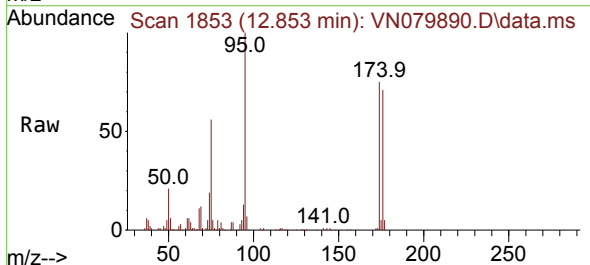
Instrument :
MSVOA_N
ClientSampleId :

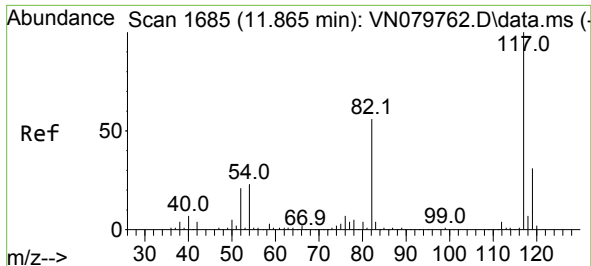
Tgt Ion:107 Resp: 727
Ion Ratio Lower Upper
107 100
109 51.0 76.6 114.8#



#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 95 Resp: 209471
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 68.7 0.0 135.8

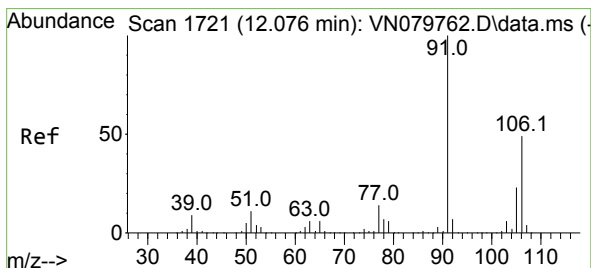
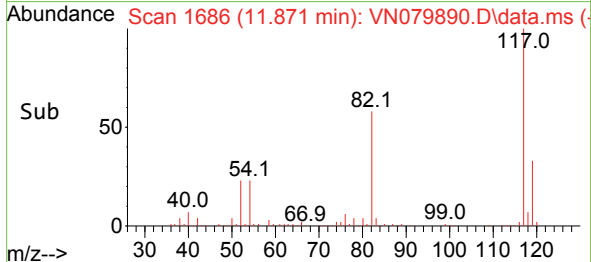
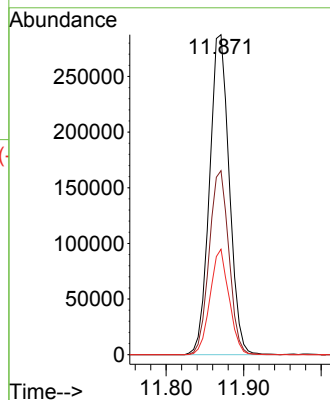
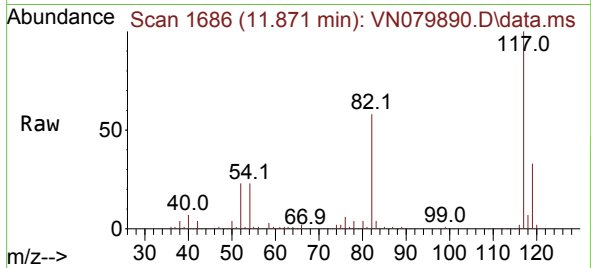




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

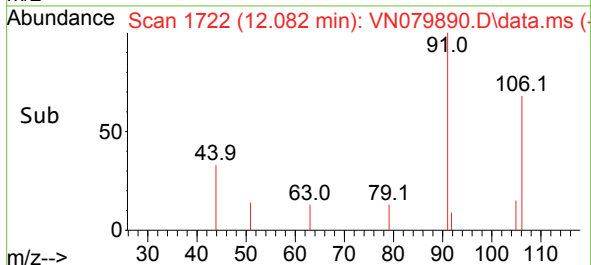
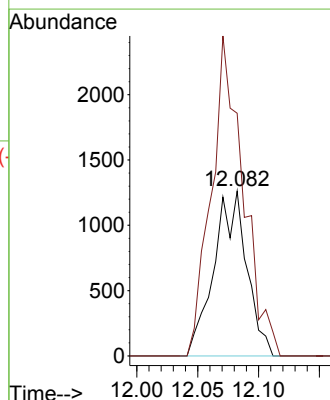
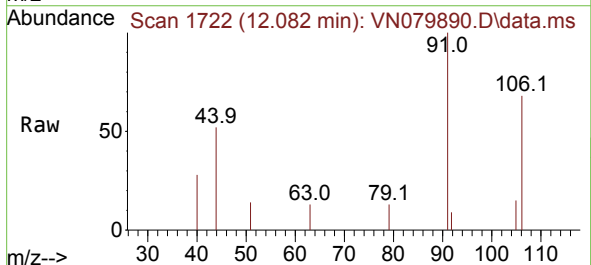
Instrument :
MSVOA_N
ClientSampleId :

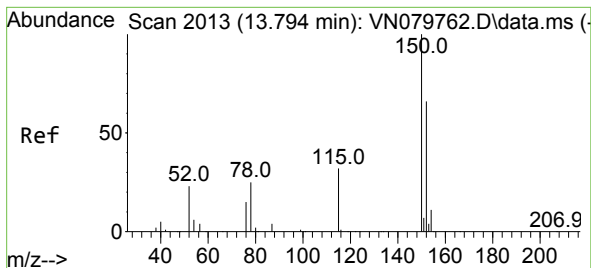
Tgt Ion:117 Resp: 508387
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.9 25.6 38.4



#68
m/p-Xylenes
Concen: 0.330 ug/l
RT: 12.082 min Scan# 1722
Delta R.T. 0.012 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion:106 Resp: 2361
Ion Ratio Lower Upper
106 100
91 189.8 159.6 239.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

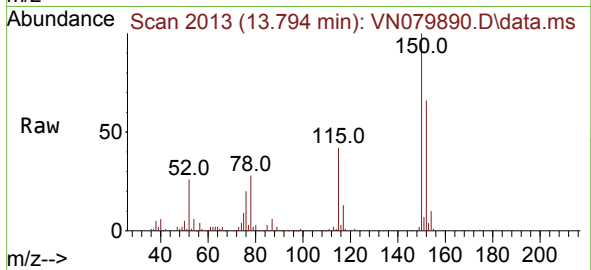
Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :



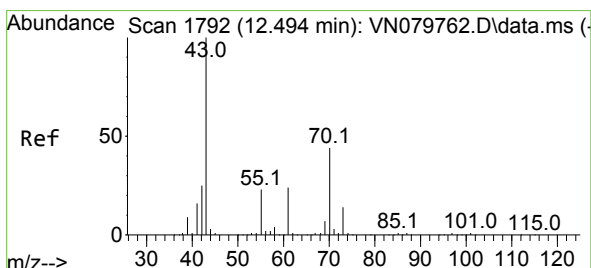
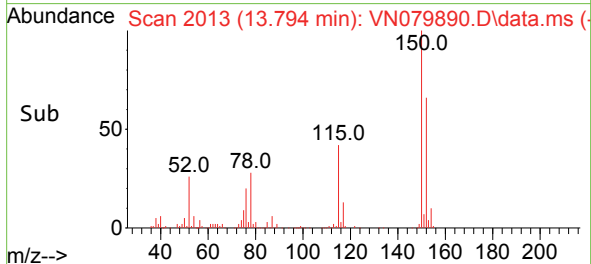
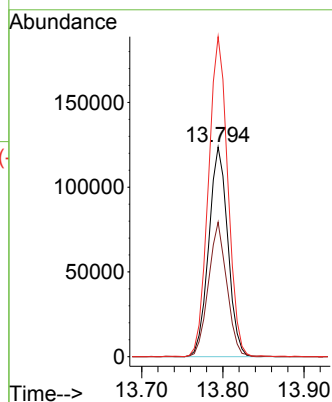
Tgt Ion:152 Resp: 201516

Ion Ratio Lower Upper

152 100

115 61.8 32.3 96.8

150 155.0 0.0 355.8



#74

N-ethyl acetate

Concen: 0.208 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

Tgt Ion: 43 Resp: 1389

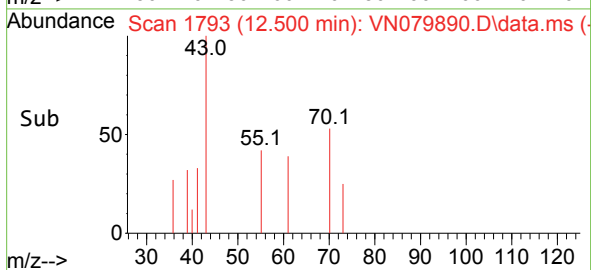
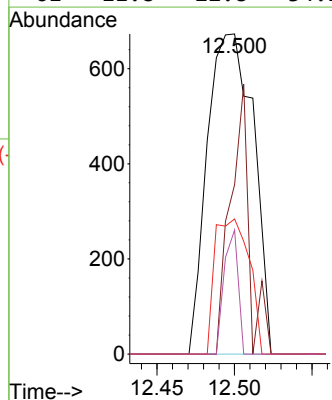
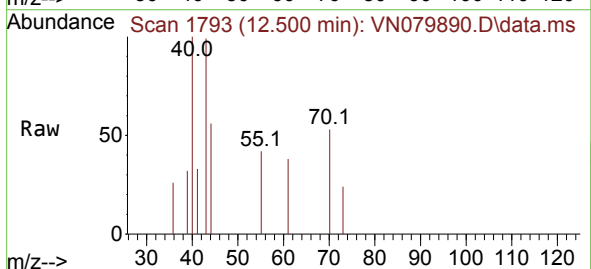
Ion Ratio Lower Upper

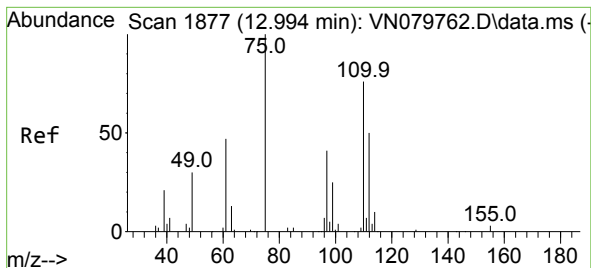
43 100

70 34.4 43.4 65.2#

55 31.5 21.4 32.0

61 11.8 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 24.050 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

Instrument :

MSVOA_N

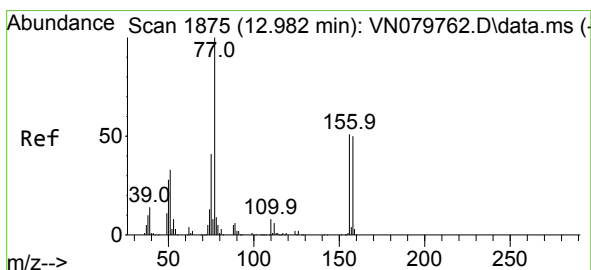
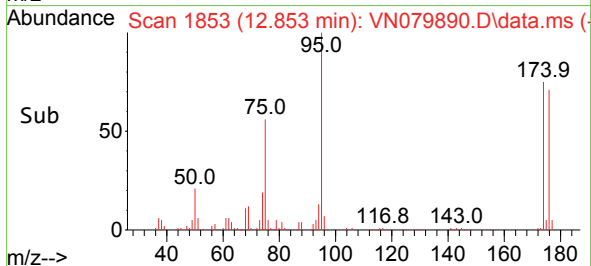
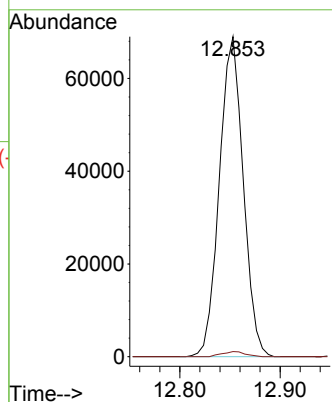
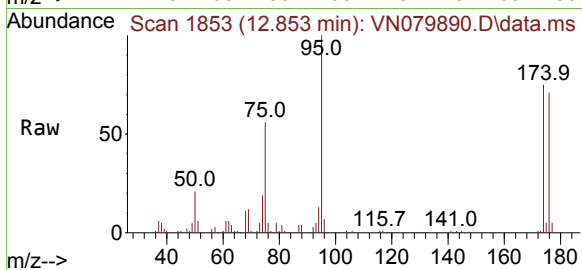
ClientSampleId :

Tgt Ion: 75 Resp: 113781

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#



#77

Bromobenzene

Concen: 0.323 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

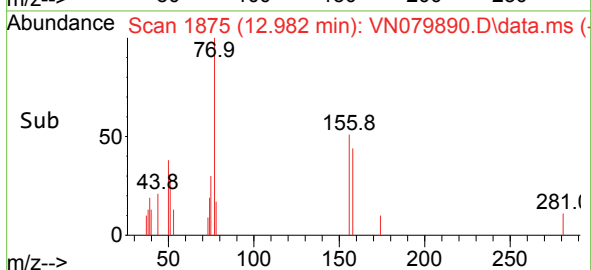
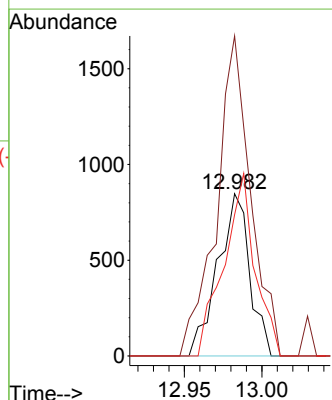
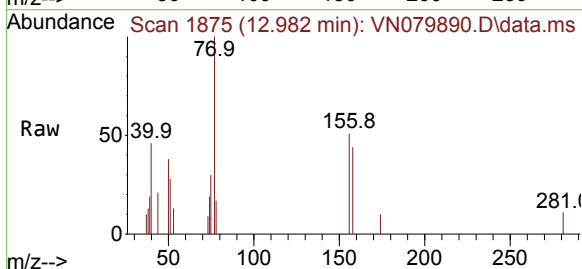
Tgt Ion:156 Resp: 1210

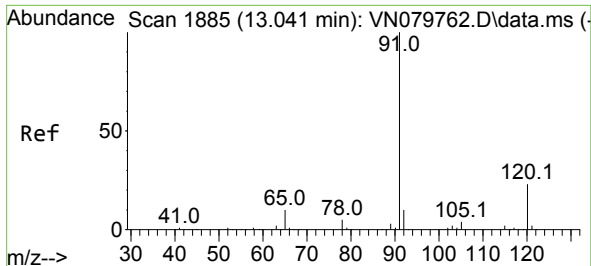
Ion Ratio Lower Upper

156 100

77 211.2 107.7 323.3

158 110.2 48.4 145.3

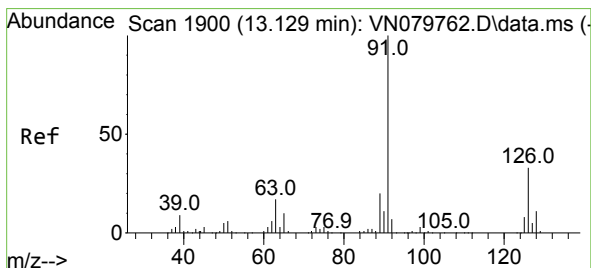
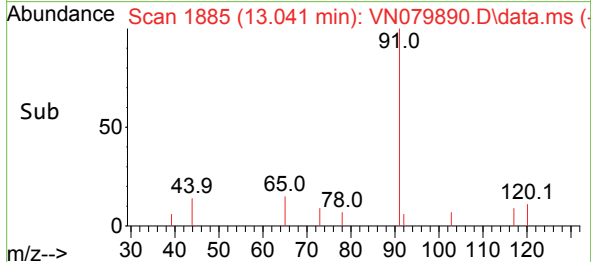
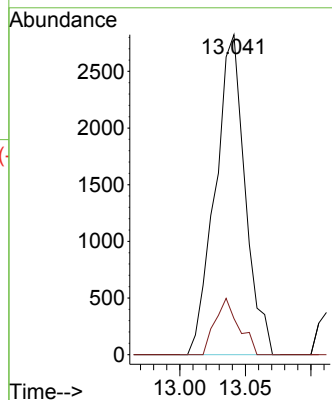
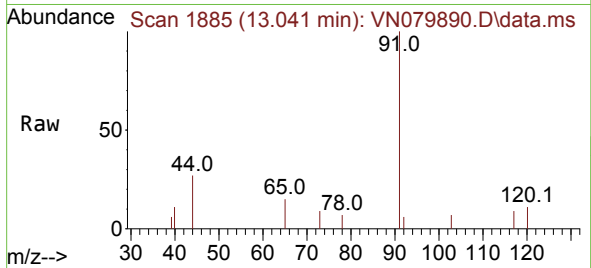




#78
n-propylbenzene
Concen: 0.256 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

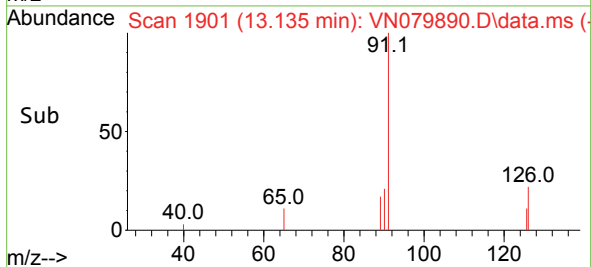
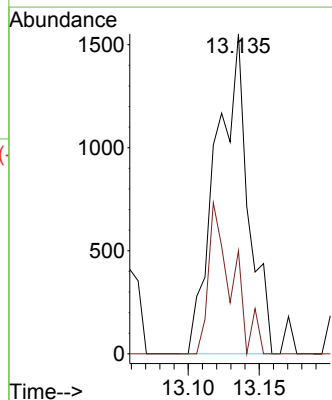
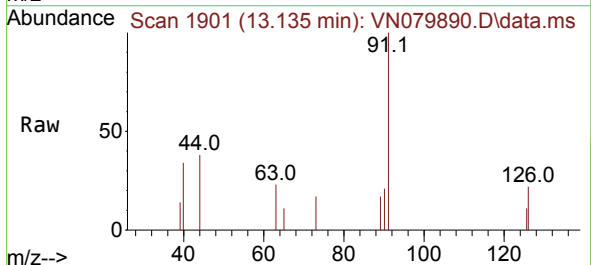
Instrument :
MSVOA_N
ClientSampleId :

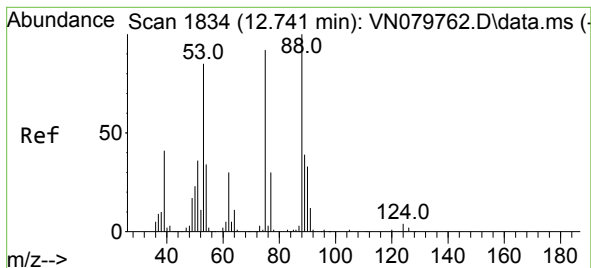
Tgt Ion: 91 Resp: 4480
Ion Ratio Lower Upper
91 100
120 14.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.220 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 91 Resp: 2457
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

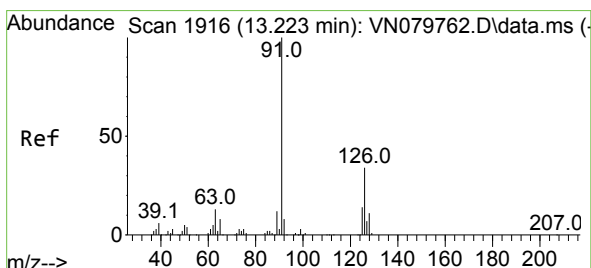
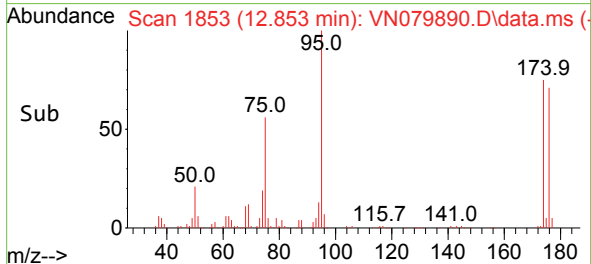
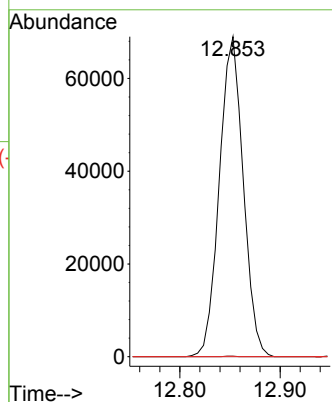
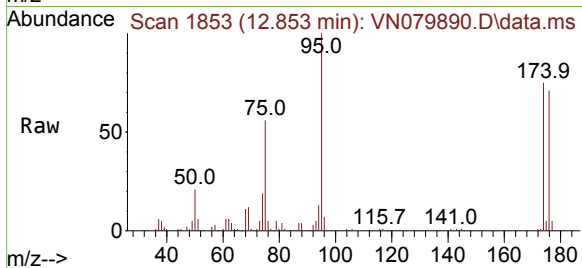




#81
trans-1,4-Dichloro-2-butene
Concen: 65.435 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

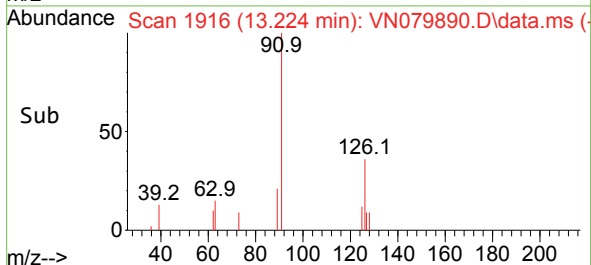
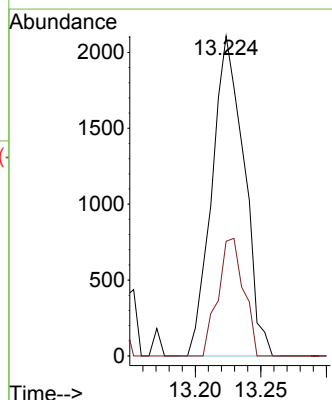
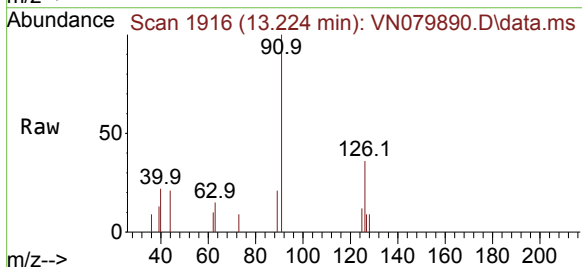
Instrument :
MSVOA_N
ClientSampleId :

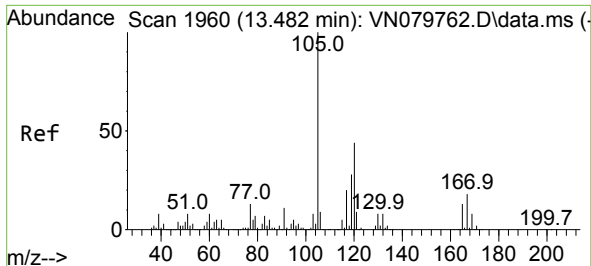
Tgt Ion: 75 Resp: 113781
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.322 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion: 91 Resp: 3578
Ion Ratio Lower Upper
91 100
126 29.5 16.7 50.0

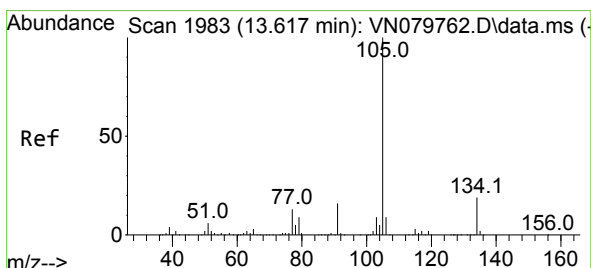
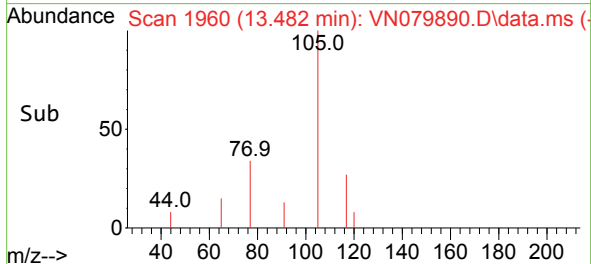
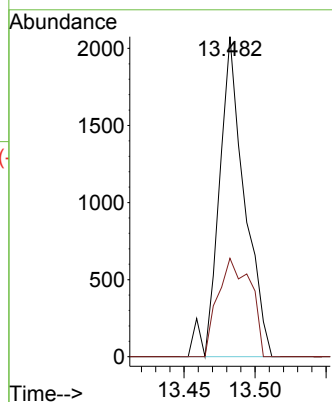
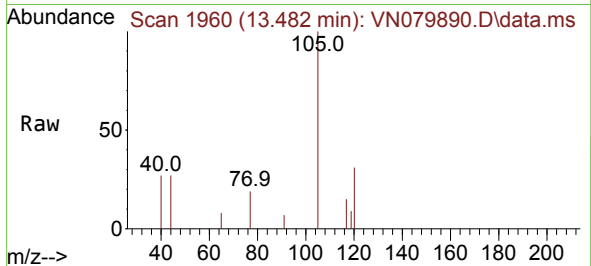




#84
1,2,4-Trimethylbenzene
Concen: 0.221 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

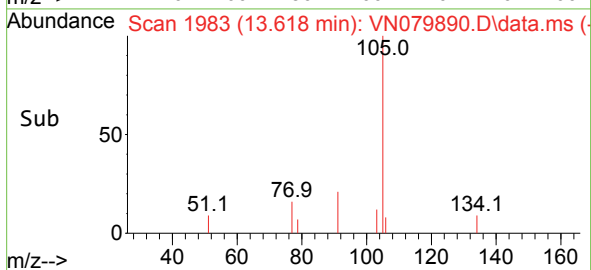
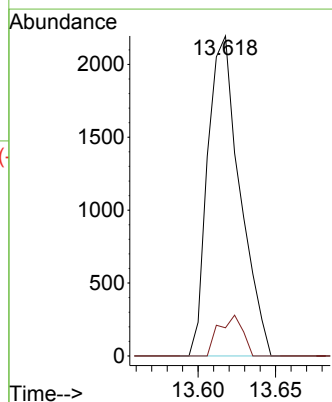
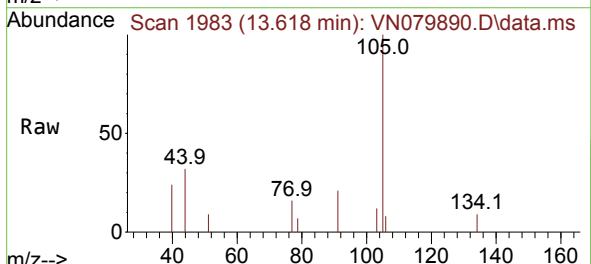
Instrument :
MSVOA_N
ClientSampleId :

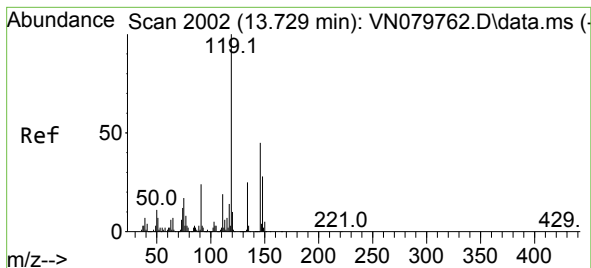
Tgt Ion:105 Resp: 2586
Ion Ratio Lower Upper
105 100
120 39.4 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.235 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

Tgt Ion:105 Resp: 3175
Ion Ratio Lower Upper
105 100
134 9.4 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 0.235 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :

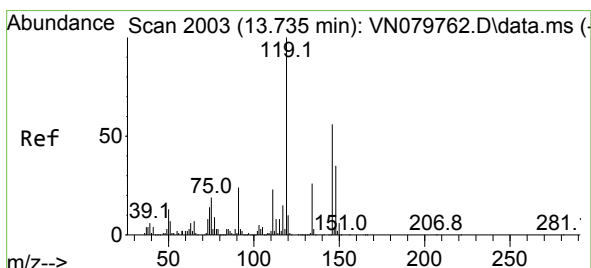
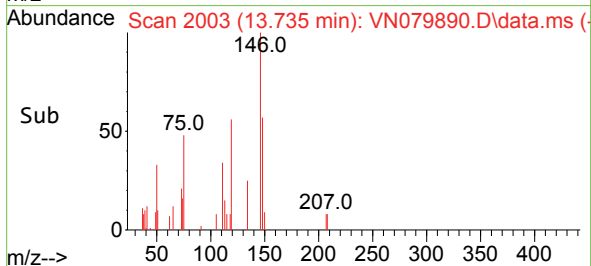
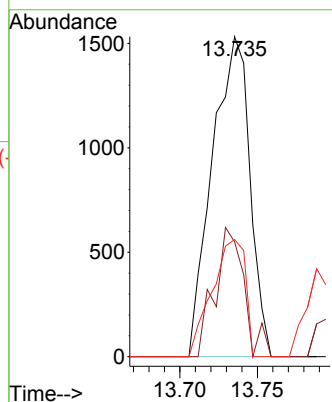
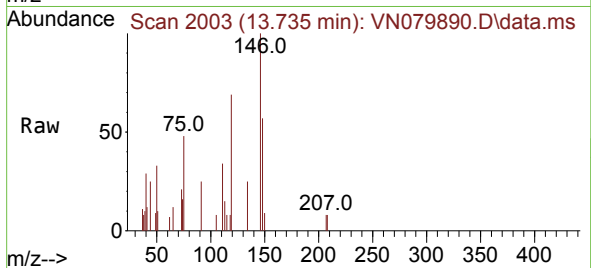
Tgt Ion:119 Resp: 2582

Ion Ratio Lower Upper

119 100

134 31.2 12.6 37.8

91 32.4 12.4 37.2



#87

1,3-Dichlorobenzene

Concen: 0.540 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

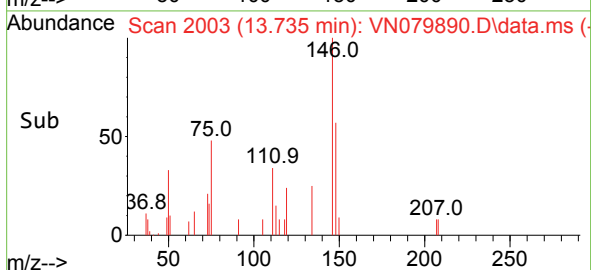
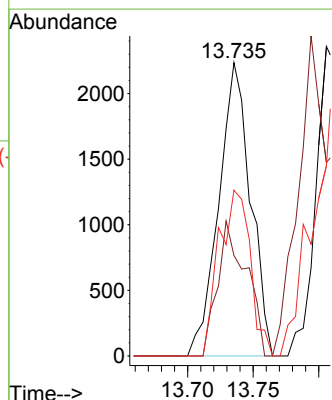
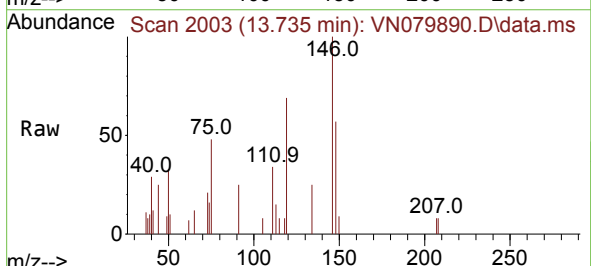
Tgt Ion:146 Resp: 3761

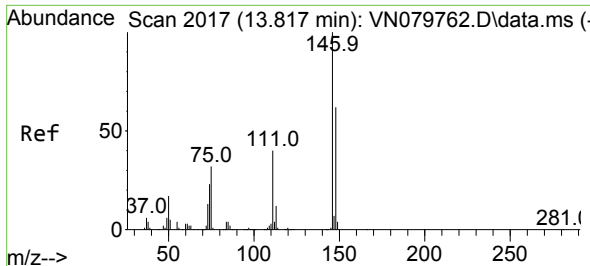
Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.3

148 55.9 32.0 96.0

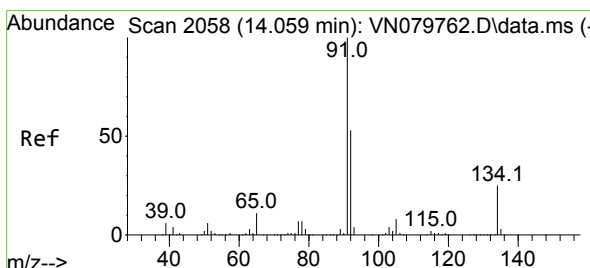
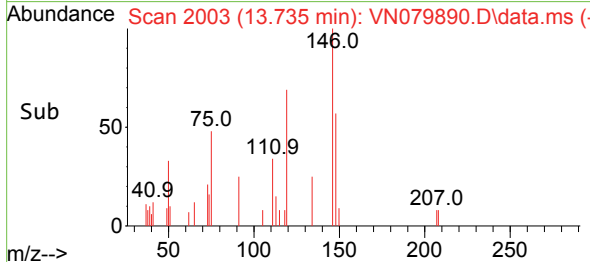
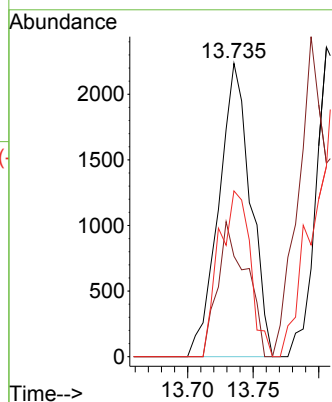
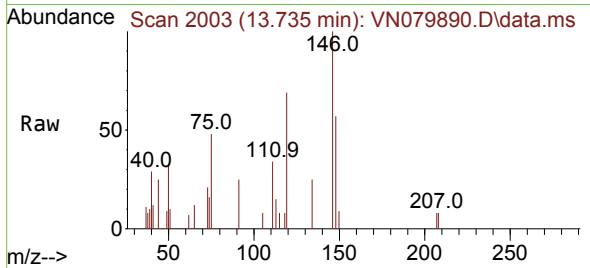




#88
1,4-Dichlorobenzene
Concen: 0.532 ug/l
RT: 13.735 min Scan# 2017
Delta R.T. -0.082 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

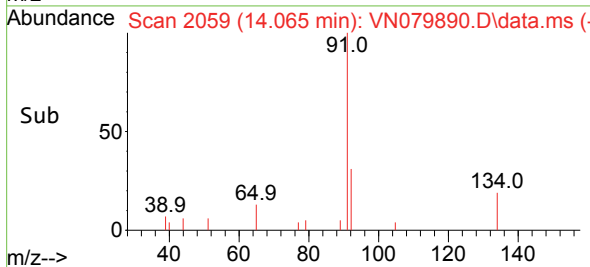
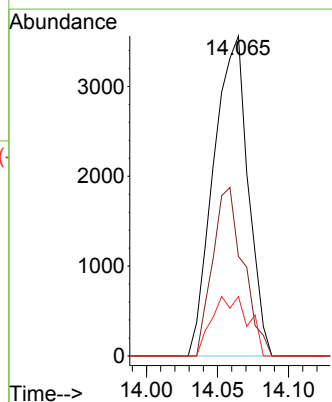
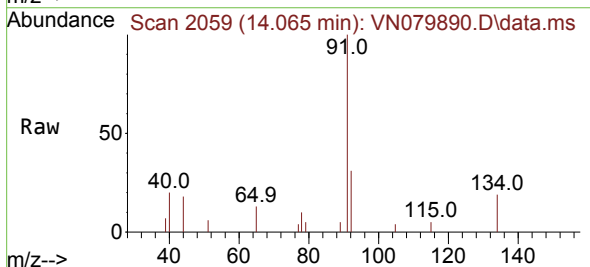
Instrument :
MSVOA_N
ClientSampleId :

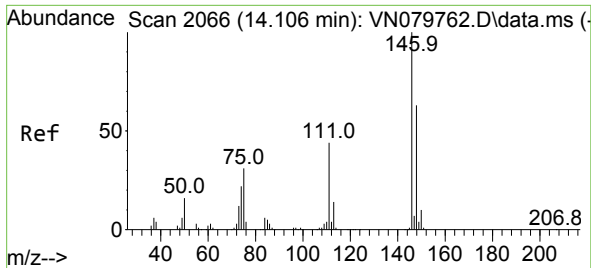
Tgt Ion:146 Resp: 3761
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.8
148 55.9 31.6 94.8



#89
n-Butylbenzene
Concen: 0.634 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

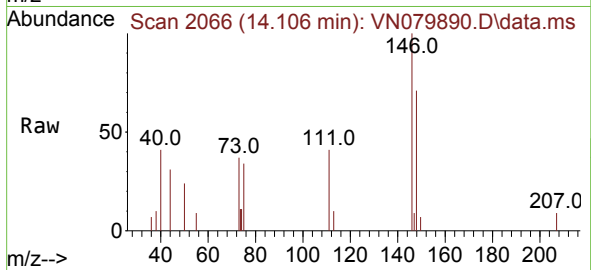
Tgt Ion: 91 Resp: 6007
Ion Ratio Lower Upper
91 100
92 46.9 26.4 79.0
134 19.7 12.6 37.6



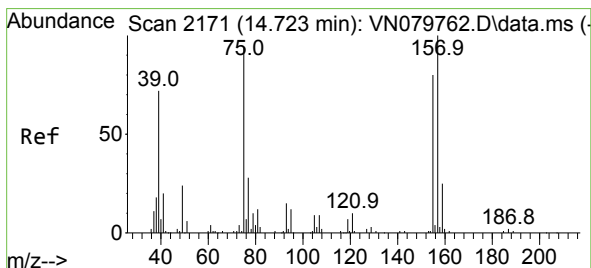
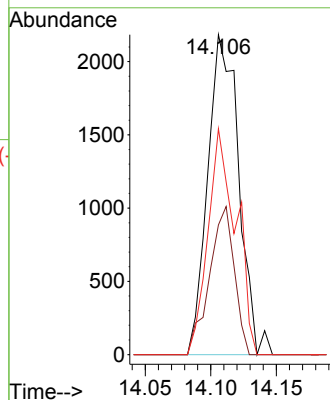
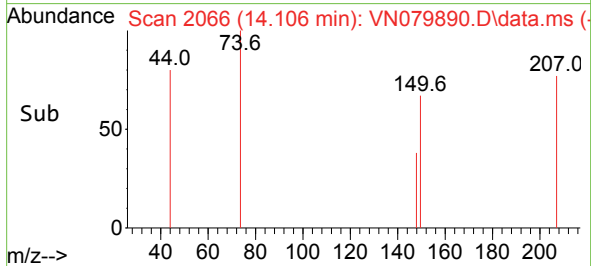


#91
1,2-Dichlorobenzene
Concen: 0.545 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

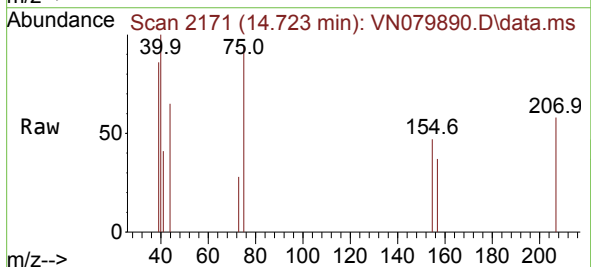
Instrument :
MSVOA_N
ClientSampleId :



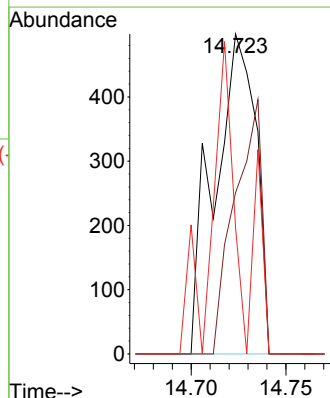
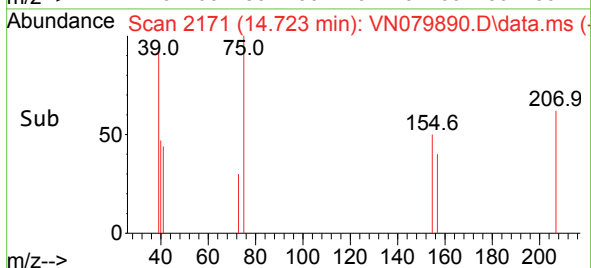
Tgt Ion:146 Resp: 3586
Ion Ratio Lower Upper
146 100
111 37.1 22.0 66.0
148 64.1 31.8 95.3

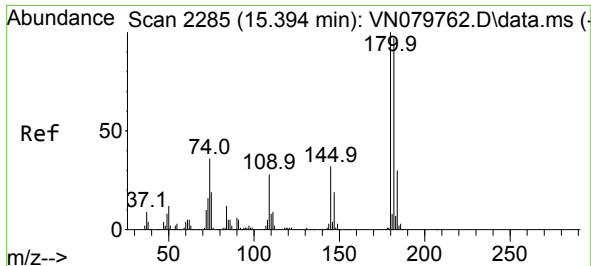


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.825 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06



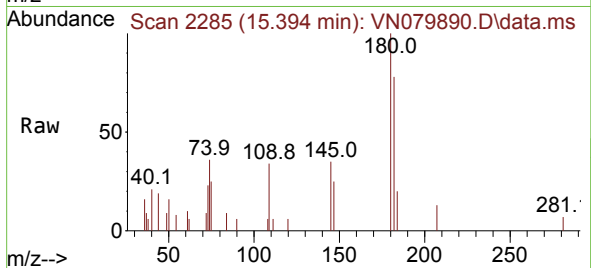
Tgt Ion: 75 Resp: 759
Ion Ratio Lower Upper
75 100
155 51.9 39.1 117.2
157 51.8 50.3 150.9



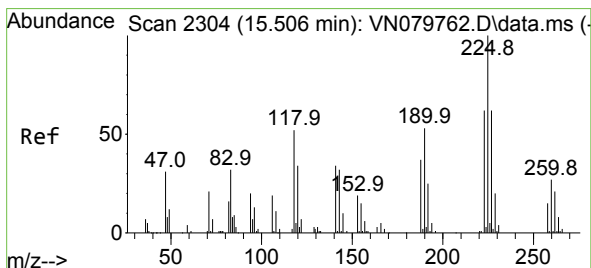
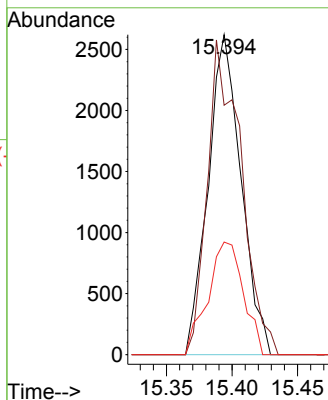
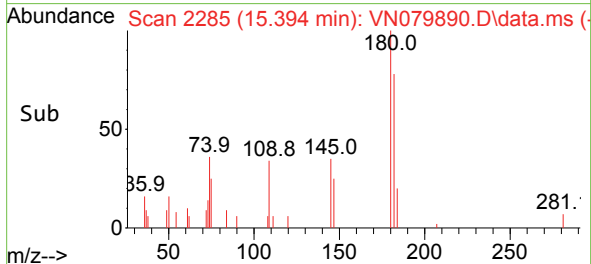


#93
1,2,4-Trichlorobenzene
Concen: 1.465 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06

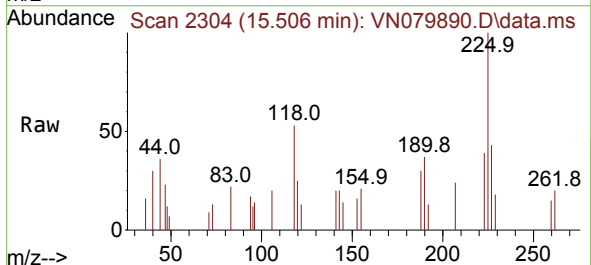
Instrument :
MSVOA_N
ClientSampleId :



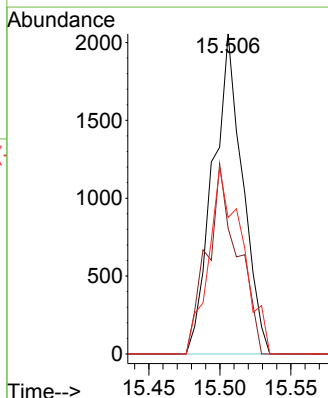
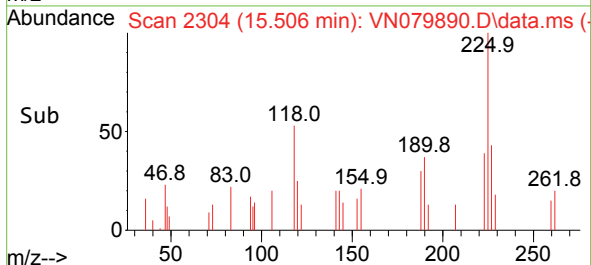
Tgt Ion:180 Resp: 4581
Ion Ratio Lower Upper
180 100
182 100.4 46.1 138.2
145 37.9 16.6 49.8

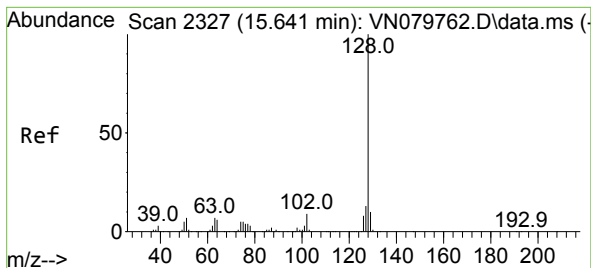


#94
Hexachlorobutadiene
Concen: 2.111 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079890.D
Acq: 04 Nov 2023 14:06



Tgt Ion:225 Resp: 2992
Ion Ratio Lower Upper
225 100
223 60.7 31.3 93.8
227 65.8 31.9 95.9





#95

Naphthalene

Concen: 1.846 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

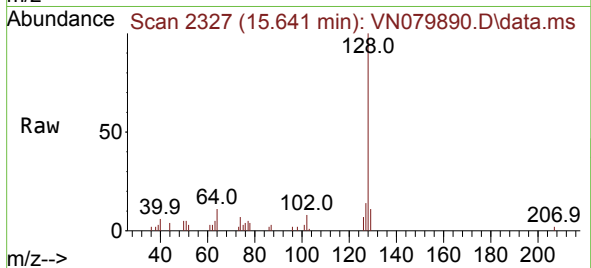
Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

Instrument :

MSVOA_N

ClientSampleId :



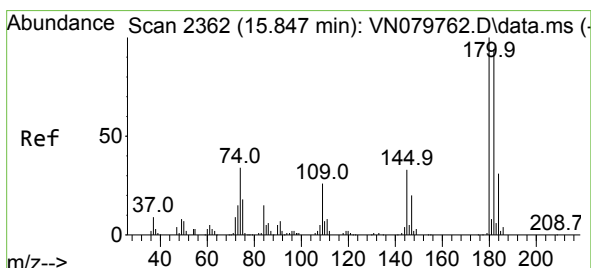
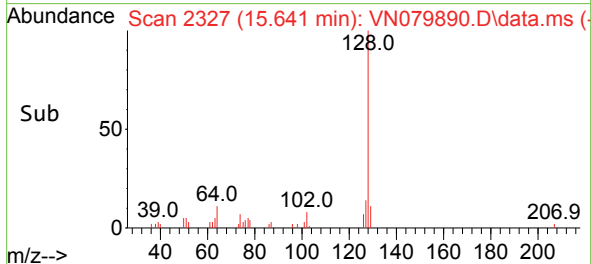
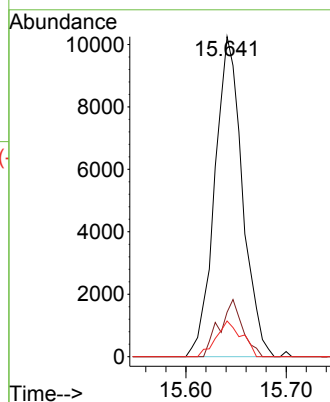
Tgt Ion:128 Resp: 19576

Ion Ratio Lower Upper

128 100

127 14.8 10.0 15.0

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 1.911 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.006 min

Lab File: VN079890.D

Acq: 04 Nov 2023 14:06

Tgt Ion:180 Resp: 5857

Ion Ratio Lower Upper

180 100

182 93.3 46.2 138.6

145 36.2 17.5 52.6

