

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071478.D
 Acq On : 22 Mar 2022 19:46
 Operator : JC\MD
 Sample : N2053-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 23 07:11:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

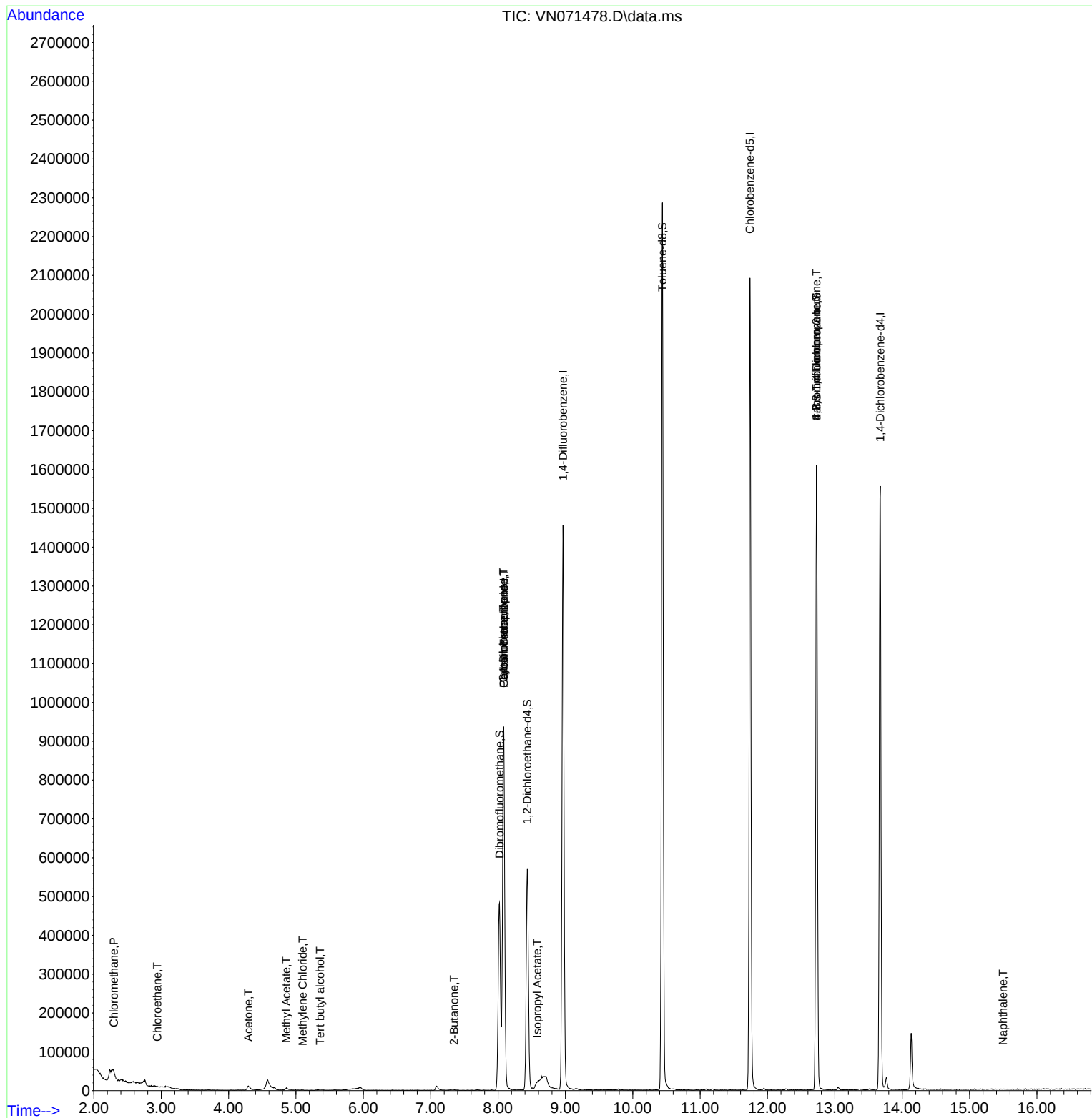
Internal Standards						
1) Pentafluorobenzene	8.086	168	715789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1232473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1184144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	431374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	474516	48.370	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.740%	
35) Dibromofluoromethane	8.022	113	359264	46.194	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	92.380%	
50) Toluene-d8	10.439	98	1527261	48.773	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	97.540%	
62) 4-Bromofluorobenzene	12.727	95	560264	52.837	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	105.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	3667	0.314	ug/l	99
5) Bromomethane	2.840	94	356	Below Cal	#	3
6) Chloroethane	2.940	64	1400	0.240	ug/l #	42
11) Tert butyl alcohol	5.357	59	4579	2.376	ug/l #	71
16) Acetone	4.292	43	17799	3.729	ug/l #	85
18) Methyl Acetate	4.857	43	10236	1.261	ug/l	99
20) Methylene Chloride	5.098	84	383	0.425	ug/l #	26
25) 2-Butanone	7.345	43	3006	0.391	ug/l #	88
31) Cyclohexane	8.080	56	15924	1.016	ug/l #	7
36) 1,1-Dichloropropene	8.080	75	58678	4.709	ug/l #	49
38) Carbon Tetrachloride	8.086	117	71956	5.970	ug/l #	17
43) Isopropyl Acetate	8.580	43	15964	0.622	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.727	83	414	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	292646	26.674	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	292646	73.335	ug/l #	5
95) Naphthalene	15.498	128	956	5.111	ug/l #	69

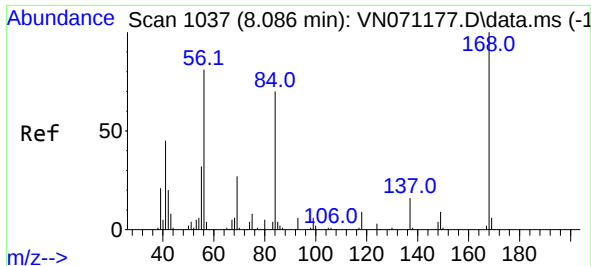
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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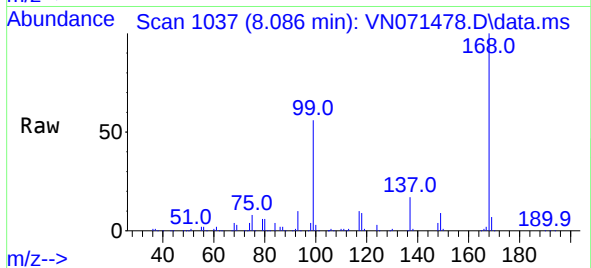
Quant Time: Mar 23 07:11:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration



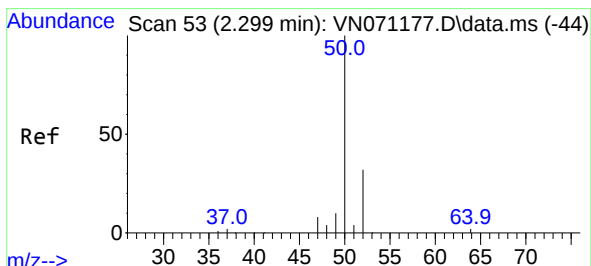
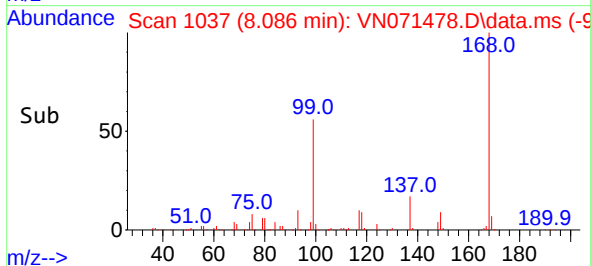
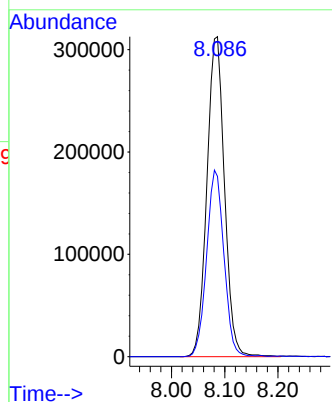


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :

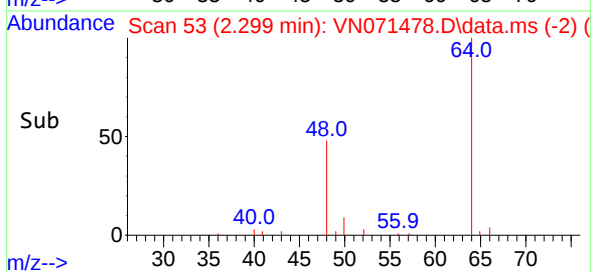
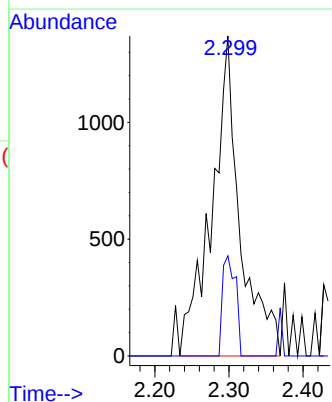
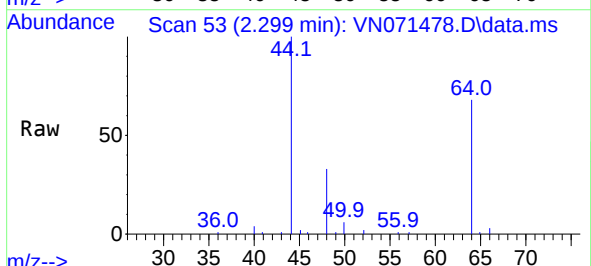


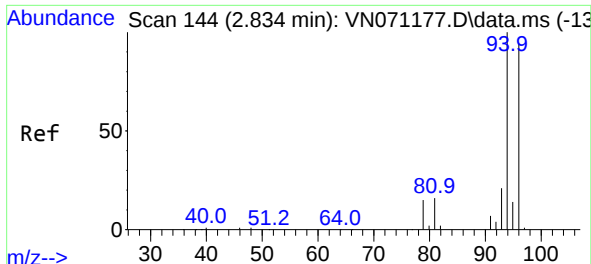
Tgt Ion:168 Resp: 715789
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9



#3
Chloromethane
Concen: 0.314 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Tgt Ion: 50 Resp: 3667
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.0

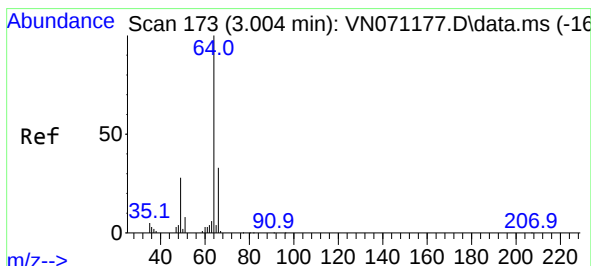
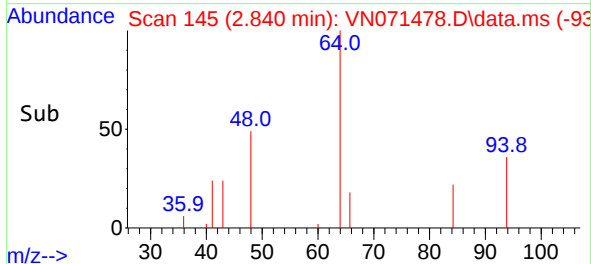
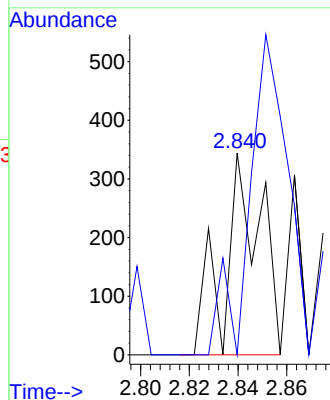
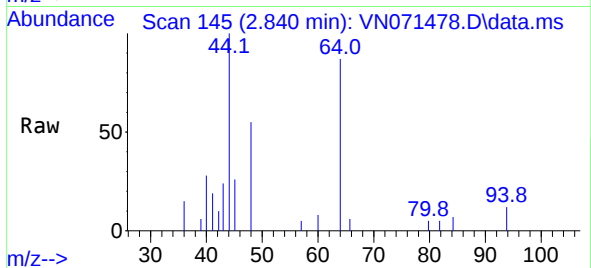




#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

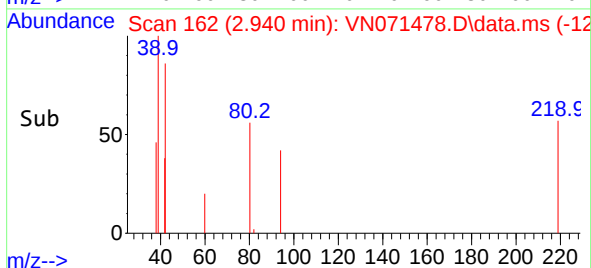
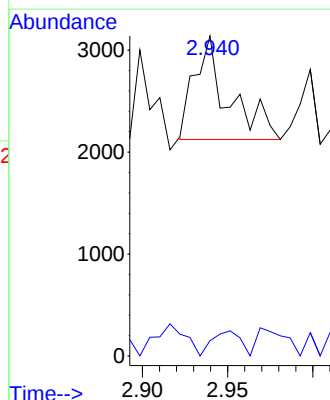
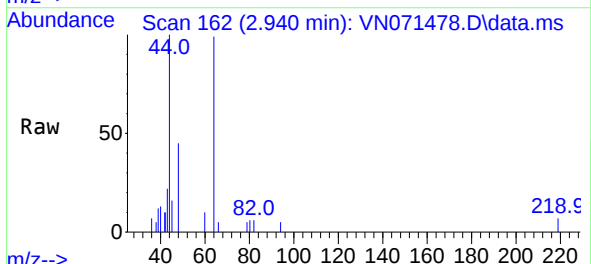
Instrument :
MSVOA_N
ClientSampleId :

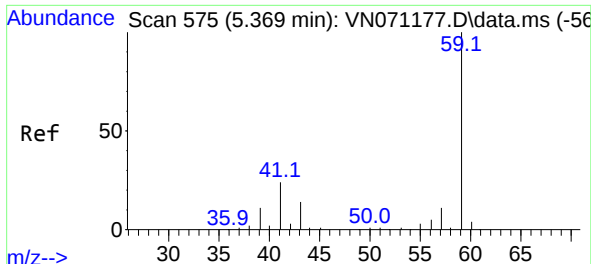
Tgt Ion: 94 Resp: 356
Ion Ratio Lower Upper
94 100
96 0.0 73.8 110.8#



#6
Chloroethane
Concen: 0.240 ug/l
RT: 2.940 min Scan# 162
Delta R.T. -0.064 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

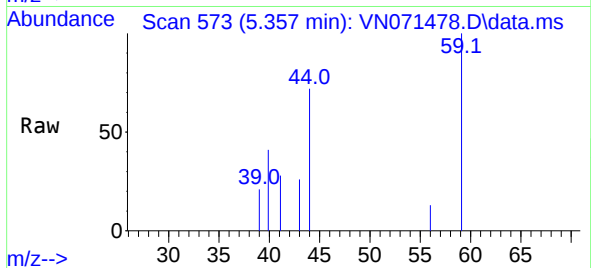
Tgt Ion: 64 Resp: 1400
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



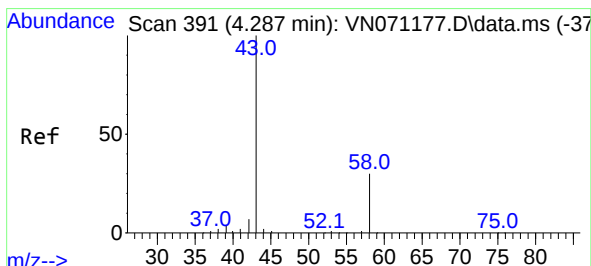
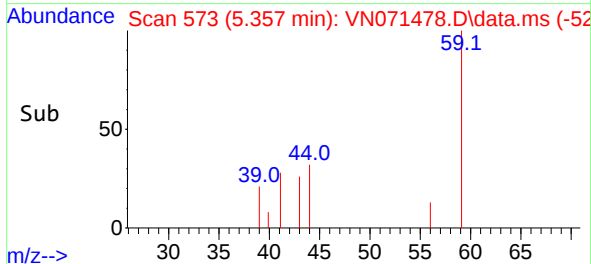
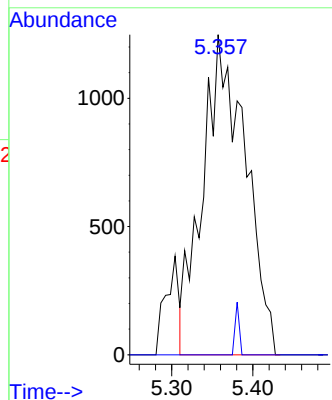


#11
Tert butyl alcohol
Concen: 2.376 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :

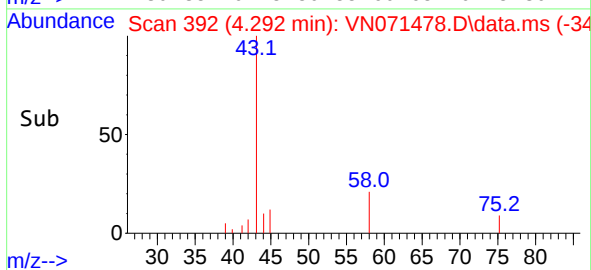
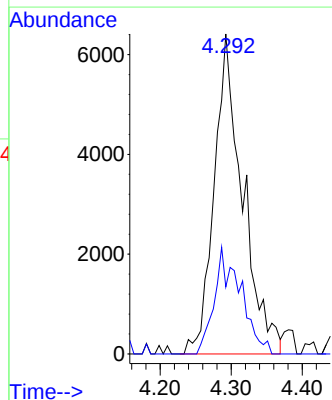
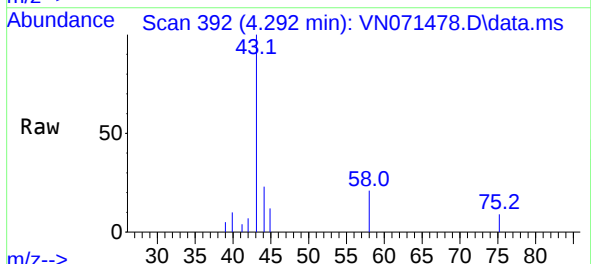


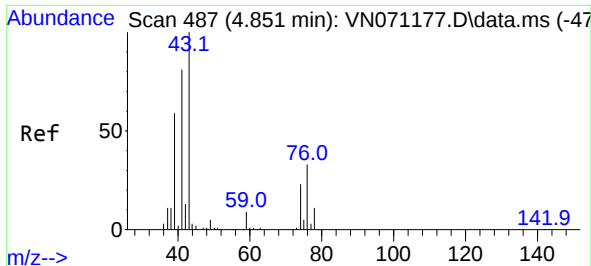
Tgt Ion: 59 Resp: 4579
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 3.729 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Tgt Ion: 43 Resp: 17799
Ion Ratio Lower Upper
43 100
58 21.0 23.1 34.7#

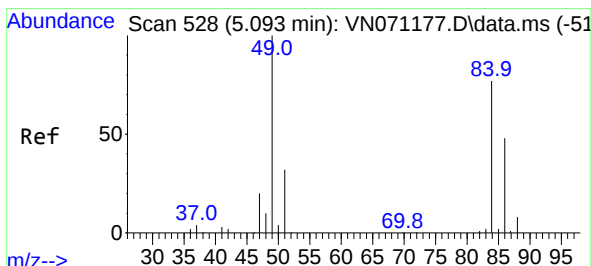
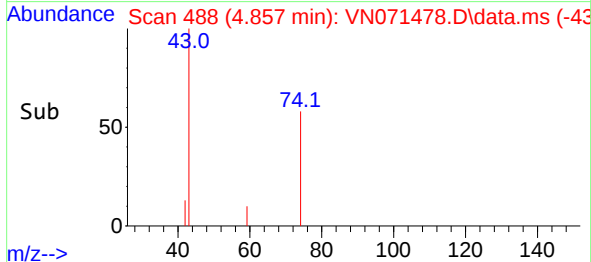
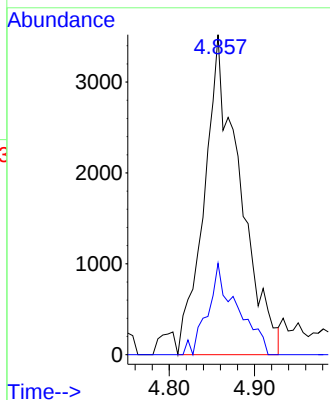
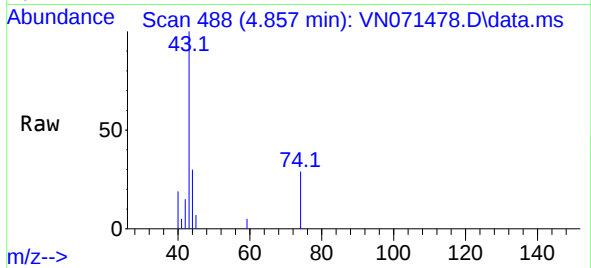




#18
Methyl Acetate
Concen: 1.261 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

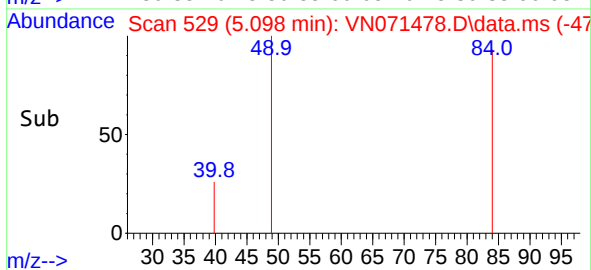
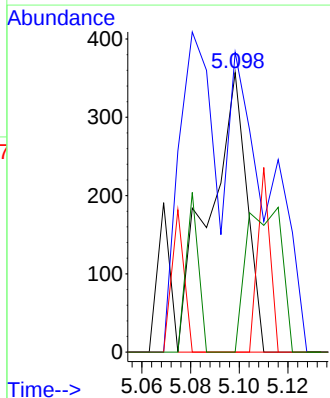
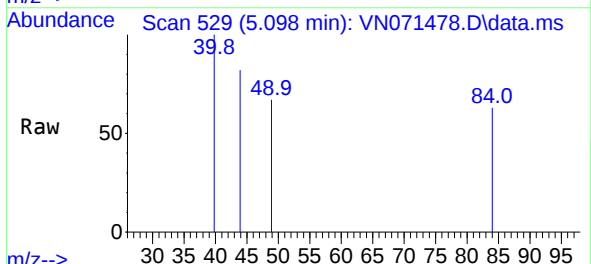
Instrument :
MSVOA_N
ClientSampleId :

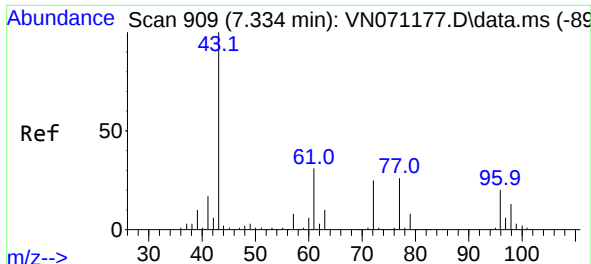
Tgt Ion: 43 Resp: 10236
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2



#20
Methylene Chloride
Concen: 0.425 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 38.4 93.5 140.3#
51 0.0 29.4 44.2#
86 0.0 53.0 79.4#





#25

2-Butanone

Concen: 0.391 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN071478.D

Acq: 22 Mar 2022 19:46

Instrument :

MSVOA_N

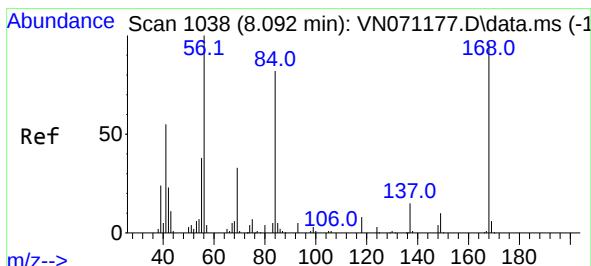
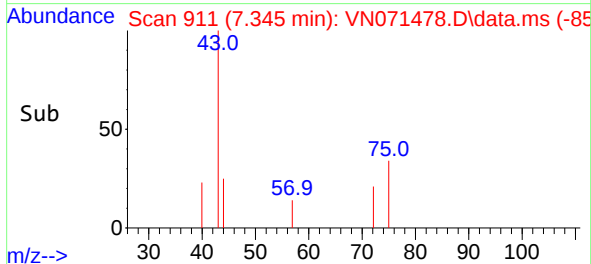
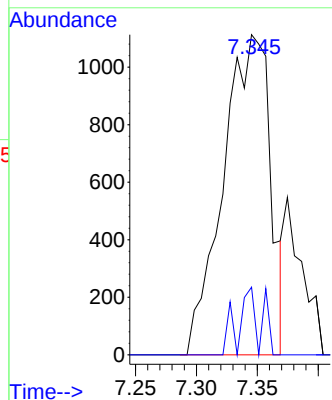
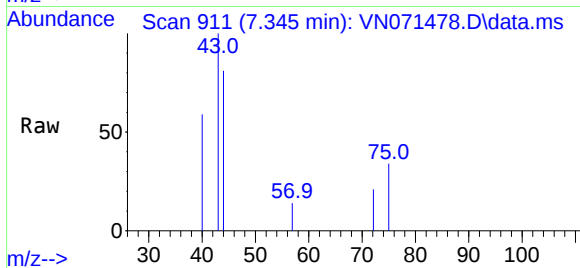
ClientSampleId :

Tgt Ion: 43 Resp: 3006

Ion Ratio Lower Upper

43 100

72 21.1 21.7 32.5#



#31

Cyclohexane

Concen: 1.016 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.012 min

Lab File: VN071478.D

Acq: 22 Mar 2022 19:46

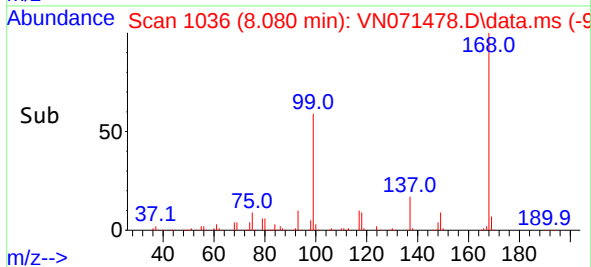
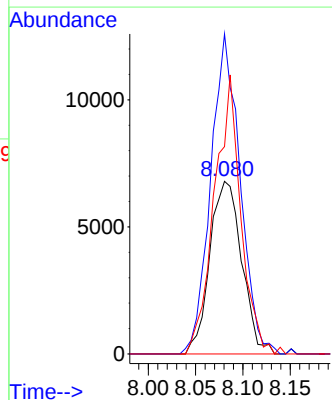
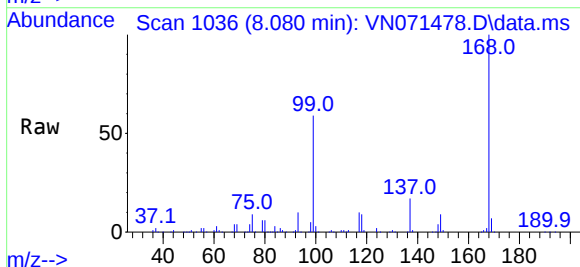
Tgt Ion: 56 Resp: 15924

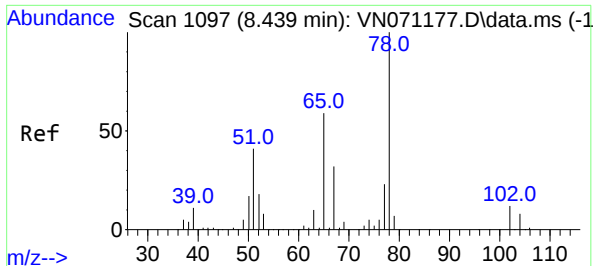
Ion Ratio Lower Upper

56 100

69 185.3 27.1 40.7#

84 120.1 73.4 110.0#

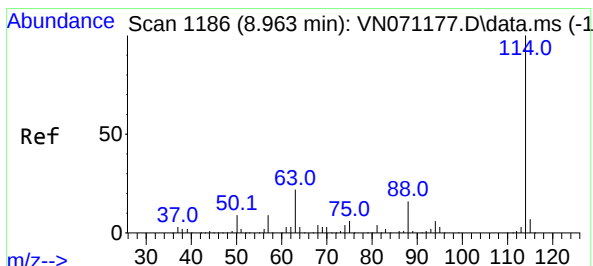
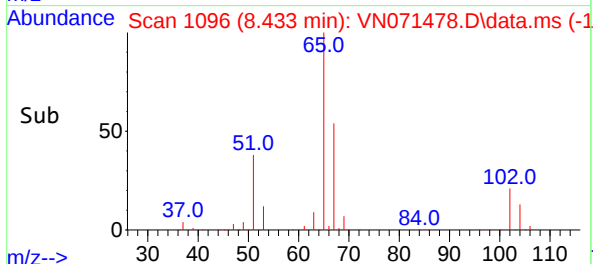
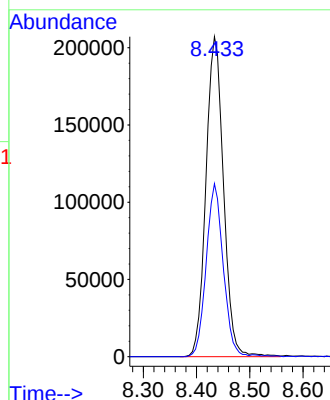
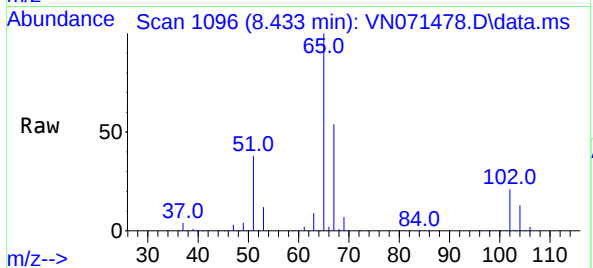




#33
1,2-Dichloroethane-d4
Concen: 48.370 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

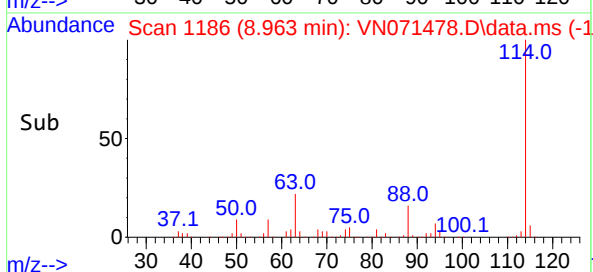
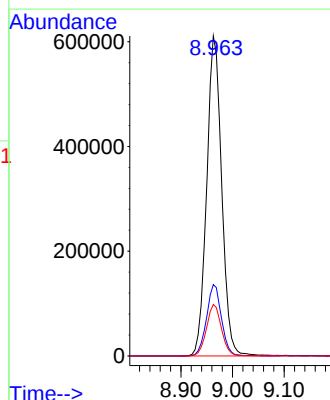
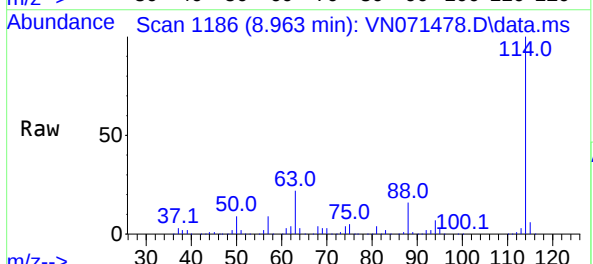
Instrument :
MSVOA_N
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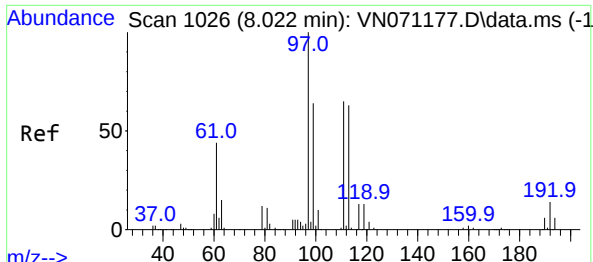
Tgt Ion: 65 Resp: 474516
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

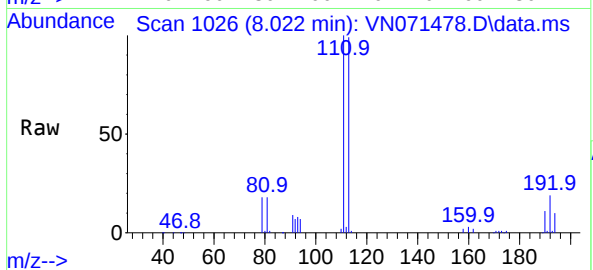
Tgt Ion:114 Resp: 1232473
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.8
88 16.1 0.0 27.4



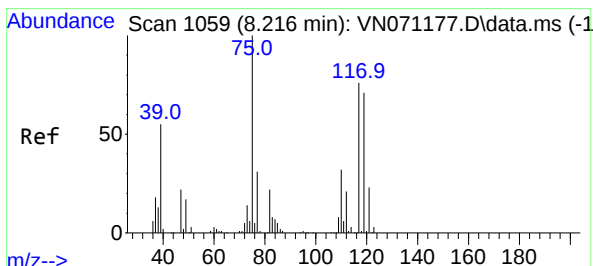
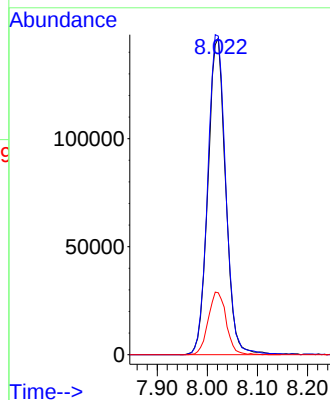
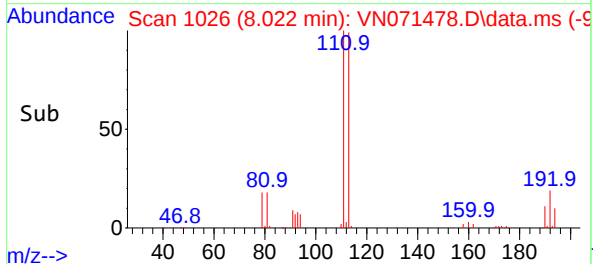


#35
Dibromofluoromethane
Concen: 46.194 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :

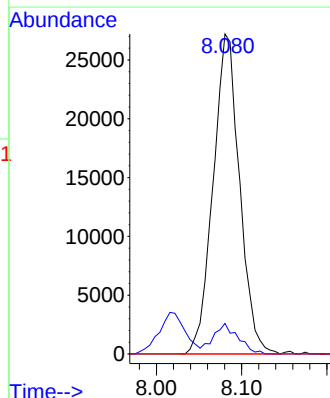
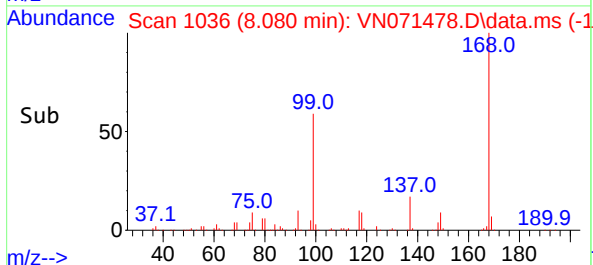
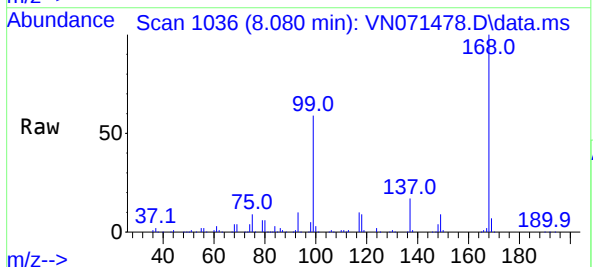


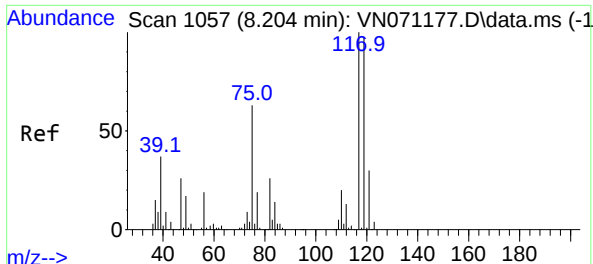
Tgt Ion:113 Resp: 359264
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

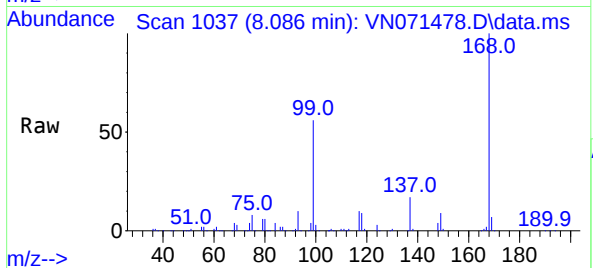
Tgt Ion: 75 Resp: 58678
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.4 36.6#



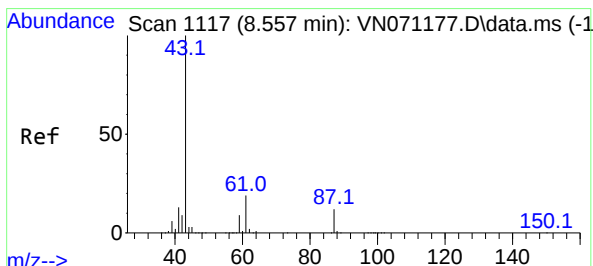
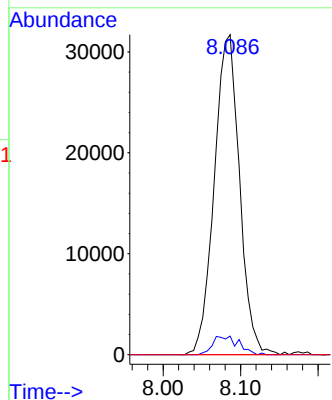
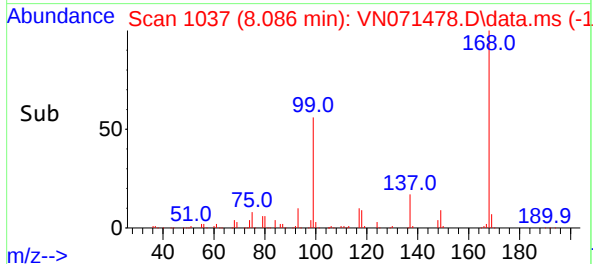


#38
Carbon Tetrachloride
Concen: 5.970 ug/l
RT: 8.086 min Scan# 1117
Delta R.T. -0.118 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

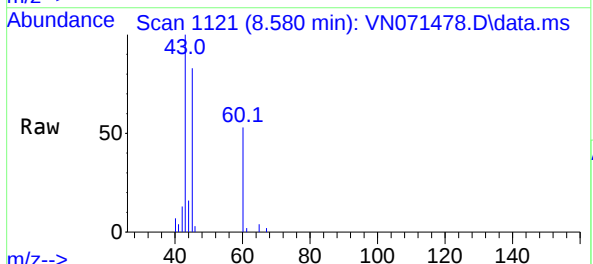
Instrument :
MSVOA_N
ClientSampleId :



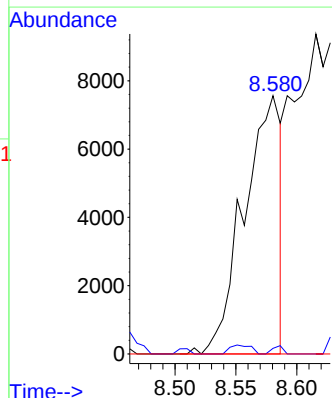
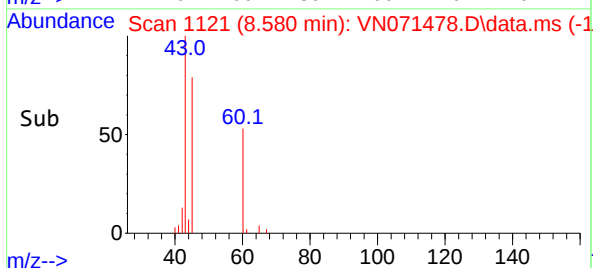
Tgt Ion:117 Resp: 71956
Ion Ratio Lower Upper
117 100
119 5.8 76.1 114.1#
121 0.0 24.2 36.2#

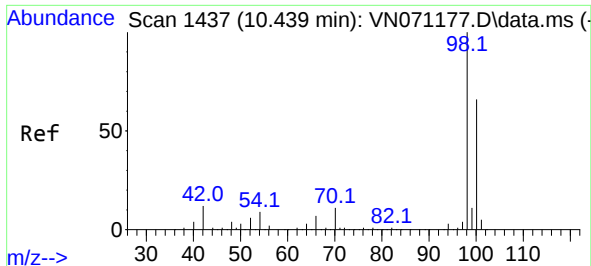


#43
Isopropyl Acetate
Concen: 0.622 ug/l
RT: 8.580 min Scan# 1121
Delta R.T. 0.023 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46



Tgt Ion: 43 Resp: 15964
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

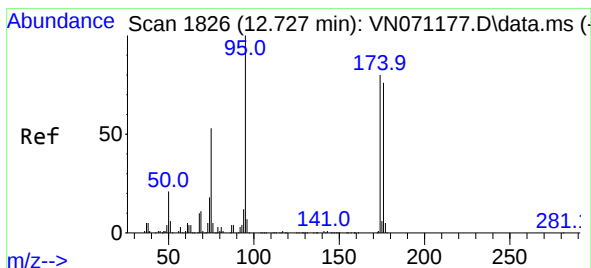
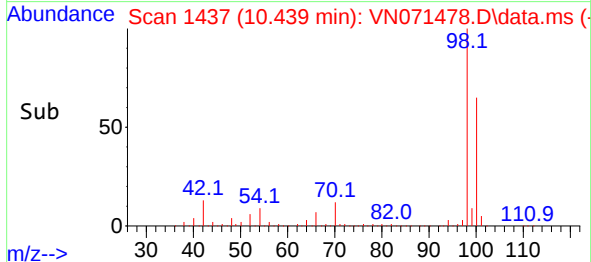
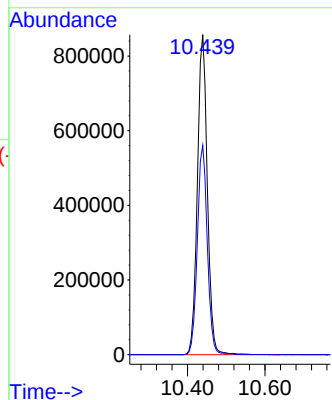
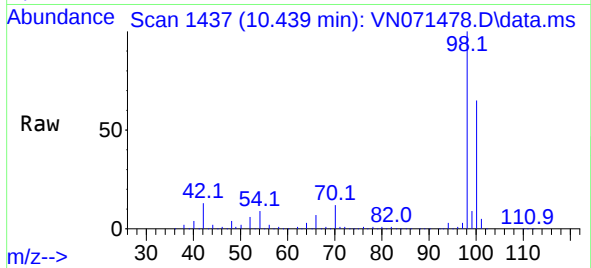




#50
Toluene-d8
Concen: 48.773 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

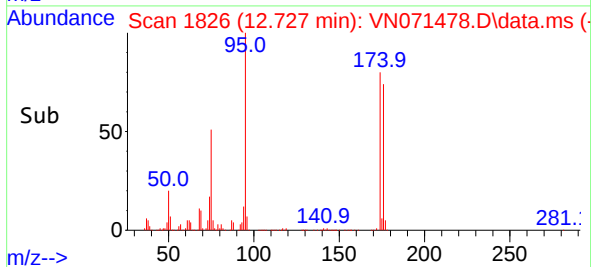
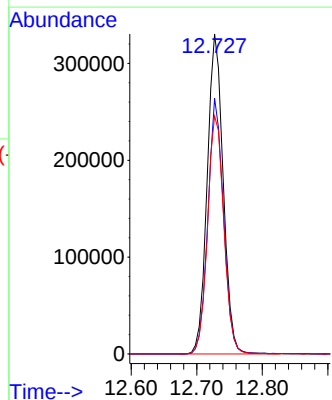
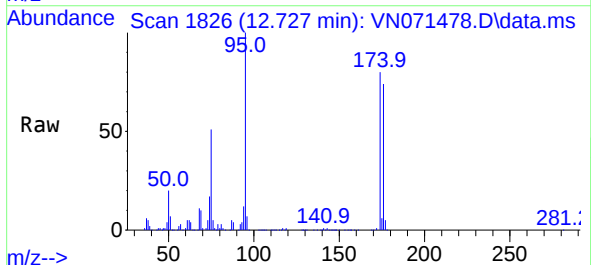
Instrument :
MSVOA_N
ClientSampleId :

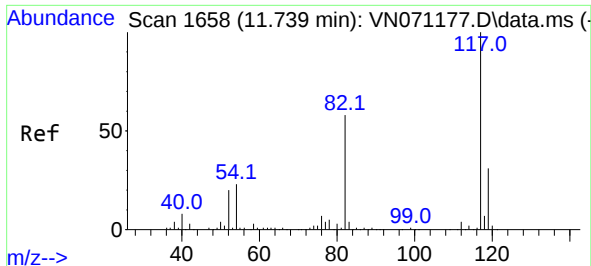
Tgt Ion: 98 Resp: 1527261
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.837 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

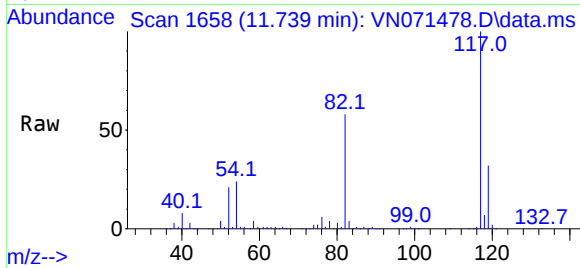
Tgt Ion: 95 Resp: 560264
Ion Ratio Lower Upper
95 100
174 78.2 0.0 187.2
176 75.7 0.0 181.4



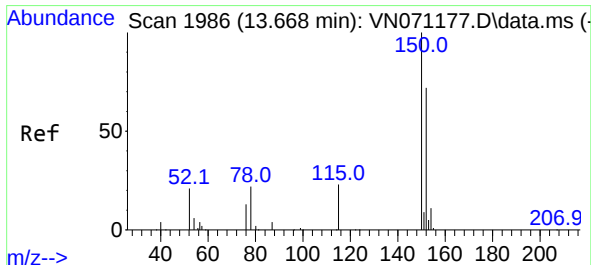
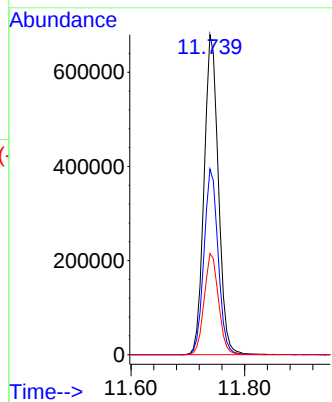
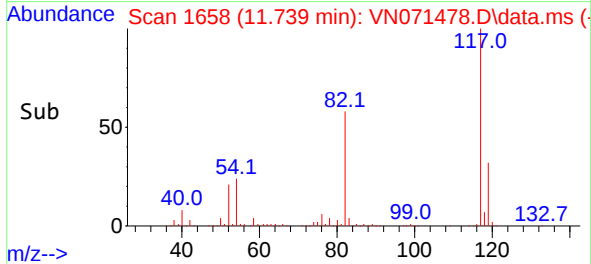


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

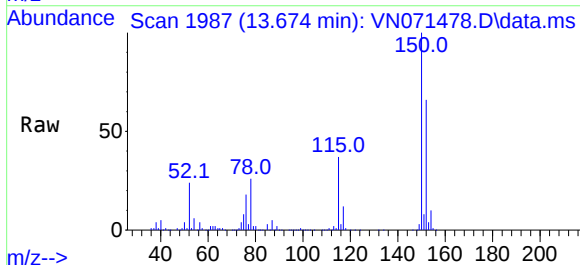
Instrument :
MSVOA_N
ClientSampleId :



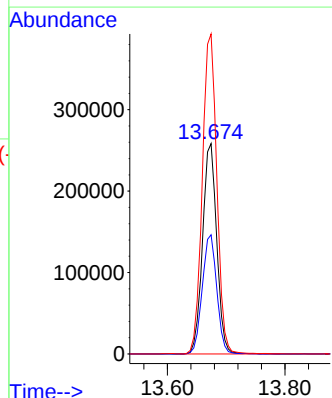
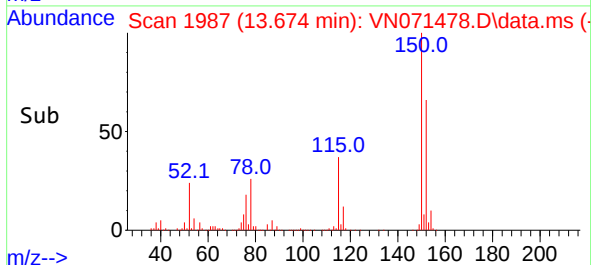
Tgt Ion:117 Resp: 1184144
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 31.6 25.4 38.2

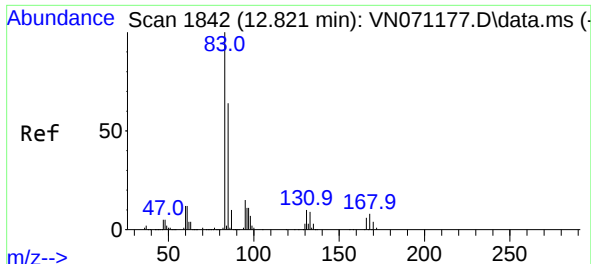


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46



Tgt Ion:152 Resp: 431374
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 156.1 0.0 344.4

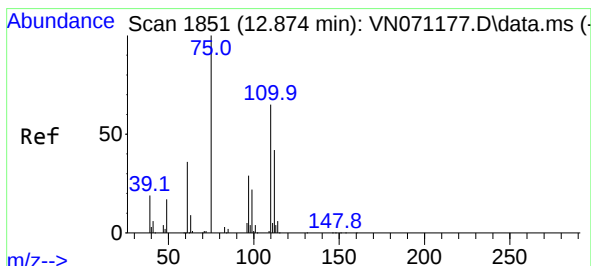
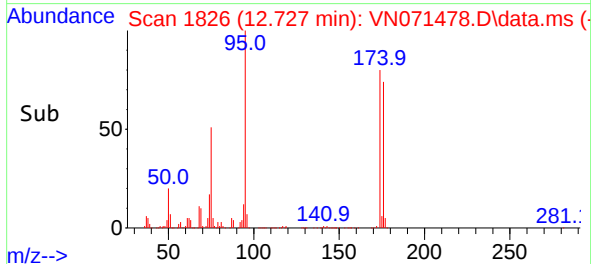
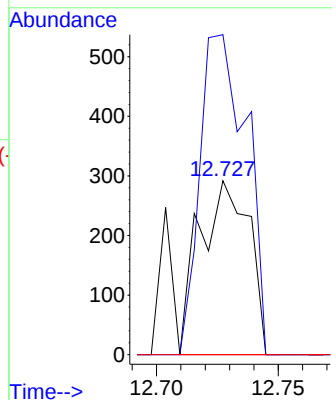
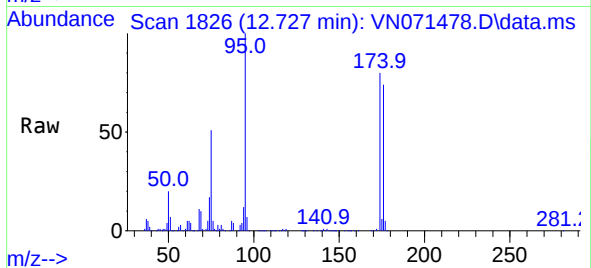




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.727 min Scan# 1826
Delta R.T. -0.094 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

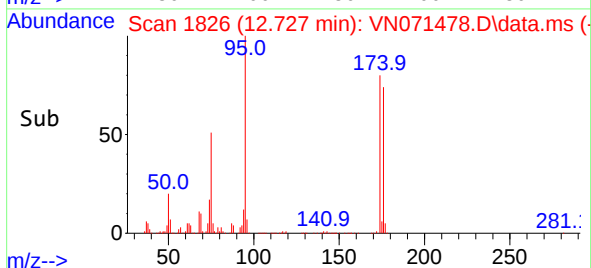
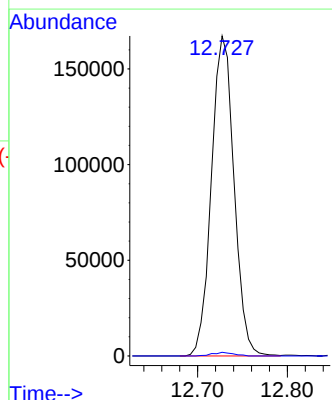
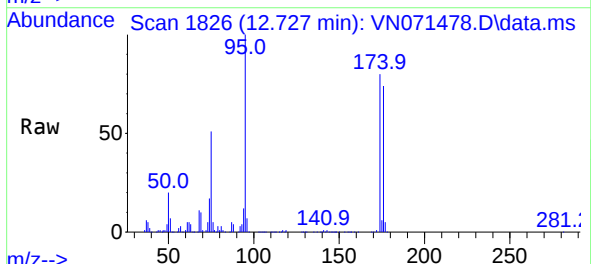
Instrument :
MSVOA_N
ClientSampleId :

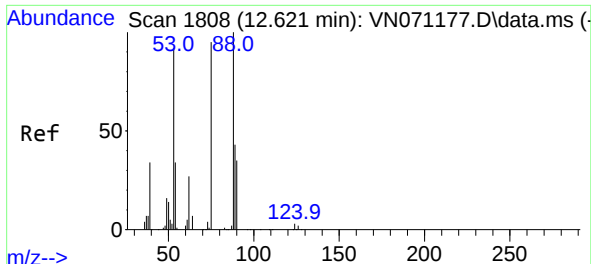
Tgt Ion: 83 Resp: 414
Ion Ratio Lower Upper
83 100
131 172.9 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 26.674 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Tgt Ion: 75 Resp: 292646
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#

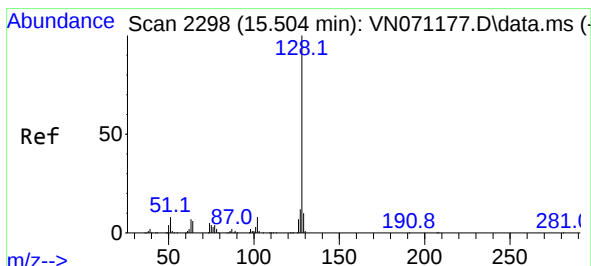
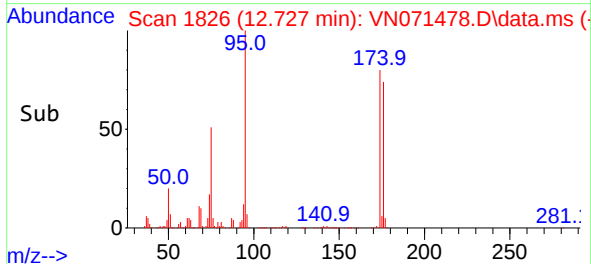
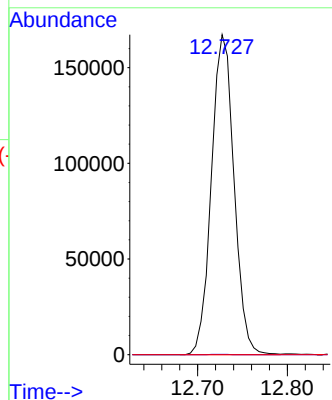
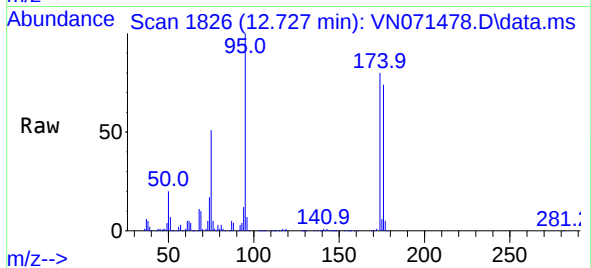




#81
trans-1,4-Dichloro-2-butene
Concen: 73.335 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 292646
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 5.111 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN071478.D
Acq: 22 Mar 2022 19:46

Tgt Ion: 128 Resp: 956
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

