

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077148.D
 Acq On : 23 Mar 2023 14:40
 Operator : JC\MD
 Sample : 01849-08
 Misc : 12.01g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 24 01:34:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

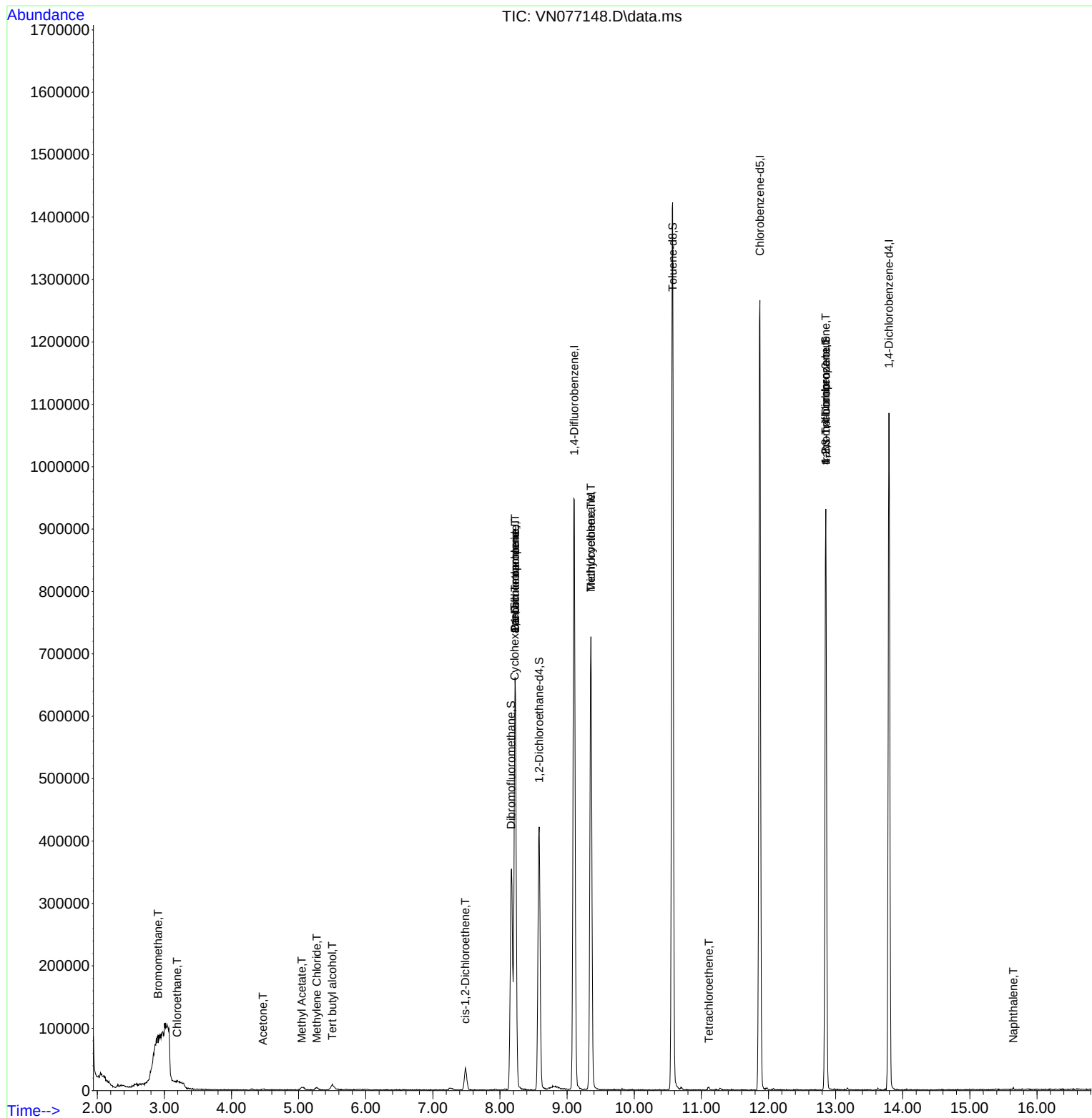
Internal Standards						
1) Pentafluorobenzene	8.225	168	464055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	805158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	708893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	279677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	342022	46.142	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	92.280%	
35) Dibromofluoromethane	8.166	113	258238	45.798	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.600%	
50) Toluene-d8	10.572	98	969761	48.146	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.300%	
62) 4-Bromofluorobenzene	12.854	95	294459	41.372	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	82.740%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.907	94	2144	0.629	ug/l #	48
6) Chloroethane	3.190	64	1075	0.337	ug/l #	72
11) Tert butyl alcohol	5.501	59	5796	5.366	ug/l #	72
16) Acetone	4.466	43	902	0.273	ug/l #	43
18) Methyl Acetate	5.048	43	11067	0.889	ug/l #	85
20) Methylene Chloride	5.272	84	1868	0.261	ug/l #	69
27) cis-1,2-Dichloroethene	7.484	96	17392	2.487	ug/l	87
31) Cyclohexane	8.219	56	12587	1.038	ug/l #	42
36) 1,1-Dichloropropene	8.225	75	41002	4.656	ug/l #	51
38) Carbon Tetrachloride	8.225	117	50294	5.863	ug/l #	19
39) Methylcyclohexane	9.354	83	3555	0.345	ug/l #	1
44) Trichloroethene	9.354	130	246862	40.238	ug/l	99
64) Tetrachloroethene	11.113	164	1191	0.250	ug/l #	83
76) 1,2,3-Trichloropropane	12.854	75	169172	23.385	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	169172	64.368	ug/l #	10
95) Naphthalene	15.648	128	1919	2.011	ug/l #	83

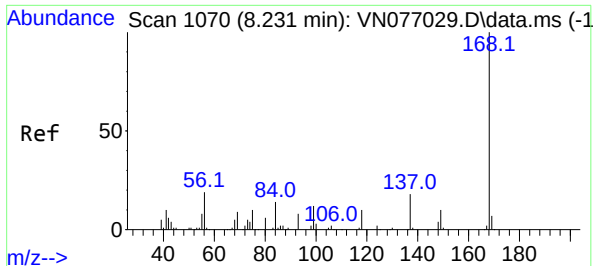
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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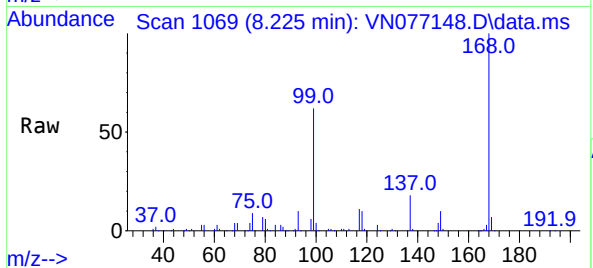
Quant Time: Mar 24 01:34:35 2023
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QLast Update : Mon Mar 20 08:50:30 2023
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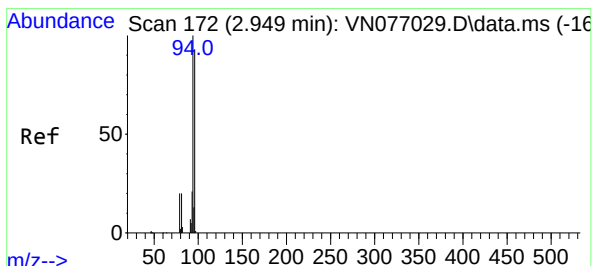
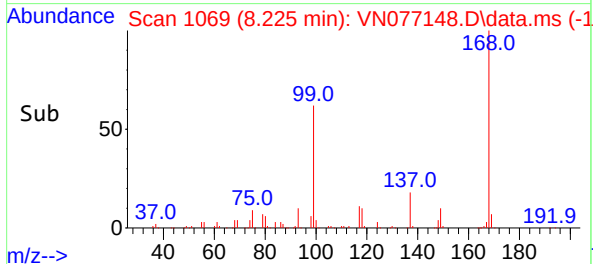
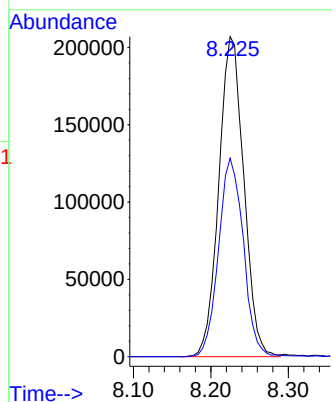


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :

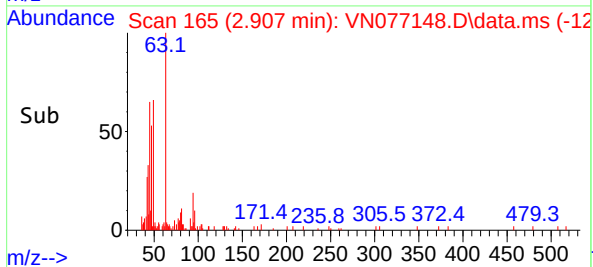
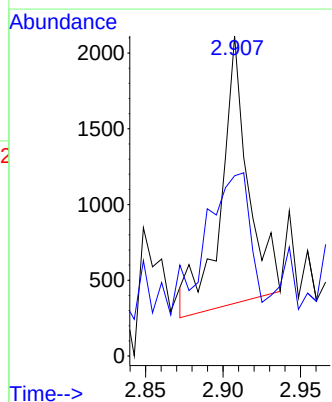
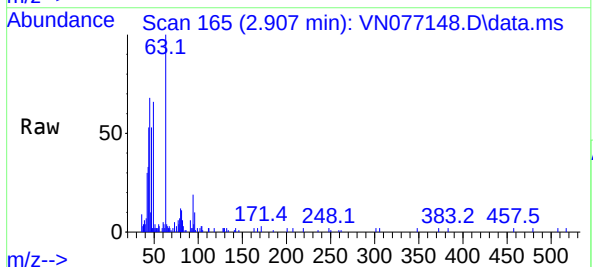


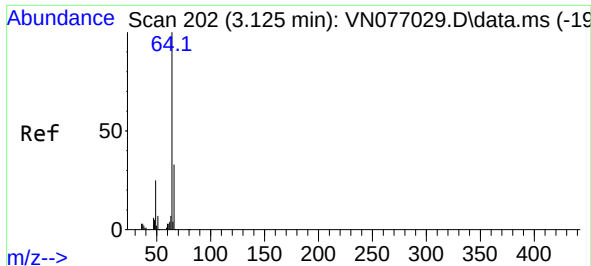
Tgt Ion:168 Resp: 464055
Ion Ratio Lower Upper
168 100
99 62.0 53.9 80.9



#5
Bromomethane
Concen: 0.629 ug/l
RT: 2.907 min Scan# 165
Delta R.T. -0.042 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

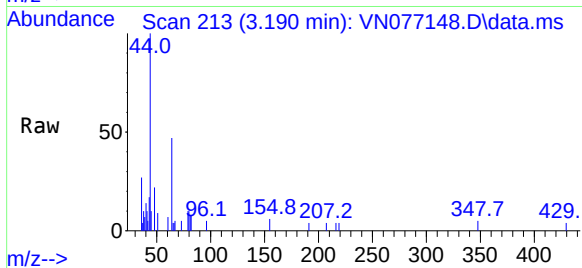
Tgt Ion: 94 Resp: 2144
Ion Ratio Lower Upper
94 100
96 43.2 74.1 111.1#



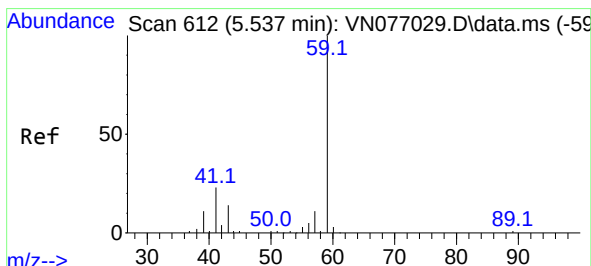
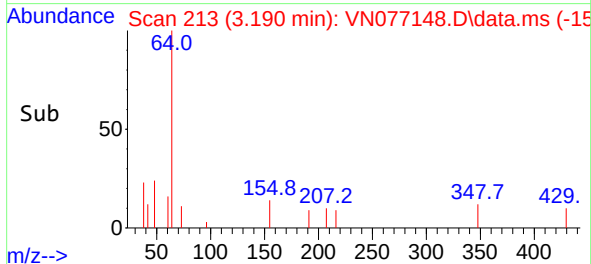
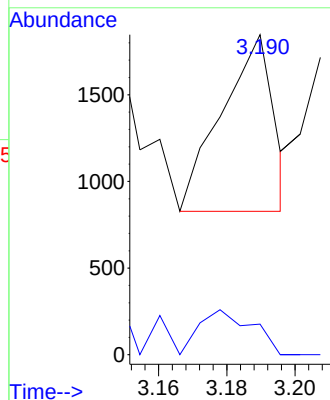


#6
Chloroethane
Concen: 0.337 ug/l
RT: 3.190 min Scan# 21
Delta R.T. 0.065 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :

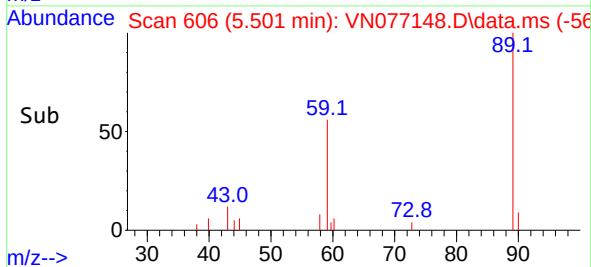
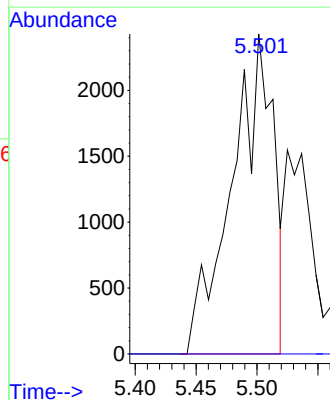
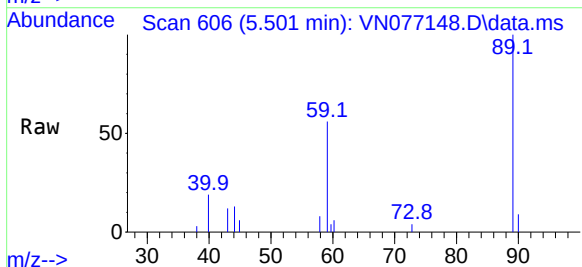


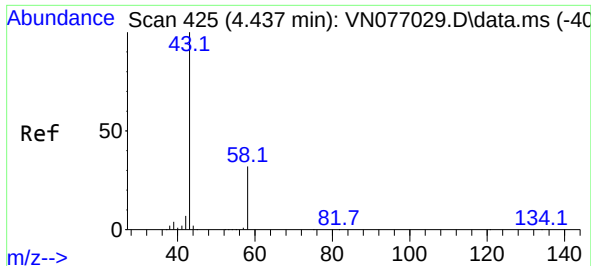
Tgt Ion: 64 Resp: 1075
Ion Ratio Lower Upper
64 100
66 17.4 26.3 39.5#



#11
Tert butyl alcohol
Concen: 5.366 ug/l
RT: 5.501 min Scan# 606
Delta R.T. -0.036 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Tgt Ion: 59 Resp: 5796
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

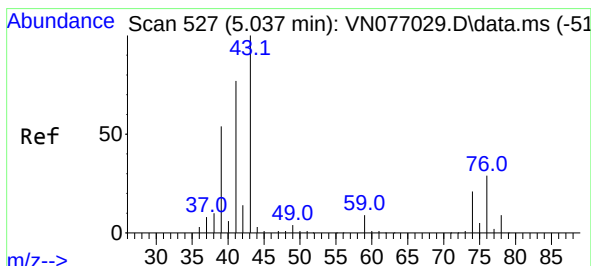
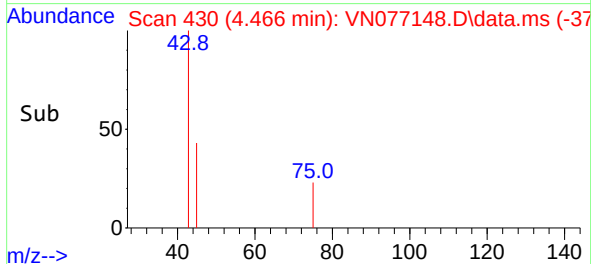
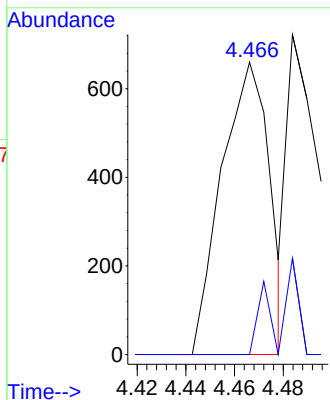
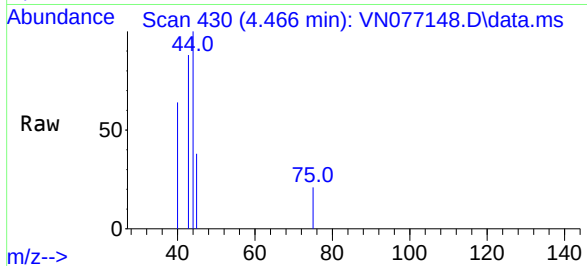




#16
Acetone
Concen: 0.273 ug/l
RT: 4.466 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

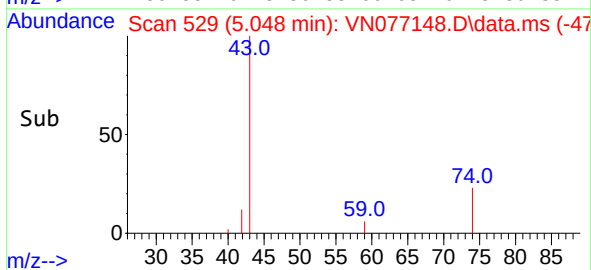
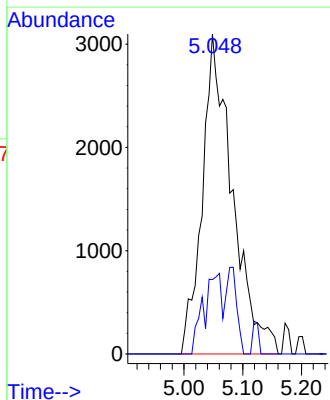
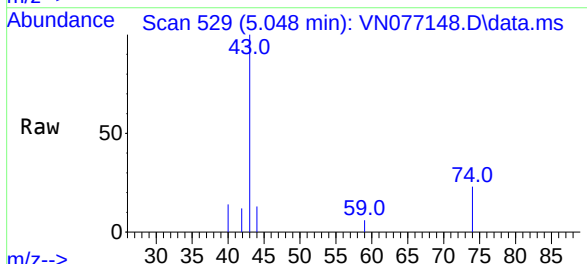
Instrument :
MSVOA_N
ClientSampleId :

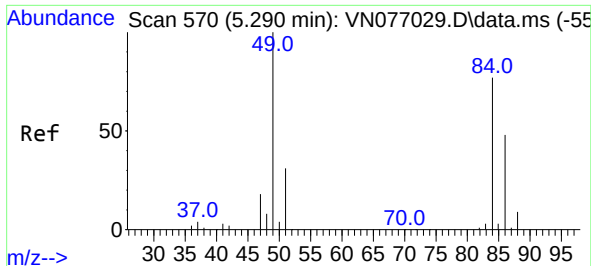
Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#18
Methyl Acetate
Concen: 0.889 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

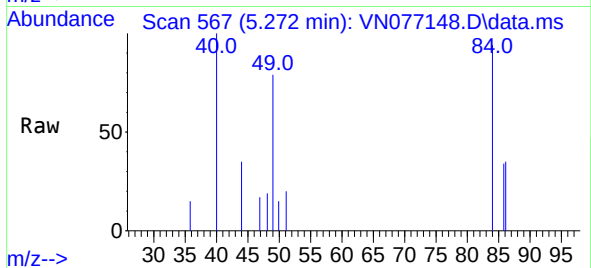
Tgt Ion: 43 Resp: 11067
Ion Ratio Lower Upper
43 100
74 15.0 17.7 26.5#





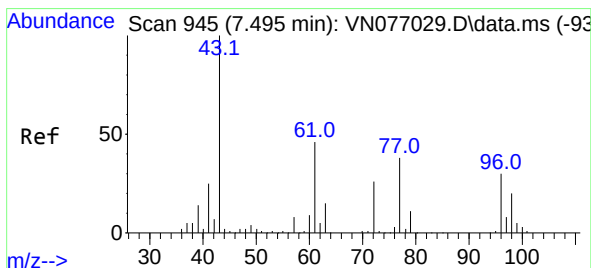
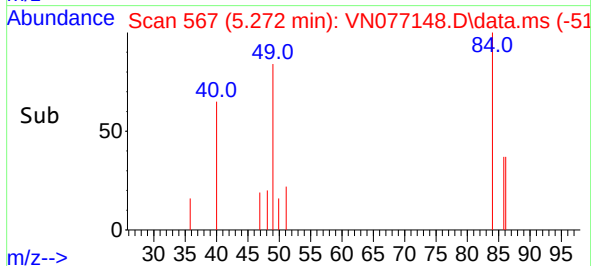
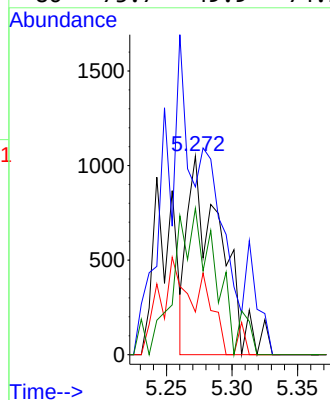
#20
Methylene Chloride
Concen: 0.261 ug/l
RT: 5.272 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 1868

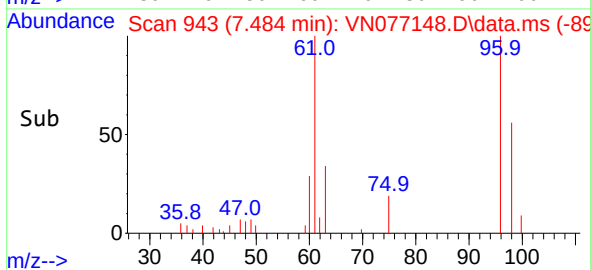
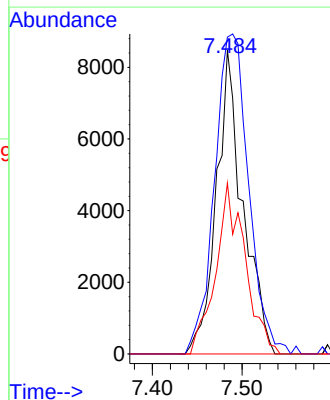
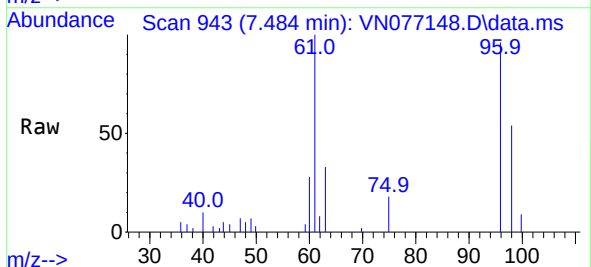
Ion	Ratio	Lower	Upper
84	100		
49	84.5	103.8	155.6#
51	21.5	32.3	48.5#
86	73.7	49.9	74.9

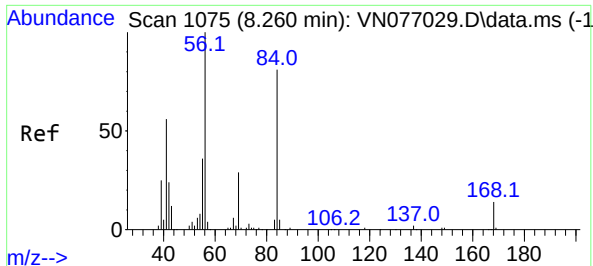


#27
cis-1,2-Dichloroethene
Concen: 2.487 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.011 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Tgt Ion: 96 Resp: 17392

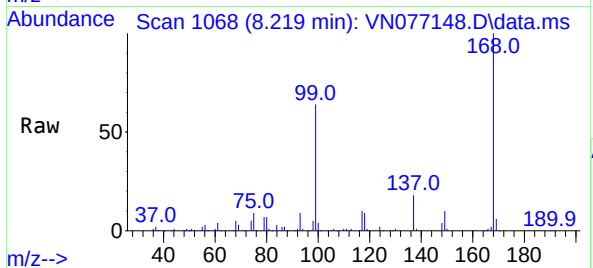
Ion	Ratio	Lower	Upper
96	100		
61	135.9	0.0	315.4
98	62.5	0.0	128.6



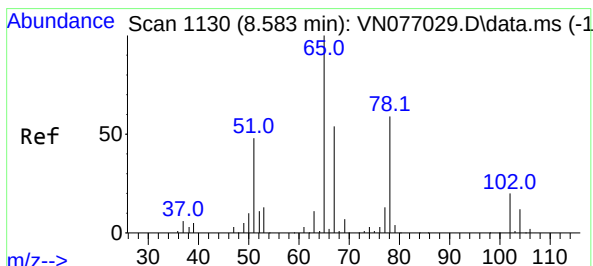
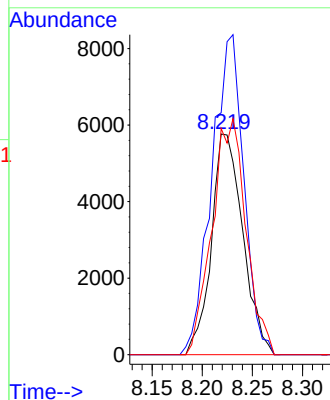
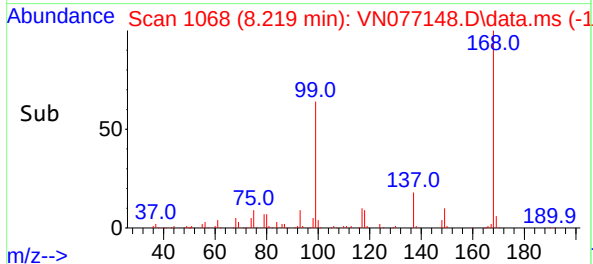


#31
Cyclohexane
Concen: 1.038 ug/l
RT: 8.219 min Scan# 1068
Delta R.T. -0.041 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

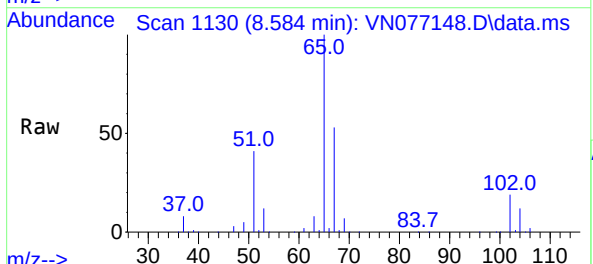
Instrument :
MSVOA_N
ClientSampleId :



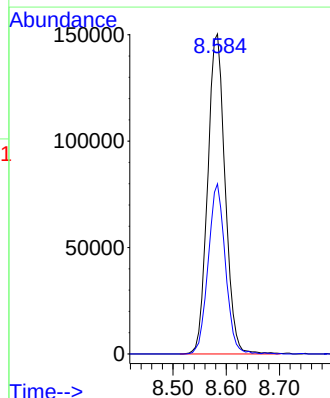
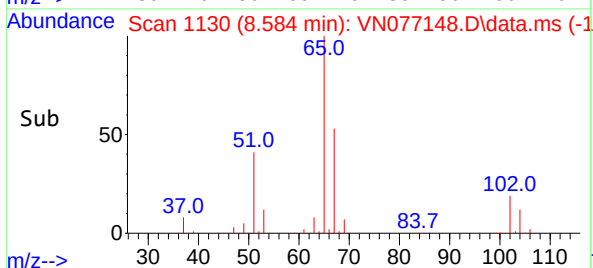
Tgt Ion: 56 Resp: 12587
Ion Ratio Lower Upper
56 100
69 109.6 22.8 34.2#
84 102.5 64.7 97.1#

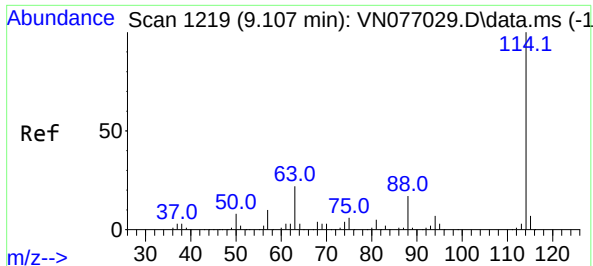


#33
1,2-Dichloroethane-d4
Concen: 46.142 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40



Tgt Ion: 65 Resp: 342022
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2



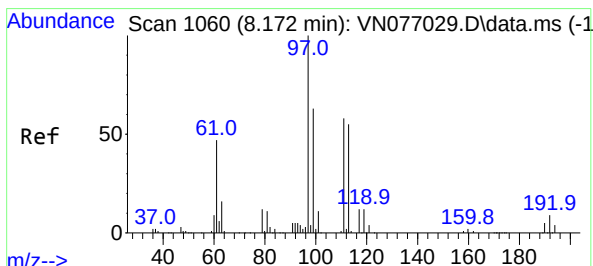
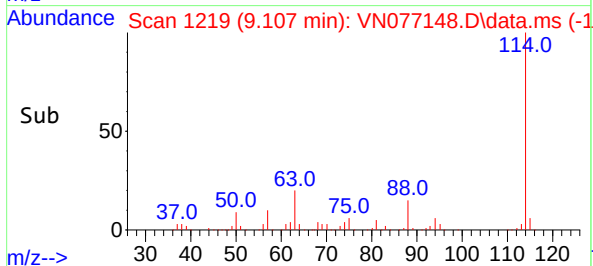
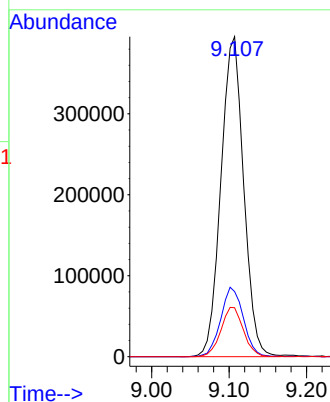
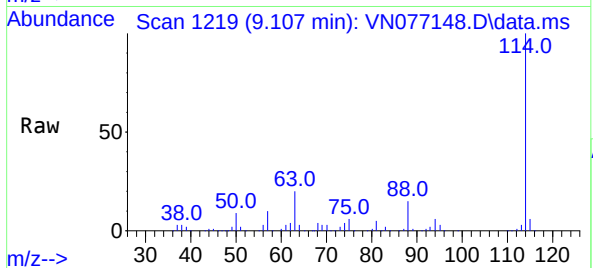


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 805158

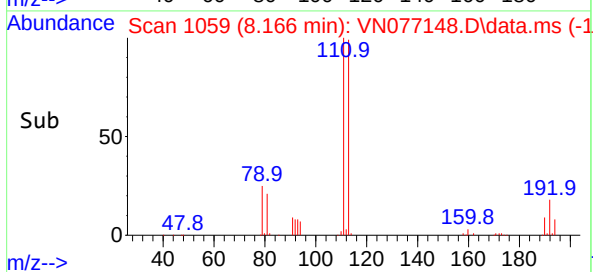
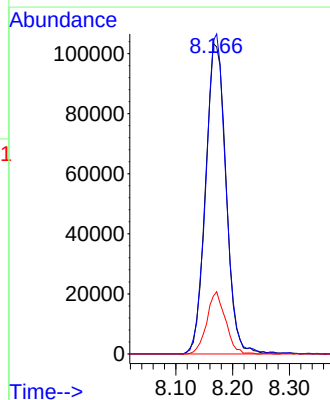
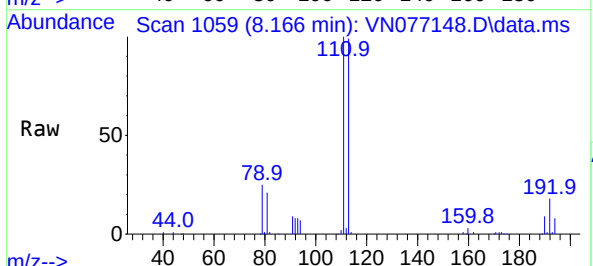
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	44.6
88	15.3	0.0	33.8

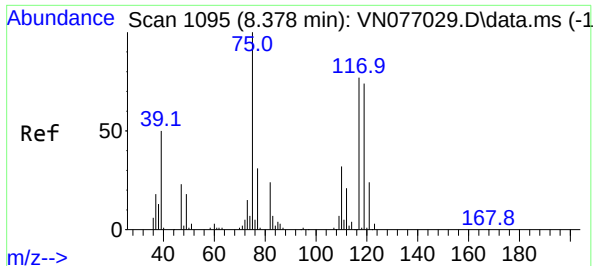


#35
Dibromofluoromethane
Concen: 45.798 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Tgt Ion:113 Resp: 258238

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.2	123.2
192	18.2	13.0	19.6





#36

1,1-Dichloropropene

Concen: 4.656 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.153 min

Lab File: VN077148.D

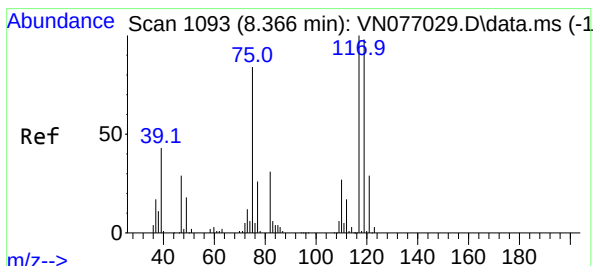
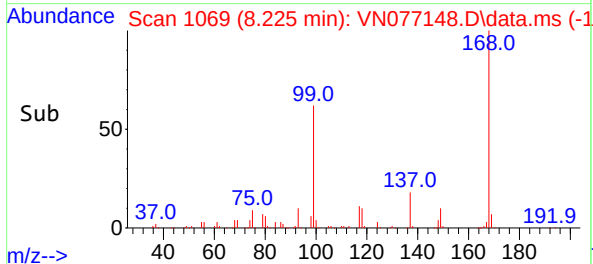
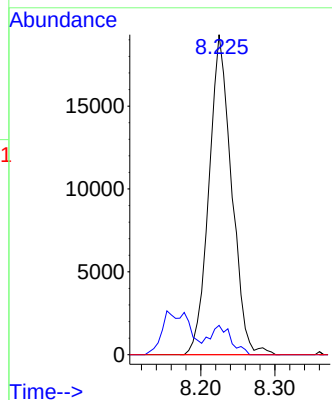
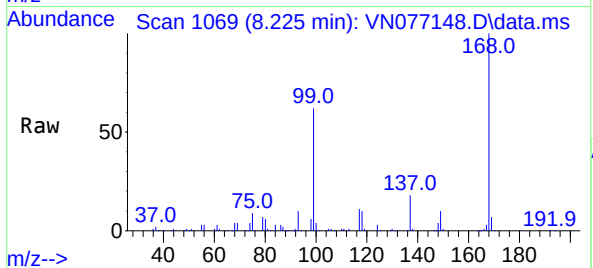
Acq: 23 Mar 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	41002
Ion Ratio	Lower	Upper	
75	100		
110	8.7	15.9	47.7#
77	0.0	24.3	36.5#



#38

Carbon Tetrachloride

Concen: 5.863 ug/l

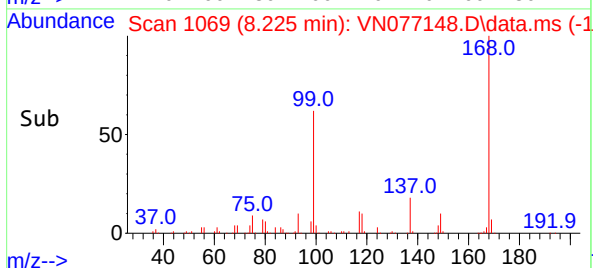
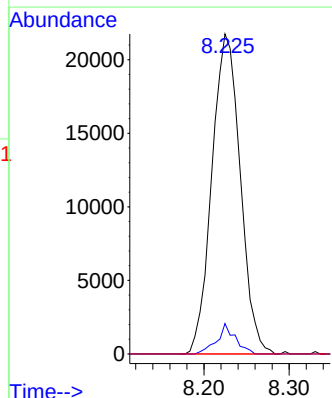
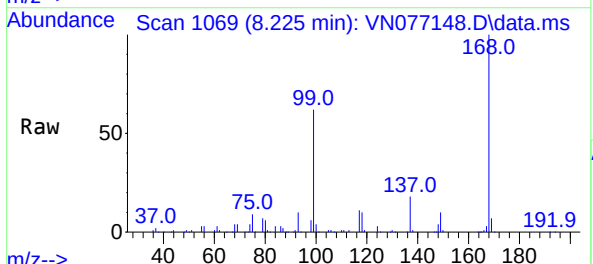
RT: 8.225 min Scan# 1069

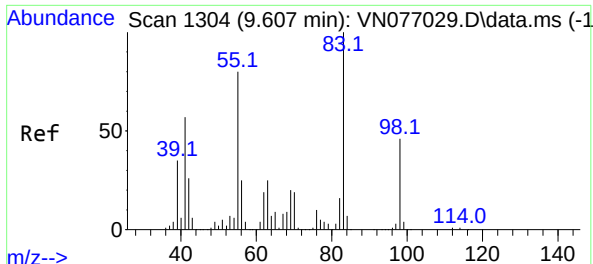
Delta R.T. -0.141 min

Lab File: VN077148.D

Acq: 23 Mar 2023 14:40

Tgt Ion:	117	Resp:	50294
Ion Ratio	Lower	Upper	
117	100		
119	9.5	78.2	117.2#
121	0.0	23.2	34.8#





#39

Methylcyclohexane

Concen: 0.345 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.253 min

Lab File: VN077148.D

Acq: 23 Mar 2023 14:40

Instrument :

MSVOA_N

ClientSampleId :

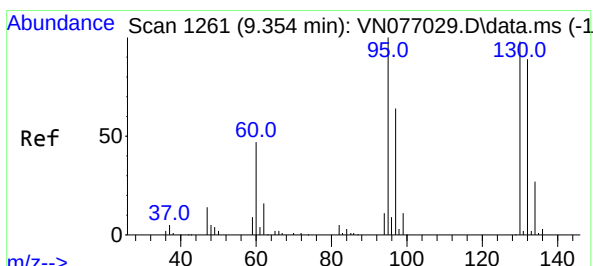
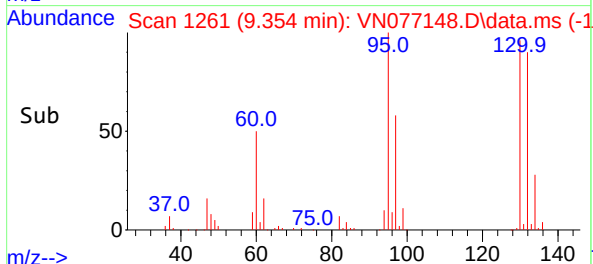
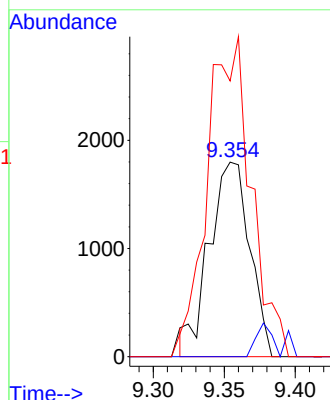
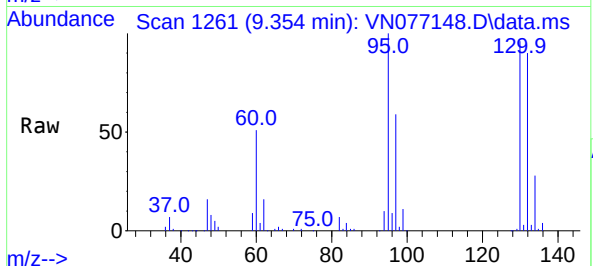
Tgt Ion: 83 Resp: 3555

Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.8#

98 130.0 37.1 55.7#



#44

Trichloroethene

Concen: 40.238 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077148.D

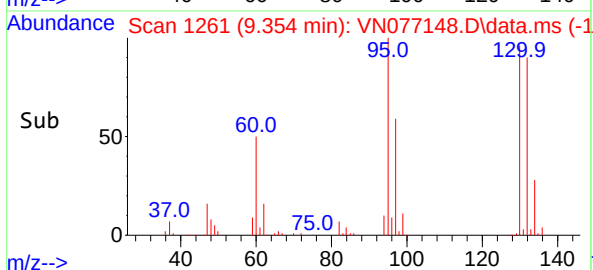
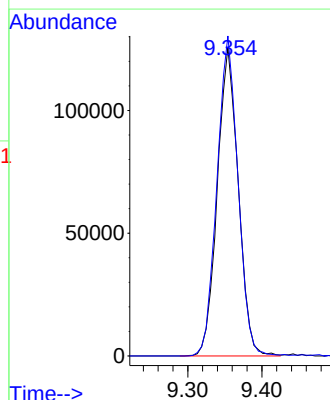
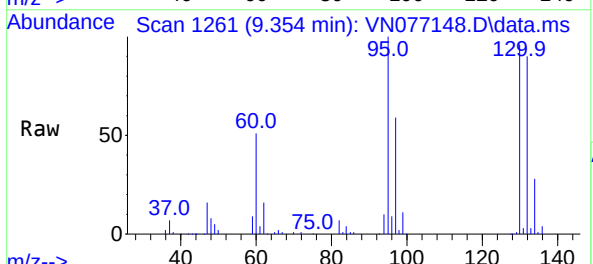
Acq: 23 Mar 2023 14:40

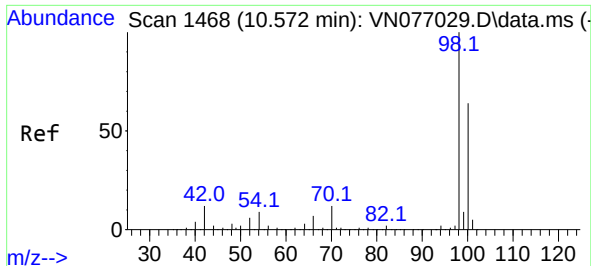
Tgt Ion:130 Resp: 246862

Ion Ratio Lower Upper

130 100

95 103.7 0.0 204.4

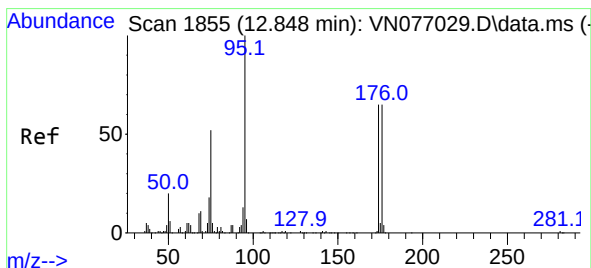
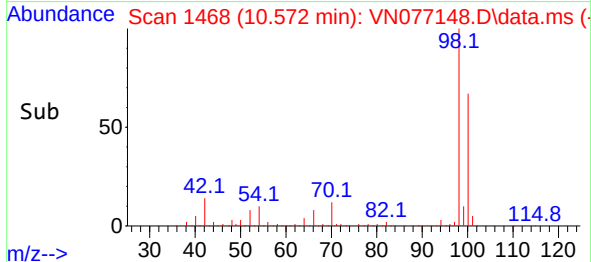
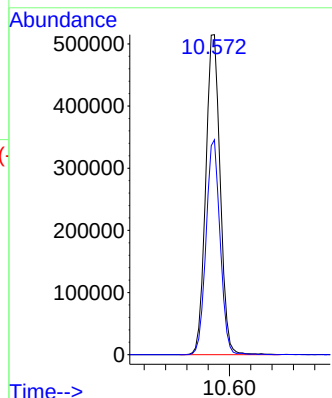
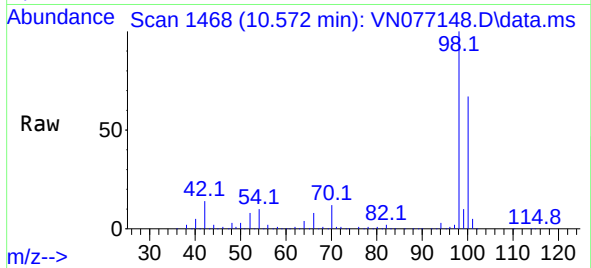




#50
Toluene-d8
Concen: 48.146 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

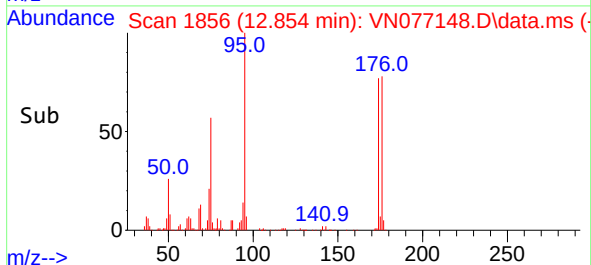
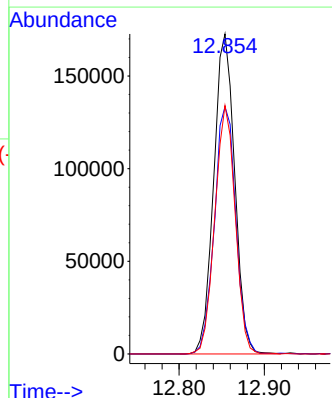
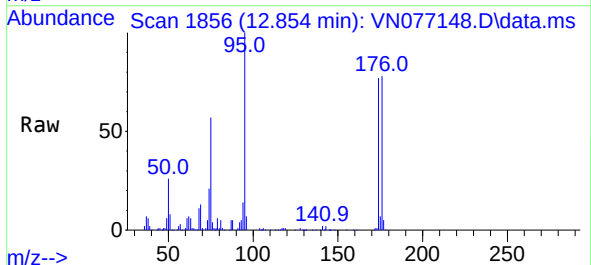
Instrument :
MSVOA_N
ClientSampleId :

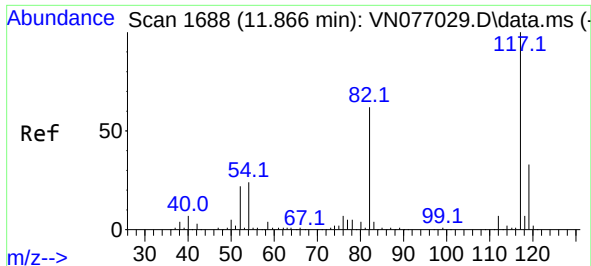
Tgt Ion: 98 Resp: 969761
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.372 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Tgt Ion: 95 Resp: 294459
Ion Ratio Lower Upper
95 100
174 79.0 0.0 136.6
176 75.5 0.0 130.0

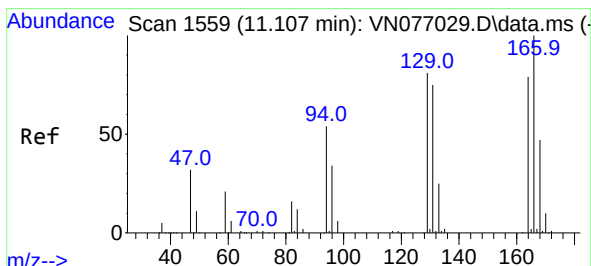
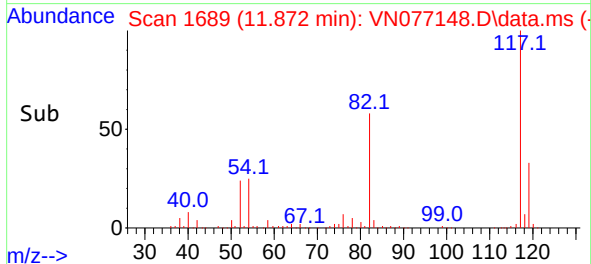
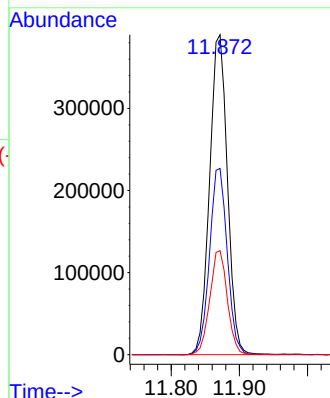
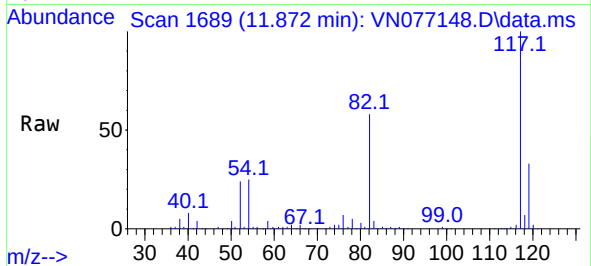




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

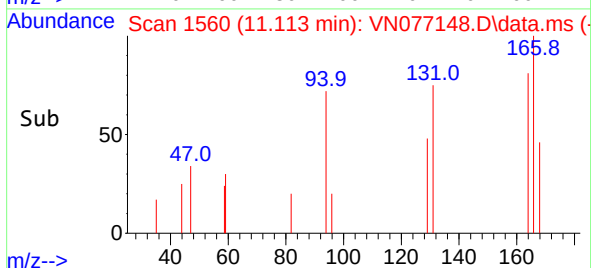
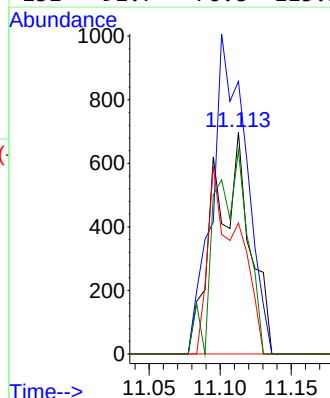
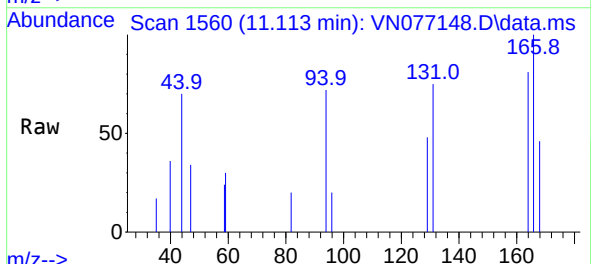
Instrument :
MSVOA_N
ClientSampleId :

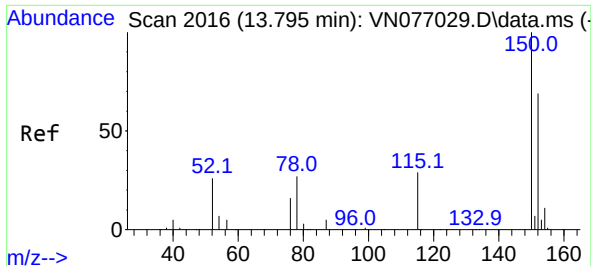
Tgt Ion:117 Resp: 708893
Ion Ratio Lower Upper
117 100
82 58.2 49.4 74.0
119 32.5 26.5 39.7



#64
Tetrachloroethene
Concen: 0.250 ug/l
RT: 11.113 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Tgt Ion:164 Resp: 1191
Ion Ratio Lower Upper
164 100
166 122.9 101.9 152.9
129 59.0 82.6 123.8#
131 91.7 76.8 115.2

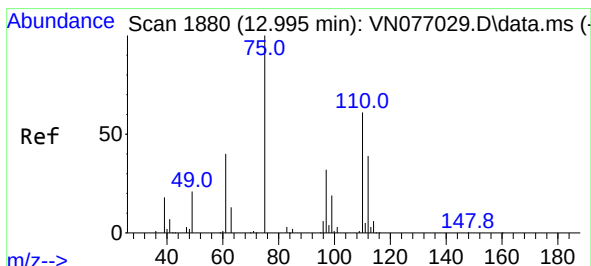
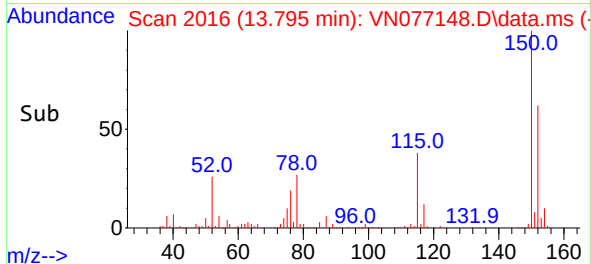
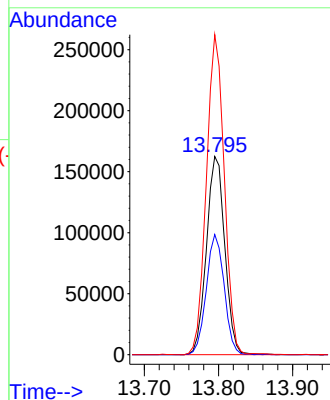
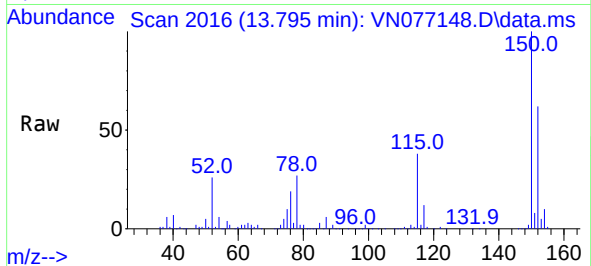




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN077148.D
 Acq: 23 Mar 2023 14:40

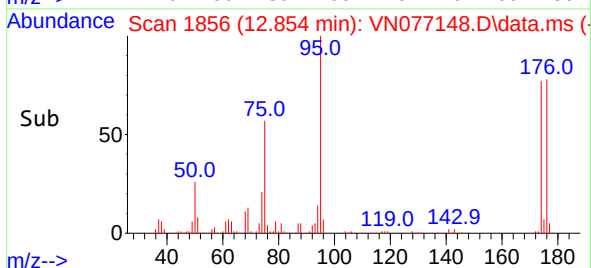
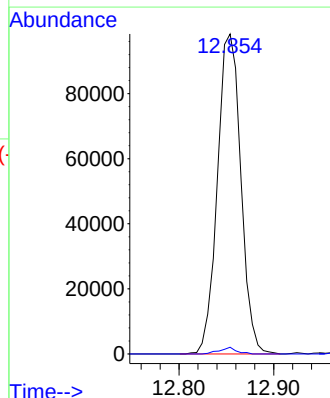
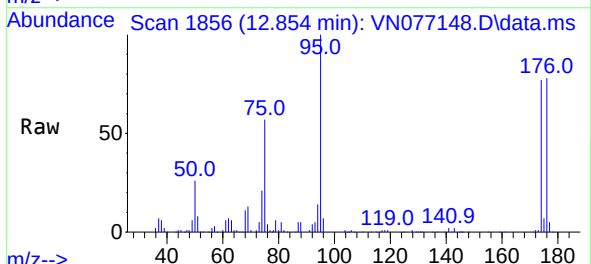
Instrument :
 MSVOA_N
 ClientSampleId :

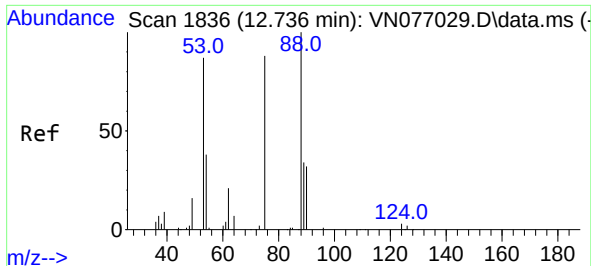
Tgt Ion:152 Resp: 279677
 Ion Ratio Lower Upper
 152 100
 115 59.2 31.9 95.7
 150 157.6 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 23.385 ug/l
 RT: 12.854 min Scan# 1856
 Delta R.T. -0.141 min
 Lab File: VN077148.D
 Acq: 23 Mar 2023 14:40

Tgt Ion: 75 Resp: 169172
 Ion Ratio Lower Upper
 75 100
 77 1.5 107.3 322.0#

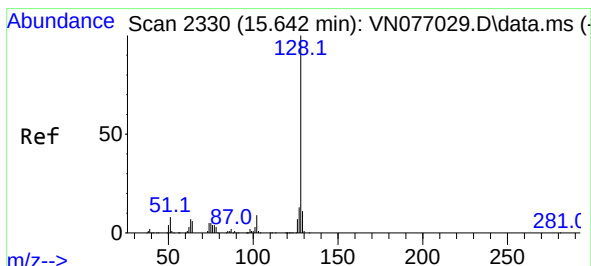
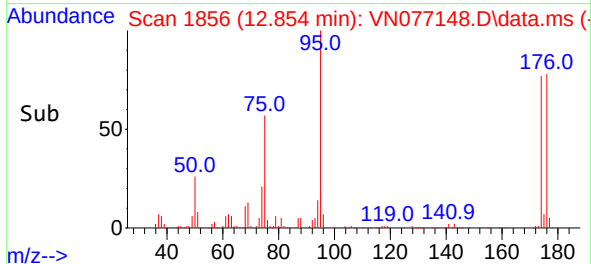
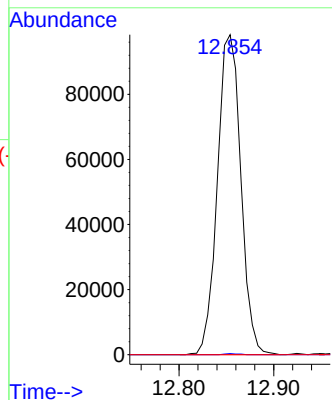
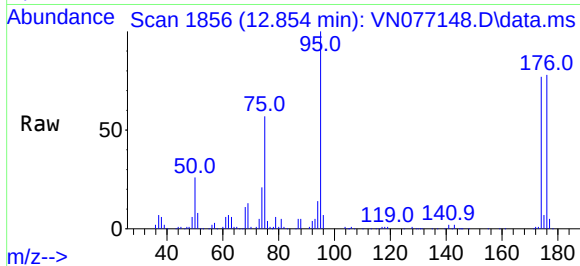




#81
trans-1,4-Dichloro-2-butene
Concen: 64.368 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 169172
Ion Ratio Lower Upper
75 100
53 0.2 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 2.011 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077148.D
Acq: 23 Mar 2023 14:40

Tgt Ion: 128 Resp: 1919
Ion Ratio Lower Upper
128 100
127 5.4 10.0 15.0#
129 4.7 8.6 13.0#

