

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076927.D
 Acq On : 10 Mar 2023 16:15
 Operator : JC\MD
 Sample : VN0310WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0310WBL01

Quant Time: Mar 10 16:50:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

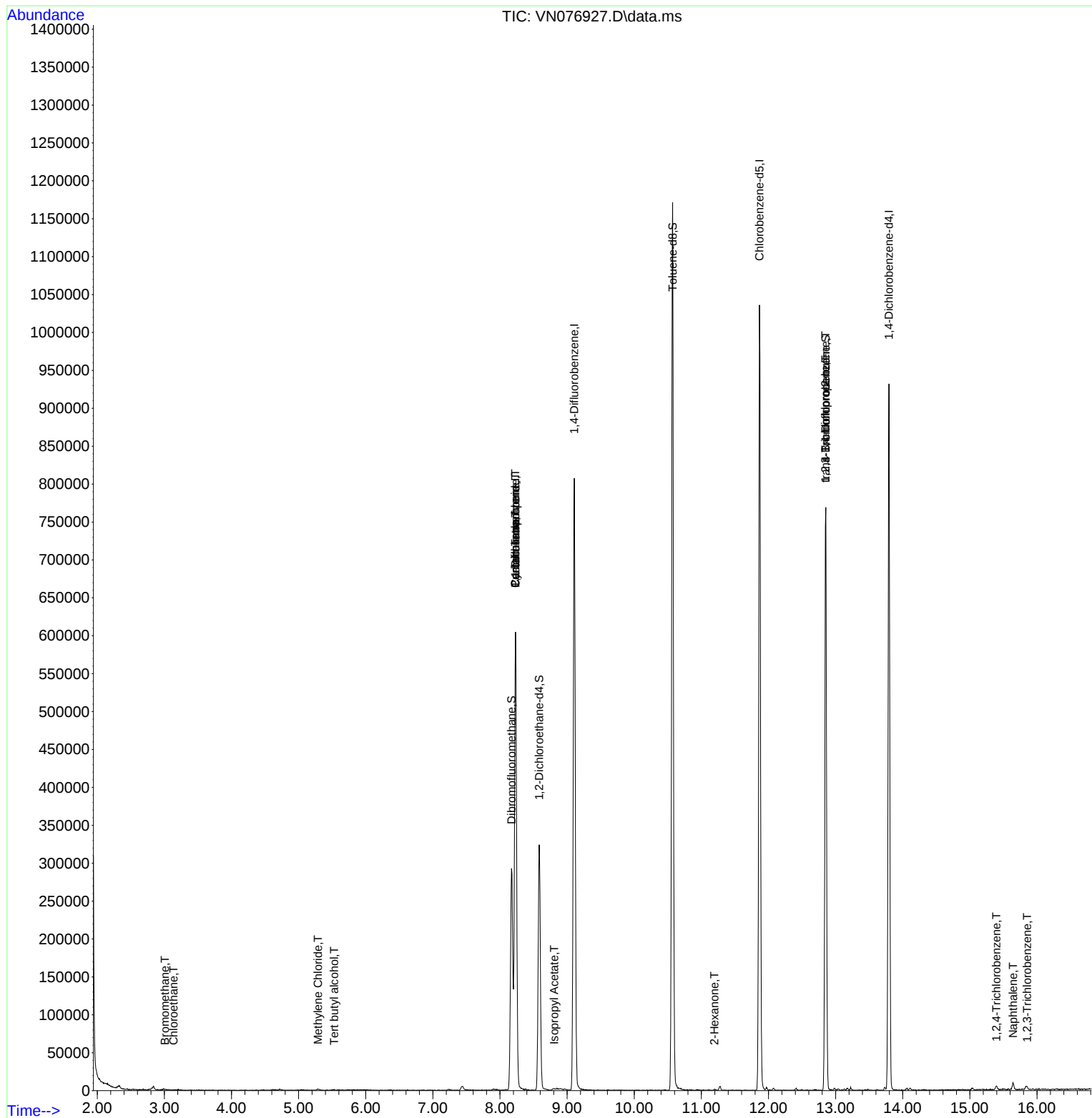
Internal Standards						
1) Pentafluorobenzene	8.231	168	422193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	684961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	592988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	240328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	284143	45.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.200%		
35) Dibromofluoromethane	8.172	113	214533	46.995	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	10.572	98	804208	47.800	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.600%		
62) 4-Bromofluorobenzene	12.854	95	281288	45.710	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	3.007	94	1260	0.448	ug/l #	50
6) Chloroethane	3.137	64	808	0.333	ug/l #	42
11) Tert butyl alcohol	5.531	59	284	0.324	ug/l #	72
20) Methylene Chloride	5.290	84	1294	0.231	ug/l #	67
31) Cyclohexane	8.231	56	9183	1.016	ug/l #	37
36) 1,1-Dichloropropene	8.231	75	36433	5.160	ug/l #	48
38) Carbon Tetrachloride	8.231	117	47752	5.779	ug/l #	17
43) Isopropyl Acetate	8.807	43	2364	0.237	ug/l #	48
59) 2-Hexanone	11.195	43	1092	0.250	ug/l	83
76) 1,2,3-Trichloropropane	12.848	75	153982	26.427	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	153982	86.325	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.395	180	1905	0.391	ug/l	79
95) Naphthalene	15.642	128	7301	0.503	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.854	180	2294	0.485	ug/l #	85

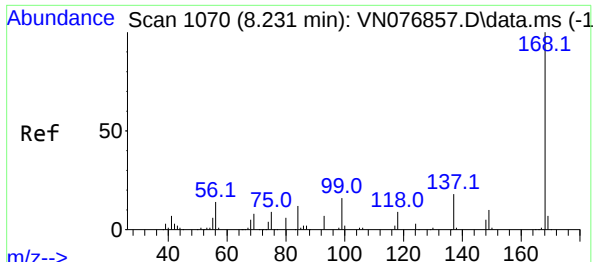
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076927.D

Acq: 10 Mar 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

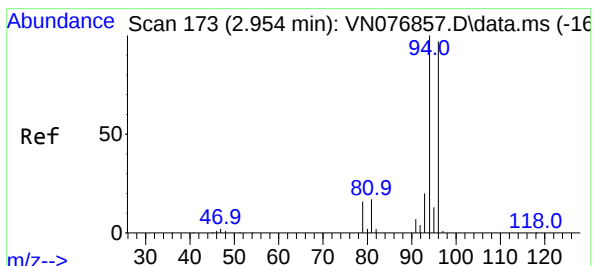
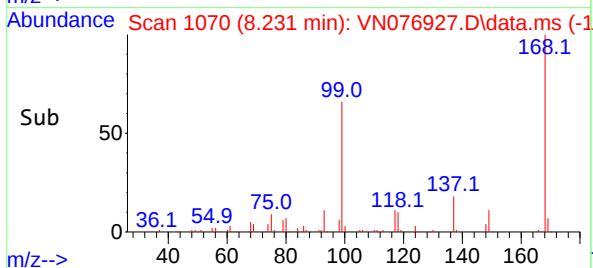
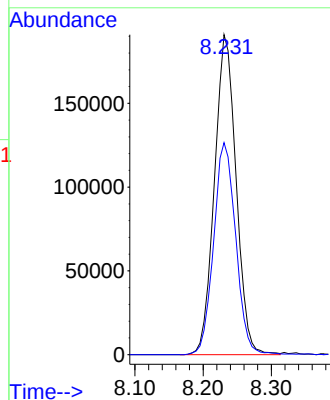
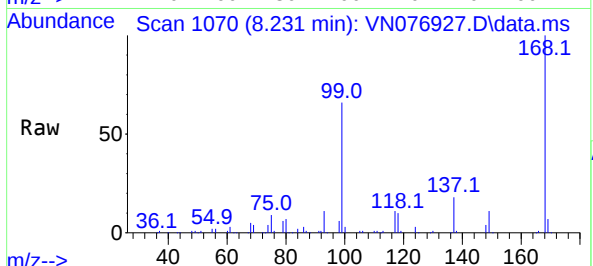
VN0310WBL01

Tgt Ion:168 Resp: 422193

Ion Ratio Lower Upper

168 100

99 66.3 48.6 73.0



#5

Bromomethane

Concen: 0.448 ug/l

RT: 3.007 min Scan# 182

Delta R.T. 0.053 min

Lab File: VN076927.D

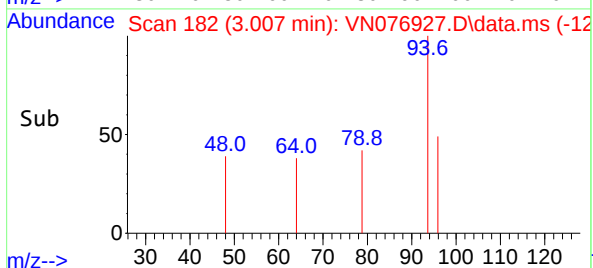
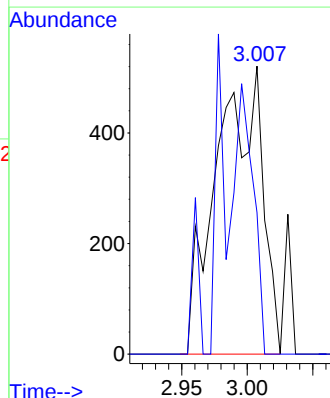
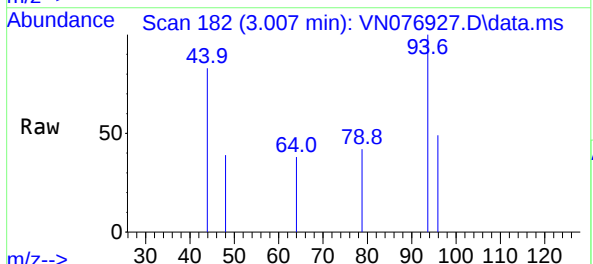
Acq: 10 Mar 2023 16:15

Tgt Ion: 94 Resp: 1260

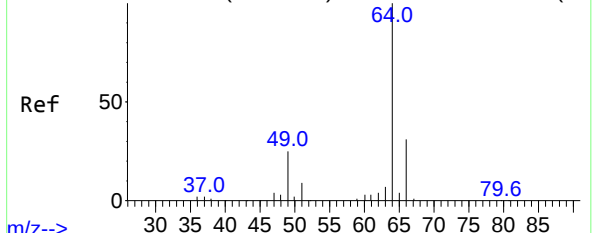
Ion Ratio Lower Upper

94 100

96 49.1 79.0 118.6#

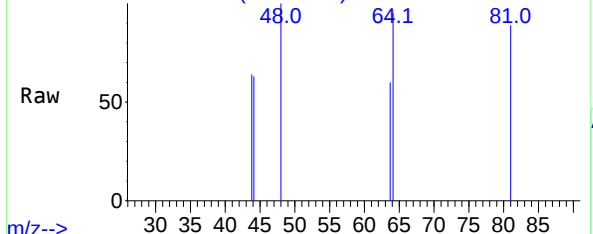


Abundance Scan 203 (3.131 min): VN076857.D\data.ms (-18



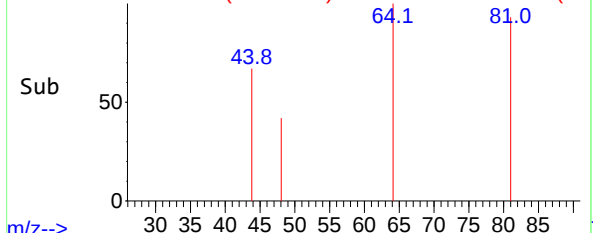
m/z-->

Abundance Scan 204 (3.137 min): VN076927.D\data.ms



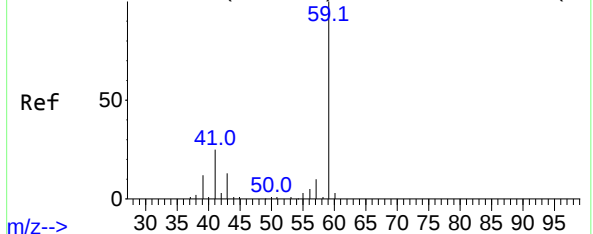
m/z-->

Abundance Scan 204 (3.137 min): VN076927.D\data.ms (-15



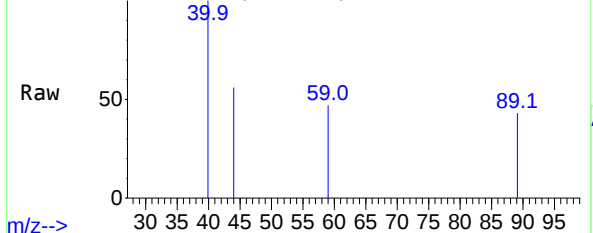
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Abundance Scan 612 (5.537 min): VN076857.D\data.ms (-59



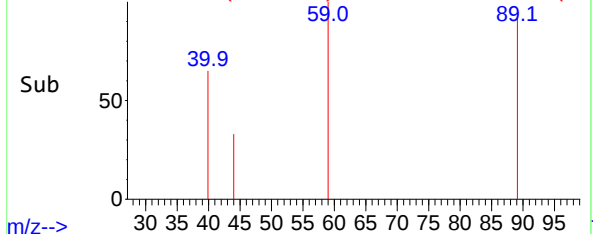
m/z-->

Abundance Scan 611 (5.531 min): VN076927.D\data.ms



m/z-->

Abundance Scan 611 (5.531 min): VN076927.D\data.ms (-56



m/z-->

#6

Chloroethane

Concen: 0.333 ug/l

RT: 3.137 min Scan# 204

Delta R.T. 0.006 min

Lab File: VN076927.D

Acq: 10 Mar 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

VN0310WBL01

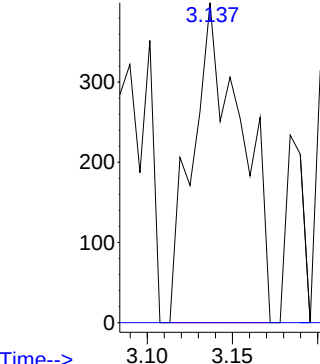
Tgt Ion: 64 Resp: 808

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

Abundance



Time-->

#11

Tert butyl alcohol

Concen: 0.324 ug/l

RT: 5.531 min Scan# 611

Delta R.T. -0.000 min

Lab File: VN076927.D

Acq: 10 Mar 2023 16:15

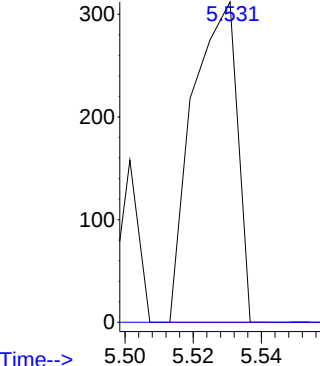
Tgt Ion: 59 Resp: 284

Ion Ratio Lower Upper

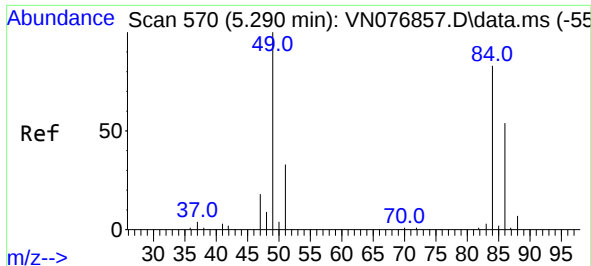
59 100

57 0.0 8.6 12.8#

Abundance



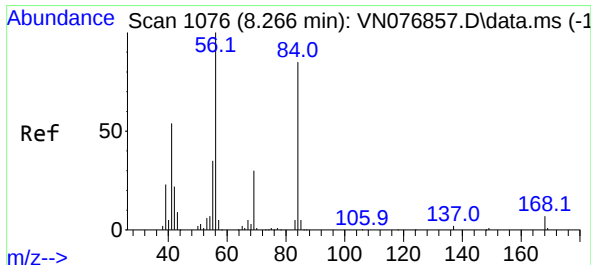
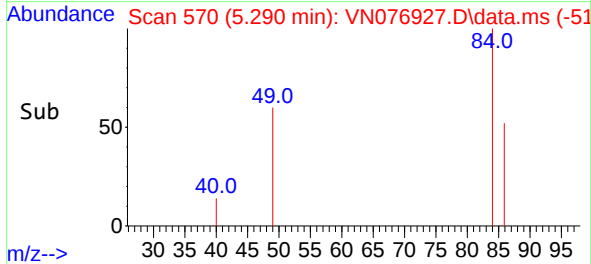
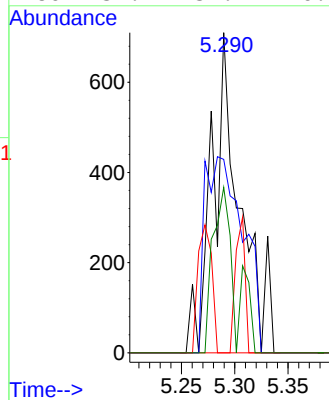
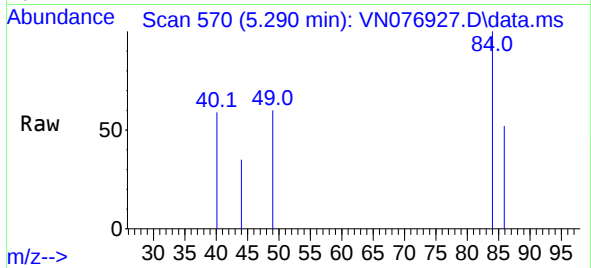
Time-->



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

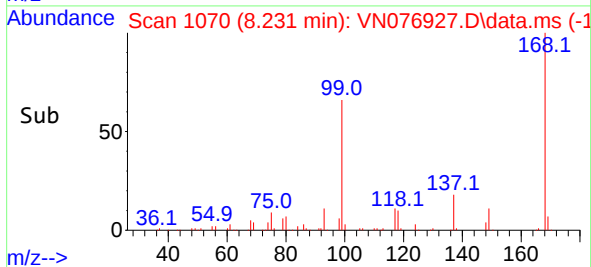
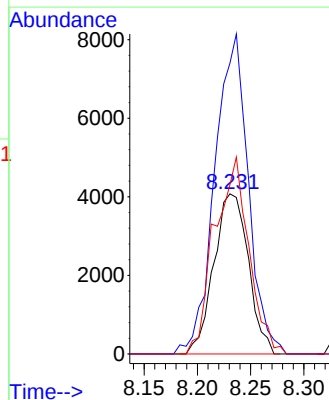
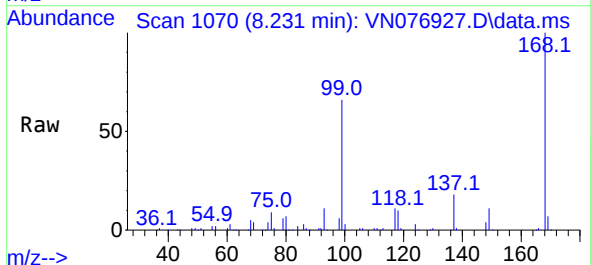
Instrument :
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ClientSampleId :
VN0310WBL01

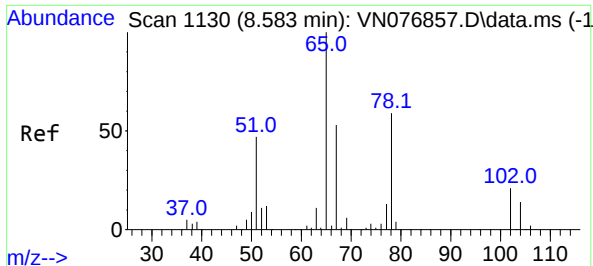
Tgt Ion:	84	Resp:	1294
Ion	Ratio	Lower	Upper
84	100		
49	60.4	76.6	114.8#
51	0.0	25.4	38.2#
86	51.7	51.1	76.7



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.035 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion:	56	Resp:	9183
Ion	Ratio	Lower	Upper
56	100		
69	176.0	27.0	40.6#
84	105.7	82.9	124.3

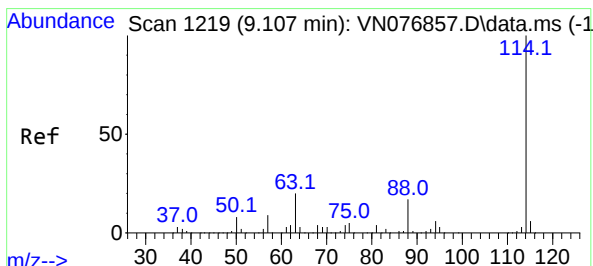
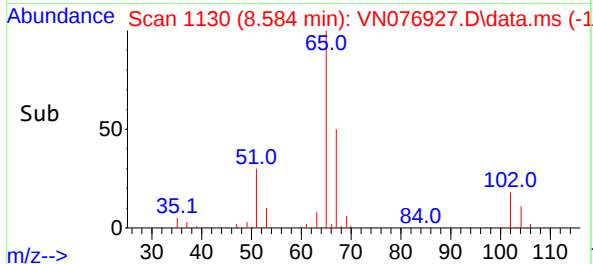
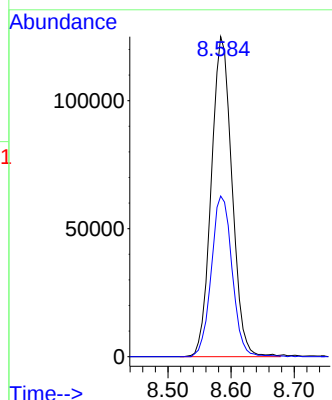
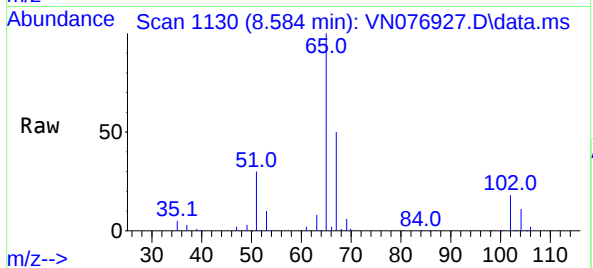




#33
1,2-Dichloroethane-d4
Concen: 45.100 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

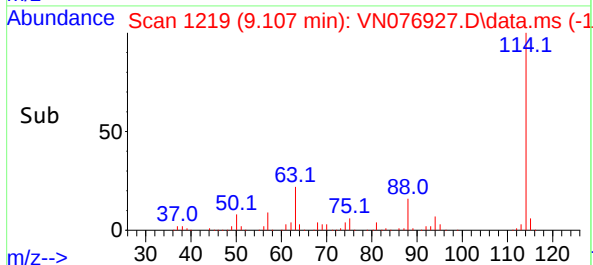
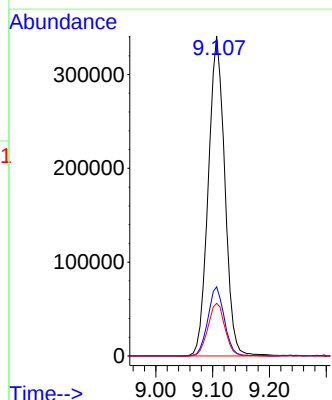
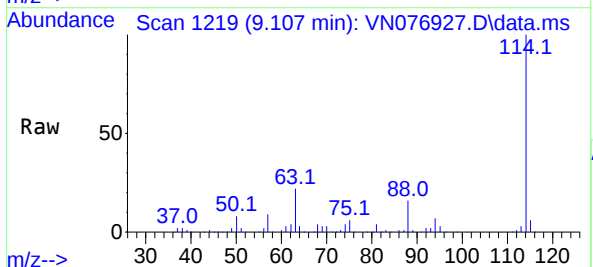
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

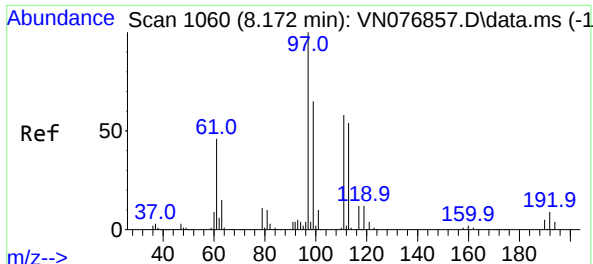
Tgt Ion: 65 Resp: 284143
Ion Ratio Lower Upper
65 100
67 50.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion: 114 Resp: 684961
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.6
88 16.4 0.0 28.6

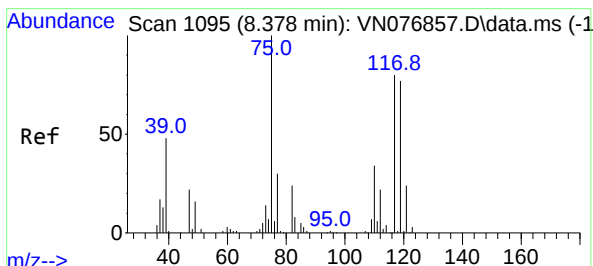
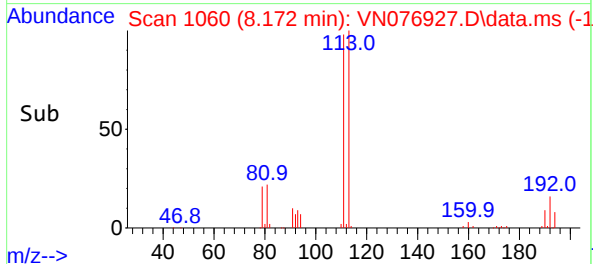
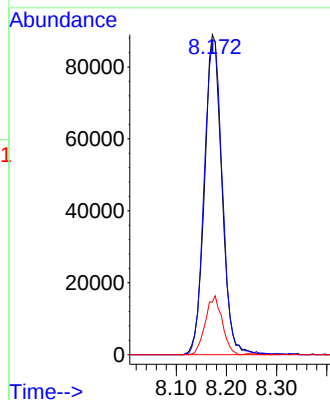
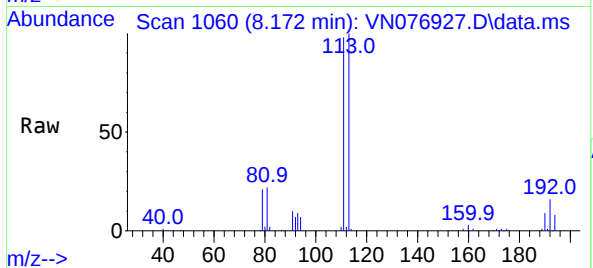




#35
Dibromofluoromethane
Concen: 46.995 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

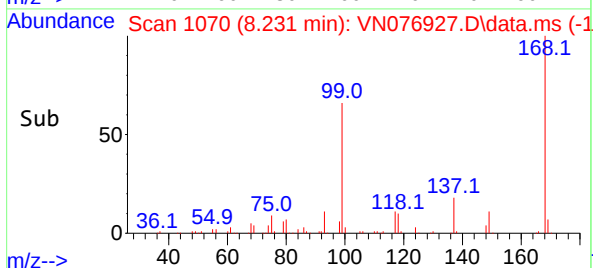
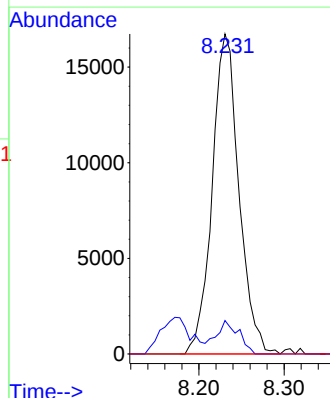
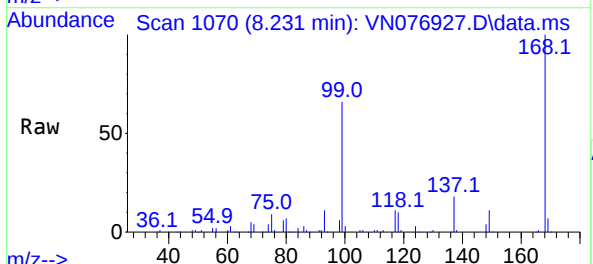
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

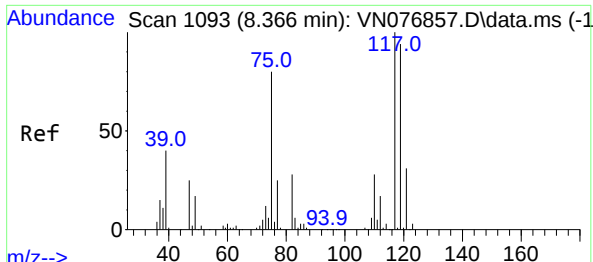
Tgt Ion:113 Resp: 214533
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 17.8 13.9 20.9



#36
1,1-Dichloropropene
Concen: 5.160 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

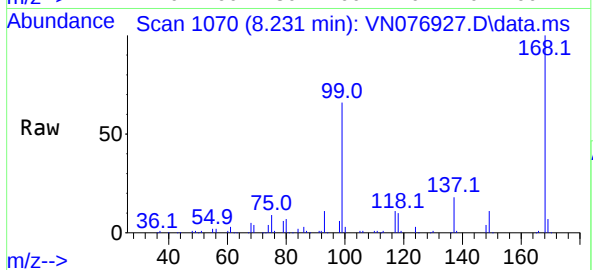
Tgt Ion: 75 Resp: 36433
Ion Ratio Lower Upper
75 100
110 8.8 18.9 56.9#
77 0.0 24.9 37.3#



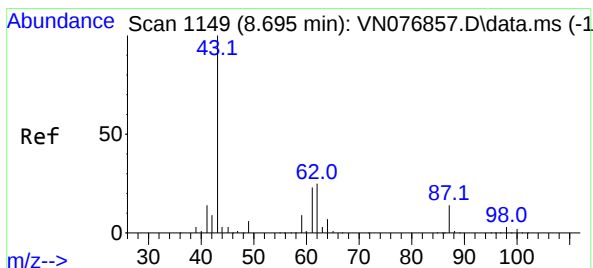
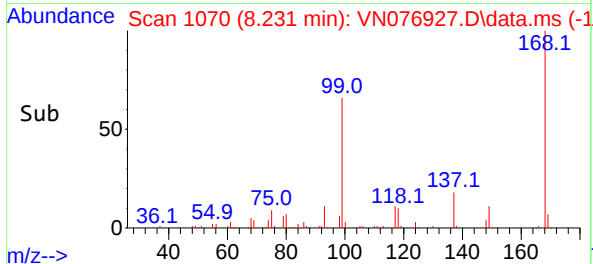
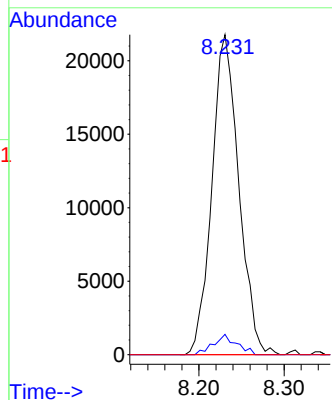


#38
Carbon Tetrachloride
Concen: 5.779 ug/l
RT: 8.231 min Scan# 1168
Delta R.T. -0.141 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

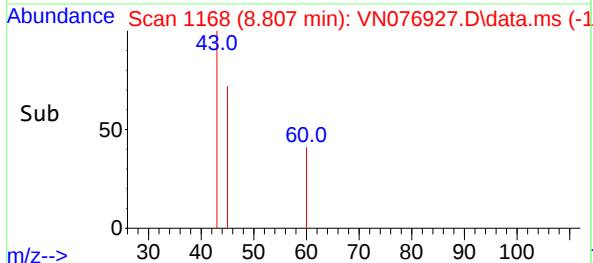
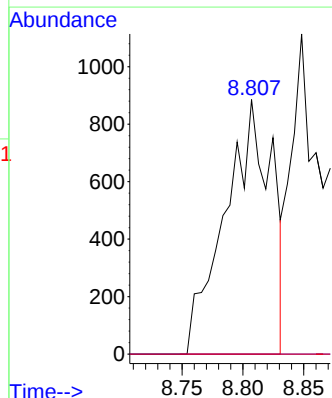
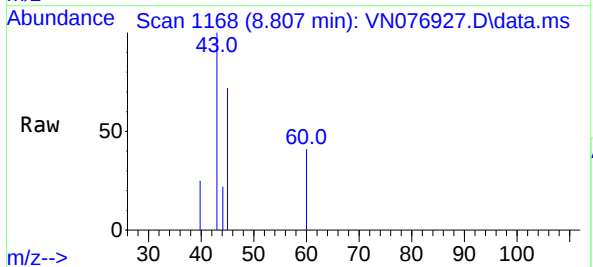


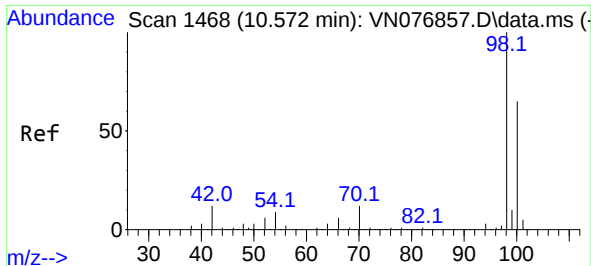
Tgt Ion:117 Resp: 47752
Ion Ratio Lower Upper
117 100
119 6.4 76.9 115.3#
121 0.0 23.2 34.8#



#43
Isopropyl Acetate
Concen: 0.237 ug/l
RT: 8.807 min Scan# 1168
Delta R.T. 0.112 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion: 43 Resp: 2364
Ion Ratio Lower Upper
43 100
61 0.0 26.2 39.2#
87 0.0 14.8 22.2#

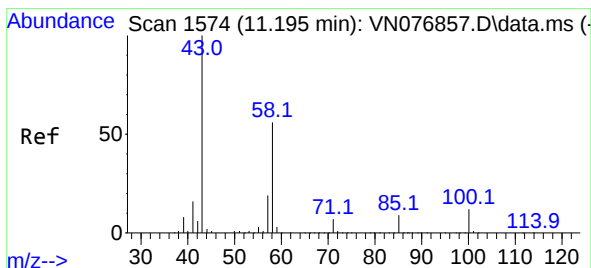
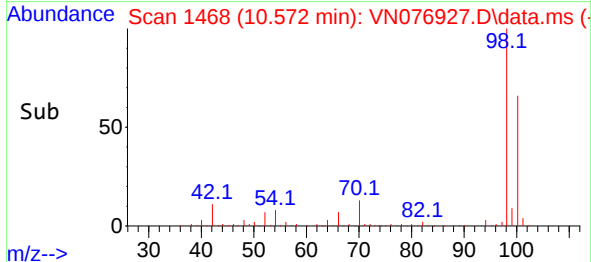
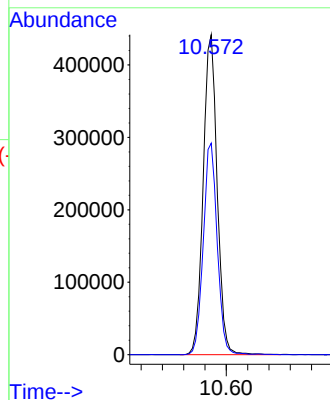
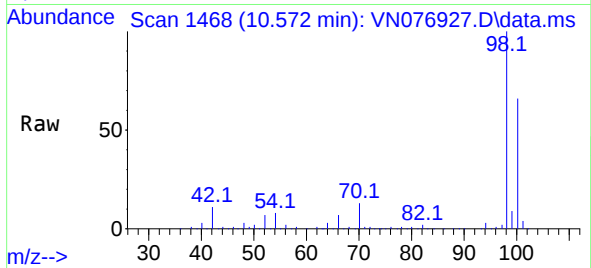




#50
Toluene-d8
Concen: 47.800 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

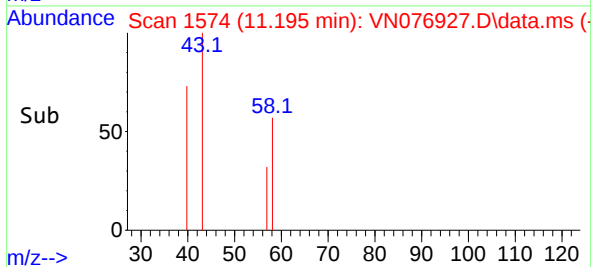
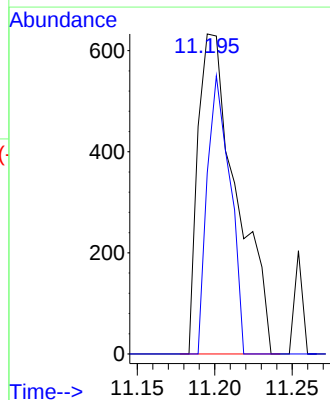
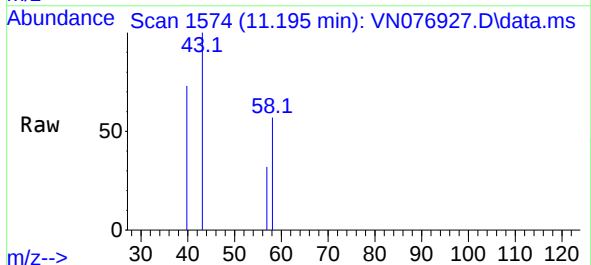
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

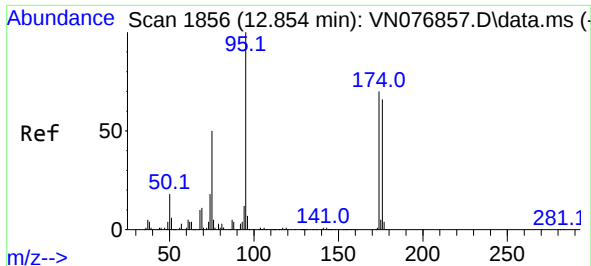
Tgt Ion: 98 Resp: 804208
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



#59
2-Hexanone
Concen: 0.250 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 51.6 32.6 98.0

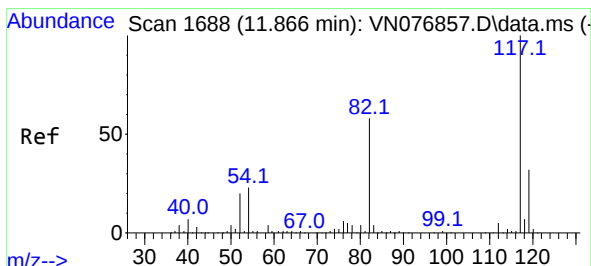
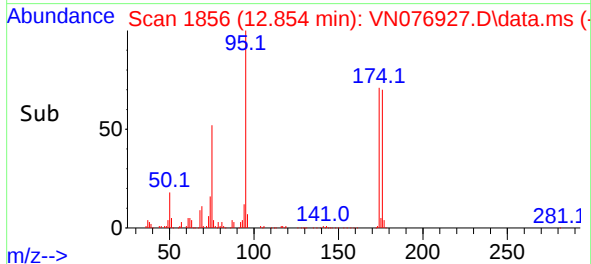
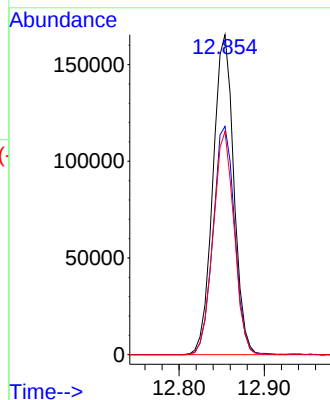
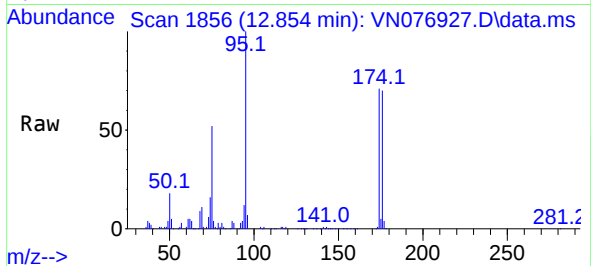




#62
4-Bromofluorobenzene
Concen: 45.710 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

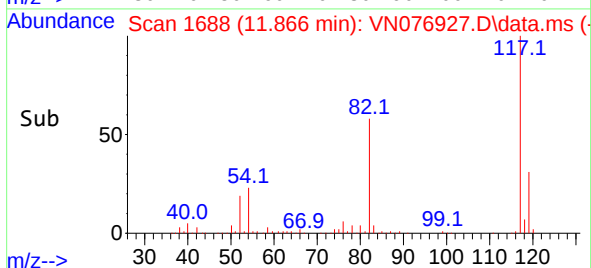
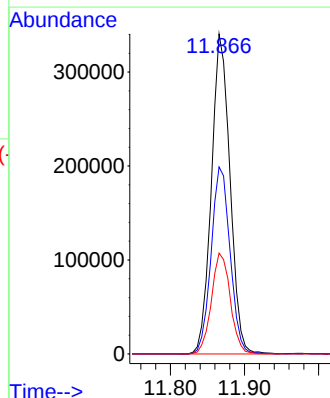
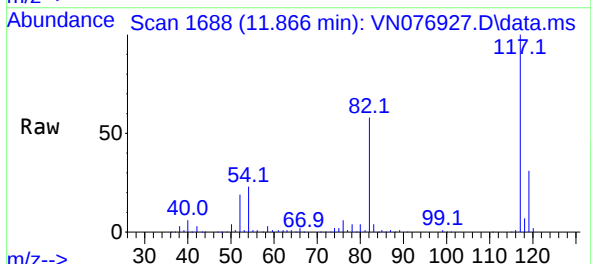
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

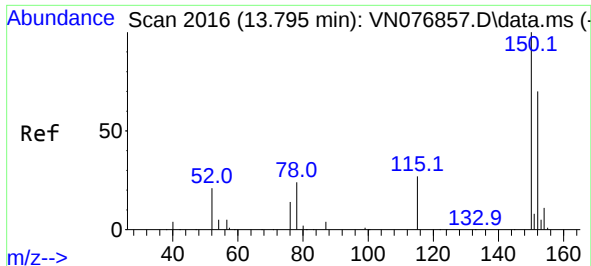
Tgt Ion:	95	Resp:	281288
Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	162.4
176	70.0	0.0	157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion:	117	Resp:	592988
Ion	Ratio	Lower	Upper
117	100		
82	58.4	43.5	65.3
119	31.5	25.5	38.3

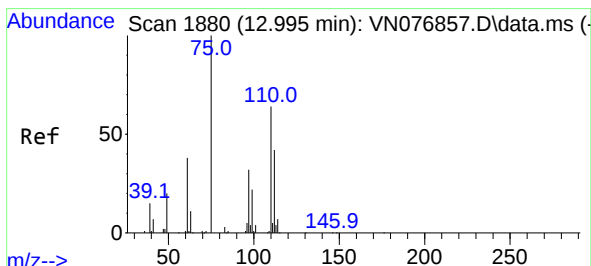
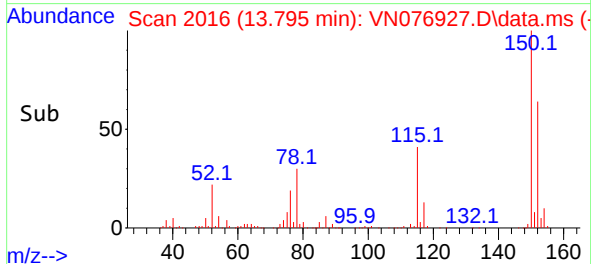
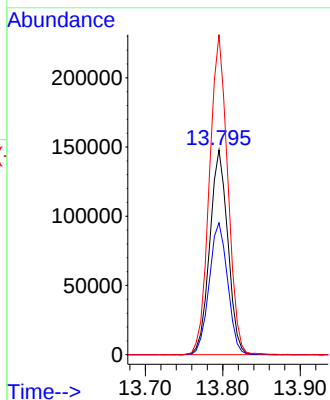
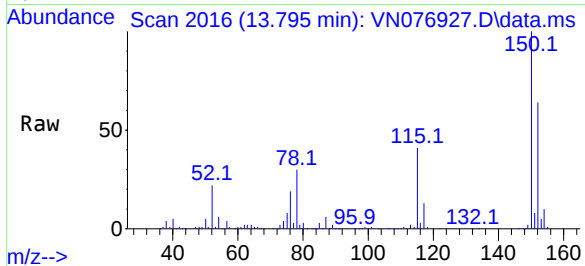




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

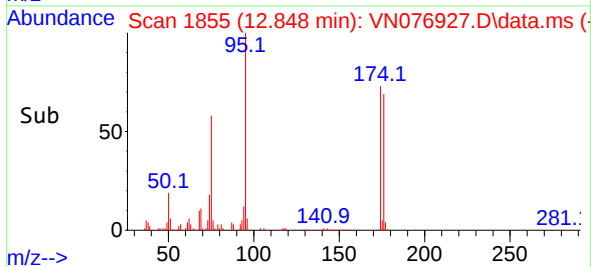
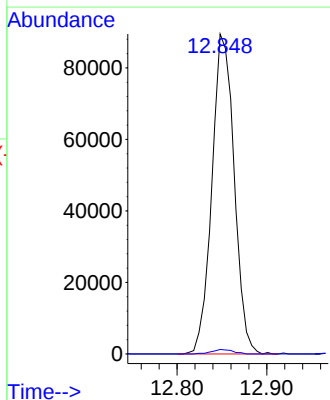
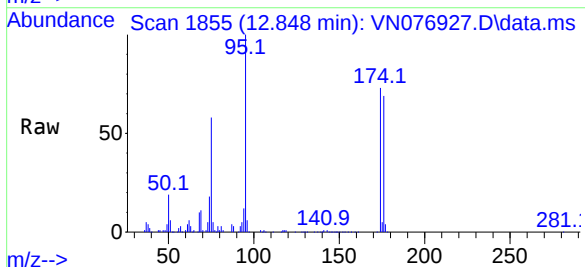
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

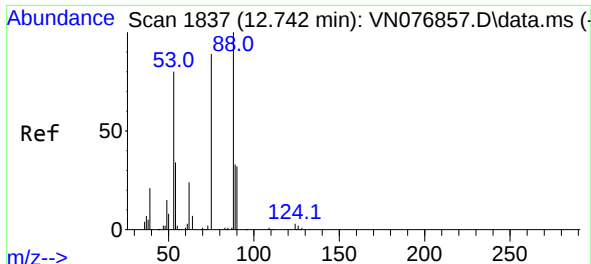
Tgt Ion:152 Resp: 240328
Ion Ratio Lower Upper
152 100
115 65.7 30.3 90.9
150 157.7 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 26.427 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion: 75 Resp: 153982
Ion Ratio Lower Upper
75 100
77 1.4 93.8 281.4#

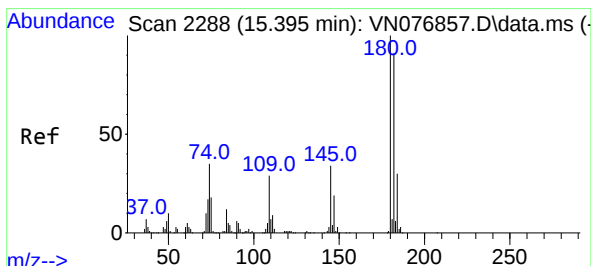
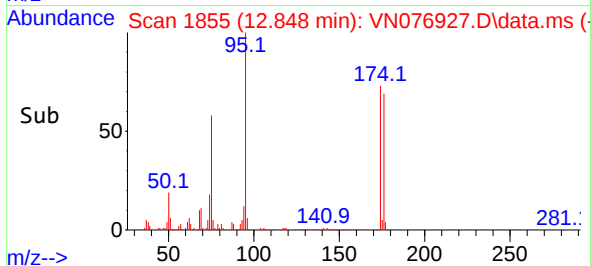
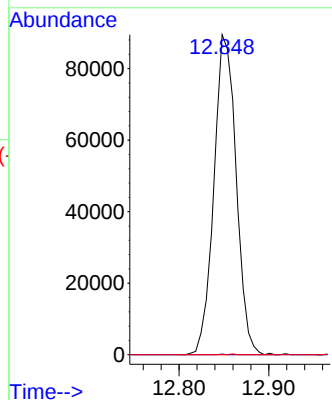
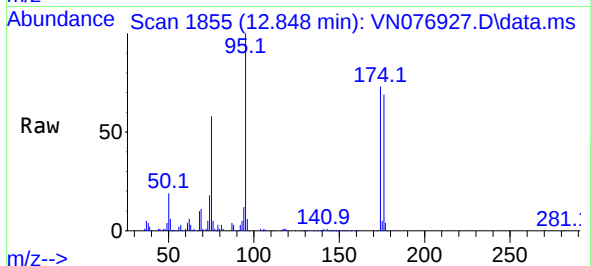




#81
trans-1,4-Dichloro-2-butene
Concen: 86.325 ug/l
RT: 12.848 min Scan# 1837
Delta R.T. 0.106 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

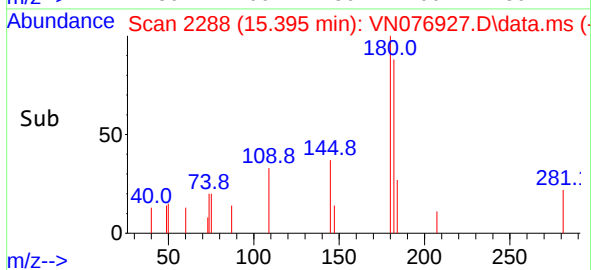
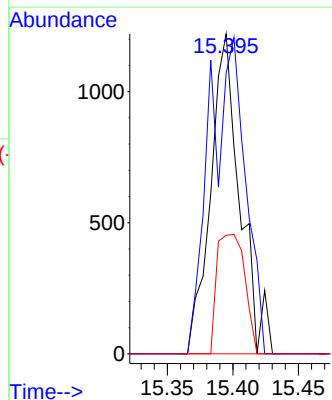
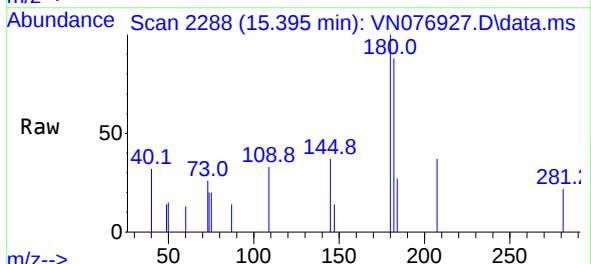
Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

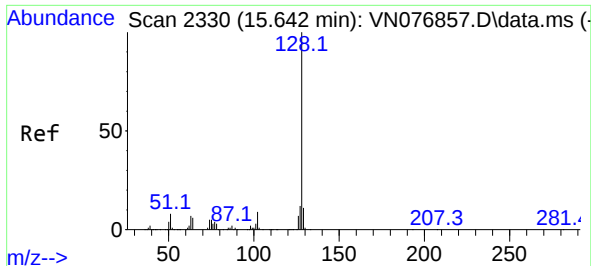
Tgt Ion: 75 Resp: 153982
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.391 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion:180 Resp: 1905
Ion Ratio Lower Upper
180 100
182 120.2 47.4 142.2
145 35.2 15.8 47.3

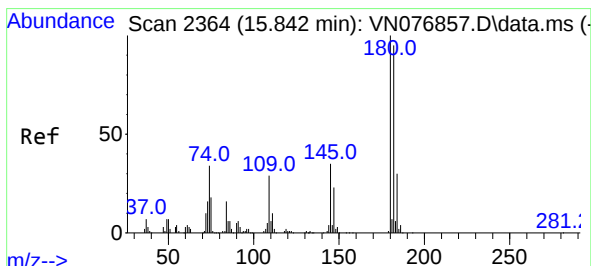
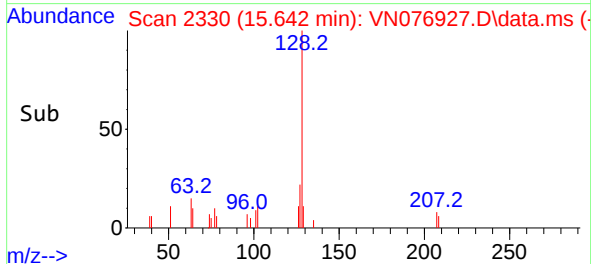
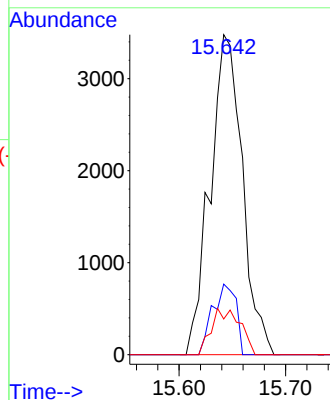
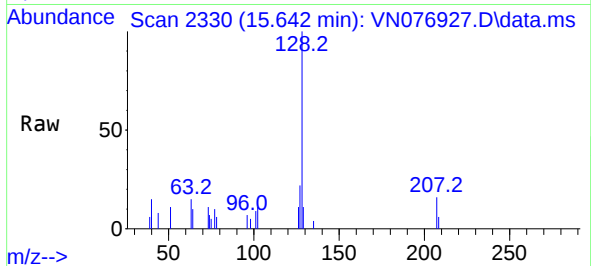




#95
Naphthalene
Concen: 0.503 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Instrument :
MSVOA_N
ClientSampleId :
VN0310WBL01

Tgt Ion:128 Resp: 7301
Ion Ratio Lower Upper
128 100
127 16.0 10.2 15.4#
129 12.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.485 ug/l
RT: 15.854 min Scan# 2366
Delta R.T. 0.012 min
Lab File: VN076927.D
Acq: 10 Mar 2023 16:15

Tgt Ion:180 Resp: 2294
Ion Ratio Lower Upper
180 100
182 87.6 47.7 143.1
145 15.1 17.0 51.0#

