

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077142.D
 Acq On : 23 Mar 2023 12:05
 Operator : JC\MD
 Sample : VN0323WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0323WBL01

Quant Time: Mar 24 01:33:16 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)

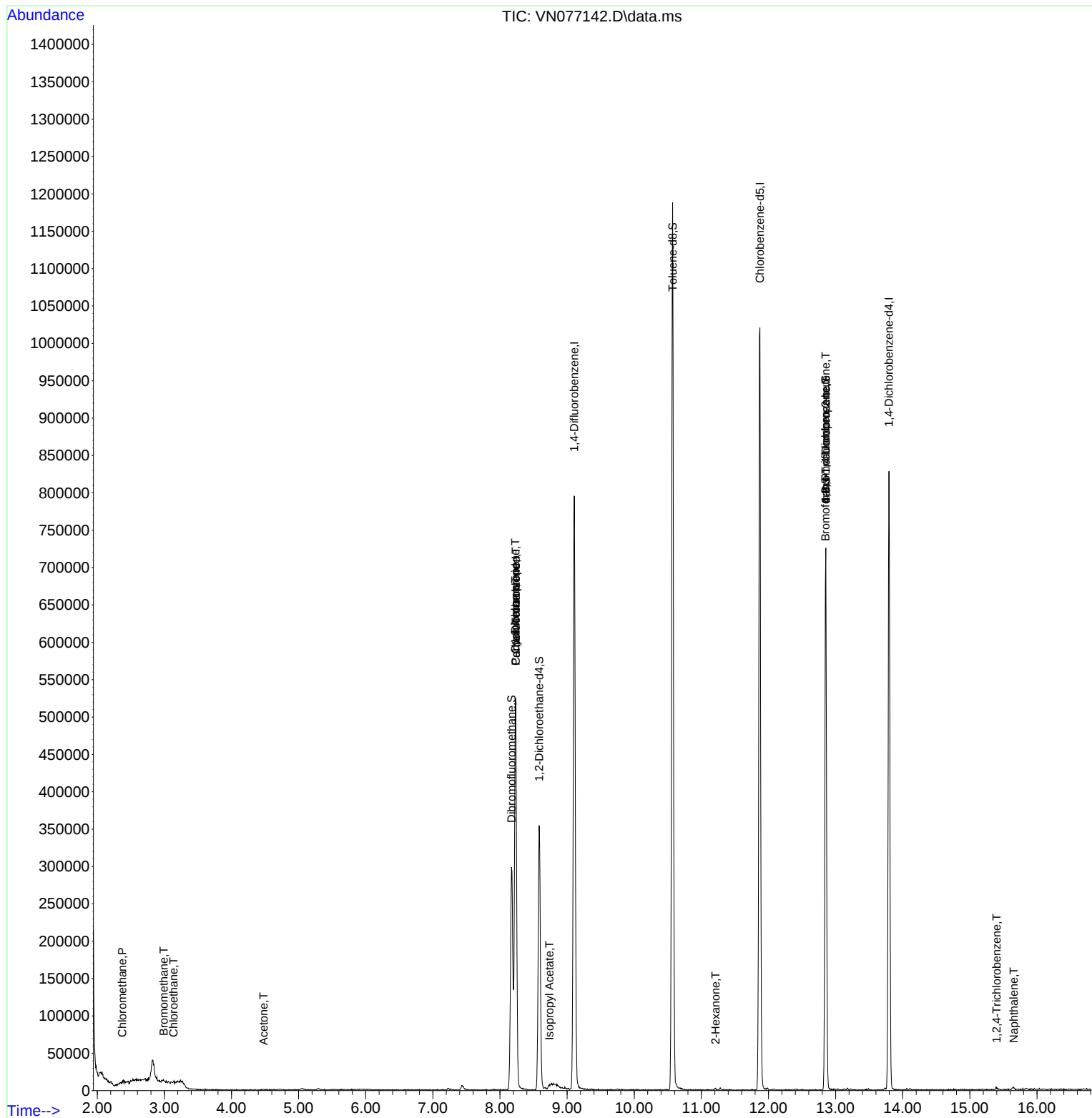
Internal Standards						
1) Pentafluorobenzene	8.236	168	366942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	649755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	566685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	207294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	282397	48.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.360%		
35) Dibromofluoromethane	8.172	113	213480	46.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.840%		
50) Toluene-d8	10.572	98	798739	49.140	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.280%		
62) 4-Bromofluorobenzene	12.854	95	229264	39.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.840%#		
Target Compounds						Qvalue
3) Chloromethane	2.372	50	1107	0.299	ug/l	98
5) Bromomethane	2.990	94	2109	0.782	ug/l	93
6) Chloroethane	3.137	64	724	0.287	ug/l #	78
16) Acetone	4.478	43	1560	0.597	ug/l #	43
31) Cyclohexane	8.230	56	10501	1.095	ug/l #	25
36) 1,1-Dichloropropene	8.230	75	33928	4.774	ug/l #	53
38) Carbon Tetrachloride	8.236	117	41329	5.970	ug/l #	19
43) Isopropyl Acetate	8.736	43	3705	0.312	ug/l #	56
59) 2-Hexanone	11.213	43	1610	0.300	ug/l	88
71) Bromoform	12.848	173	1637	0.501	ug/l #	28
76) 1,2,3-Trichloropropane	12.854	75	134837	25.147	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	134837	69.219	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.401	180	1014	0.286	ug/l	77
95) Naphthalene	15.654	128	3399	2.149	ug/l #	90

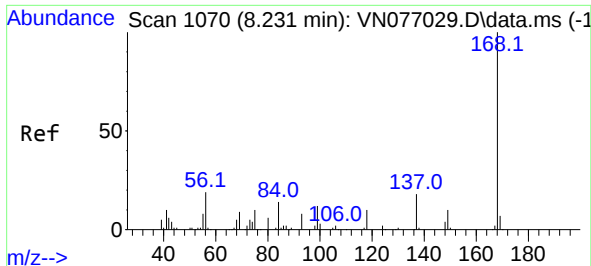
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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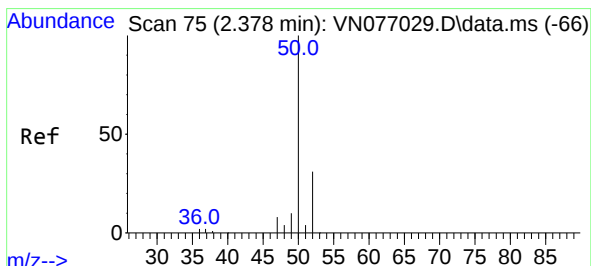
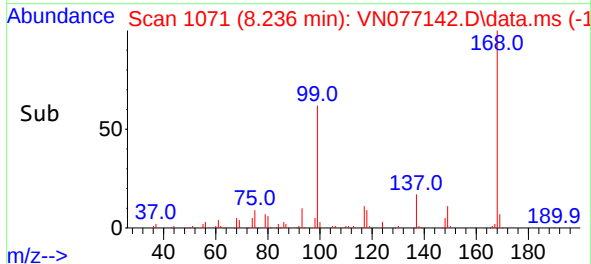
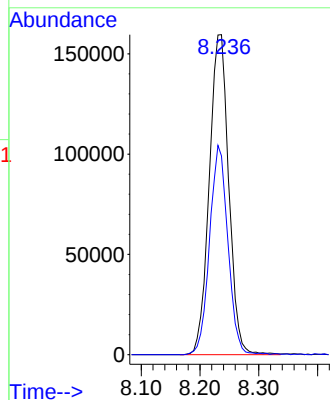
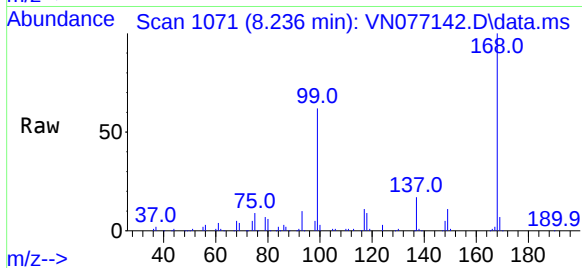




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

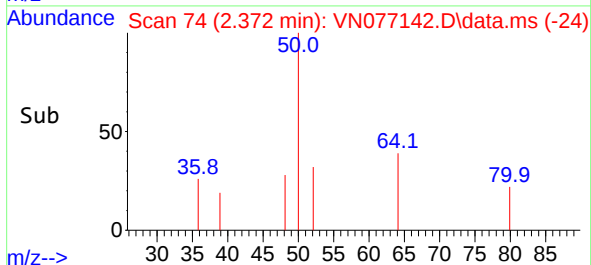
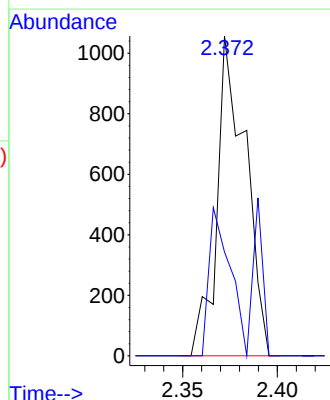
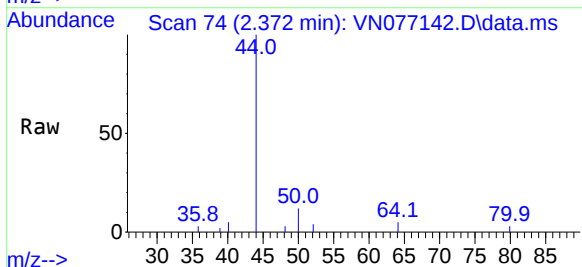
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

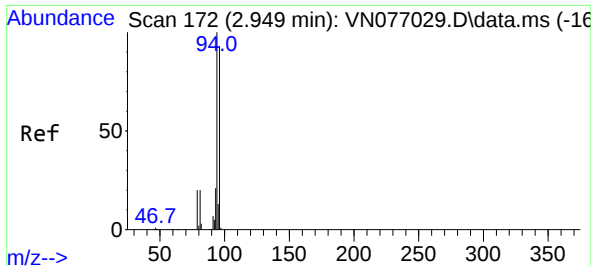
Tgt Ion:168 Resp: 366942
Ion Ratio Lower Upper
168 100
99 62.1 53.9 80.9



#3
Chloromethane
Concen: 0.299 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion: 50 Resp: 1107
Ion Ratio Lower Upper
50 100
52 32.5 25.1 37.7

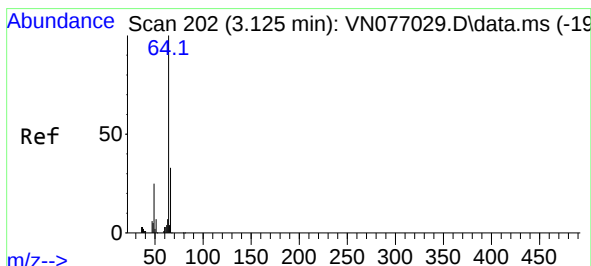
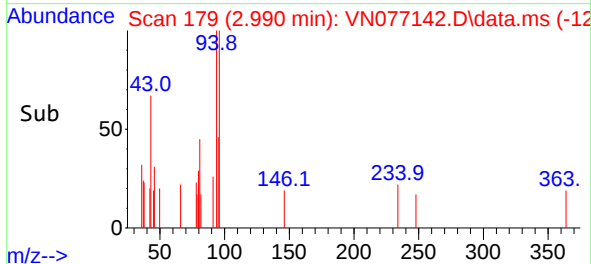
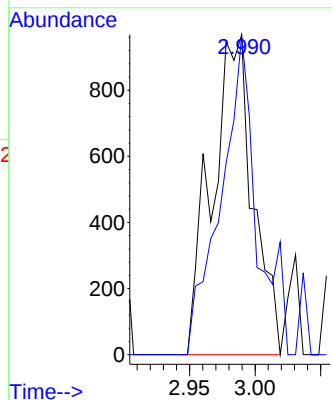
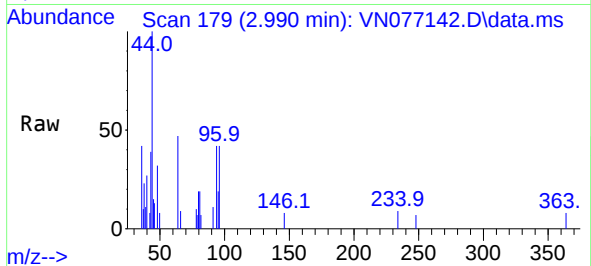




#5
Bromomethane
Concen: 0.782 ug/l
RT: 2.990 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

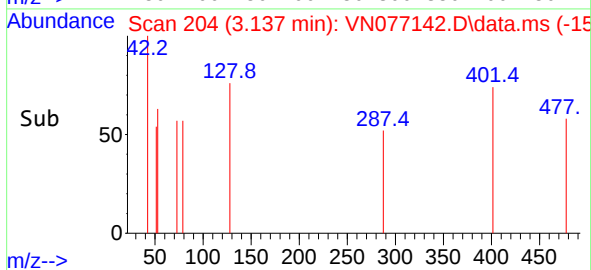
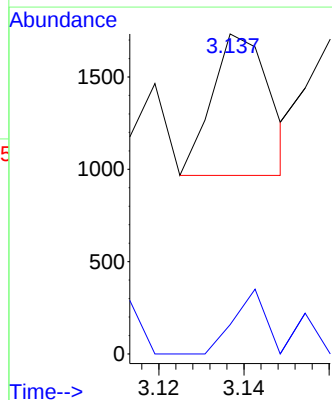
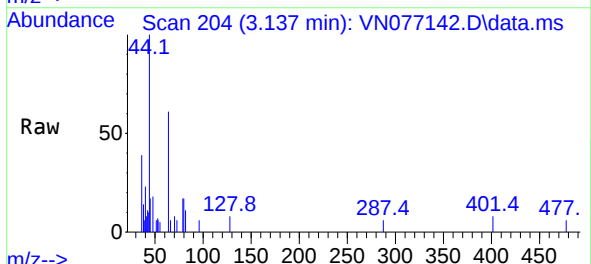
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

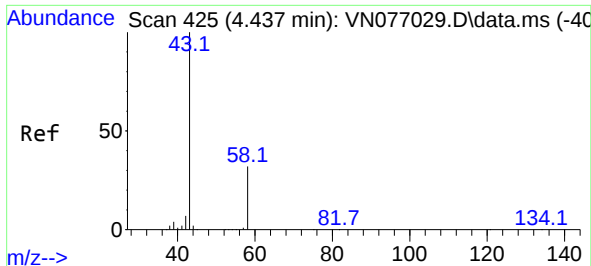
Tgt Ion: 94 Resp: 2109
Ion Ratio Lower Upper
94 100
96 99.7 74.1 111.1



#6
Chloroethane
Concen: 0.287 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion: 64 Resp: 724
Ion Ratio Lower Upper
64 100
66 20.8 26.3 39.5#

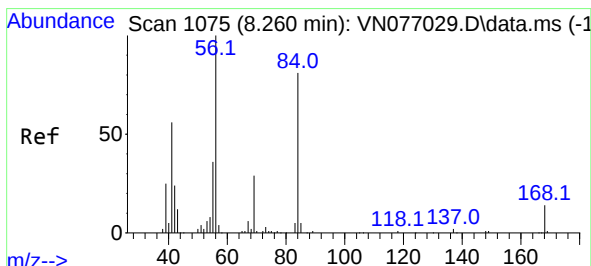
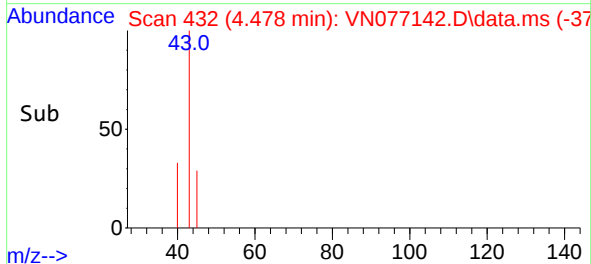
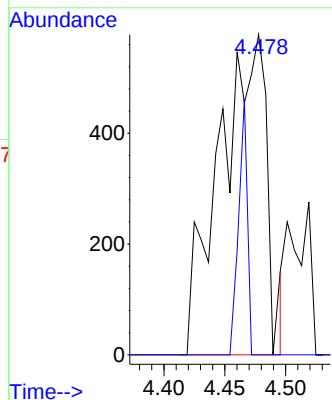
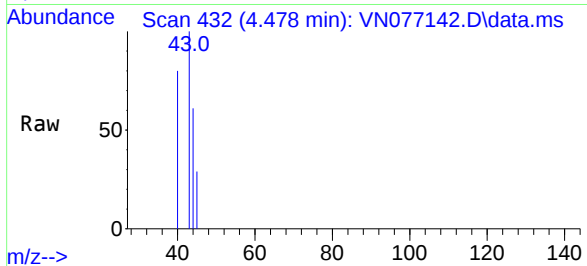




#16
Acetone
Concen: 0.597 ug/l
RT: 4.478 min Scan# 41
Delta R.T. 0.041 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

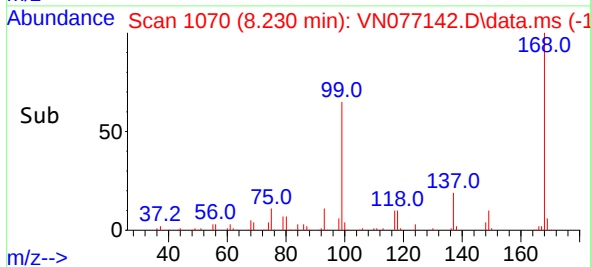
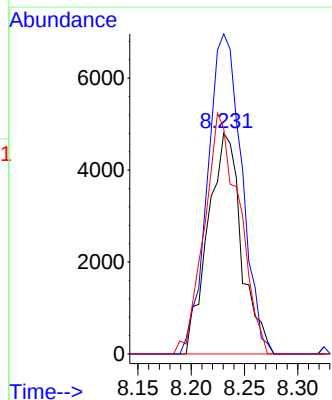
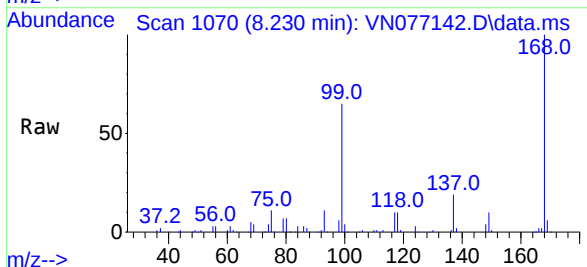
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

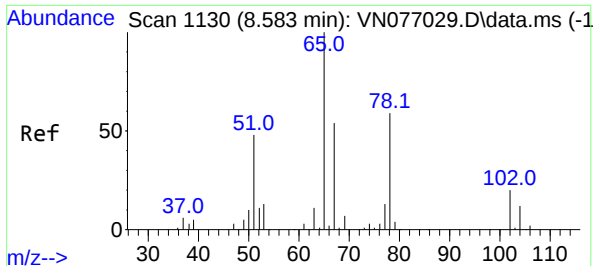
Tgt Ion: 43 Resp: 1560
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.030 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion: 56 Resp: 10501
Ion Ratio Lower Upper
56 100
69 144.9 22.8 34.2#
84 102.2 64.7 97.1#

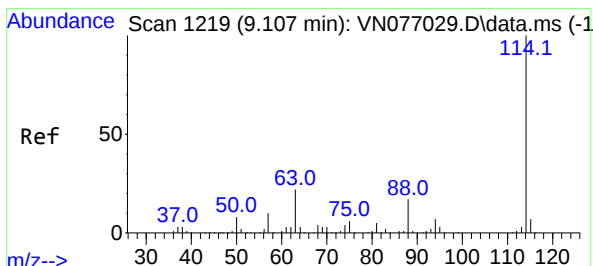
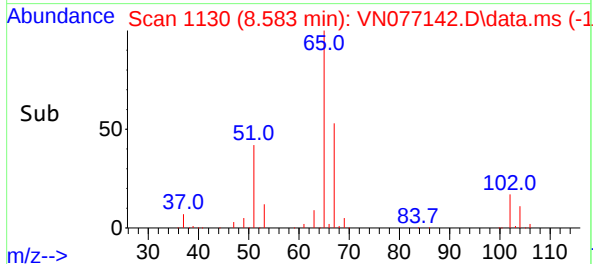
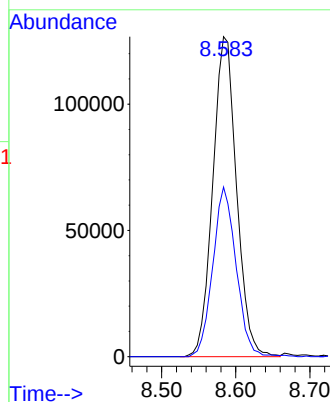
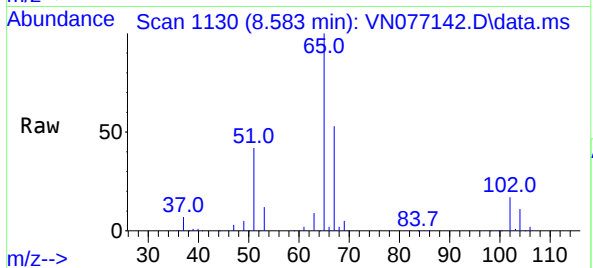




#33
1,2-Dichloroethane-d4
Concen: 48.180 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

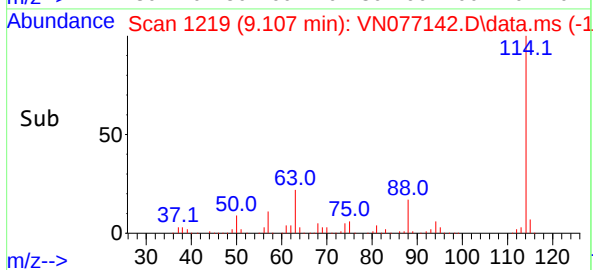
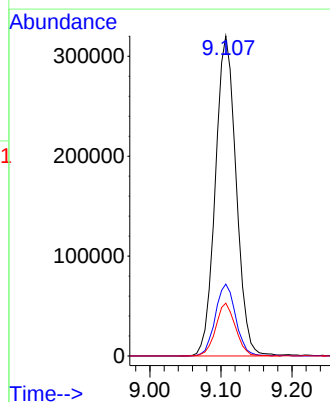
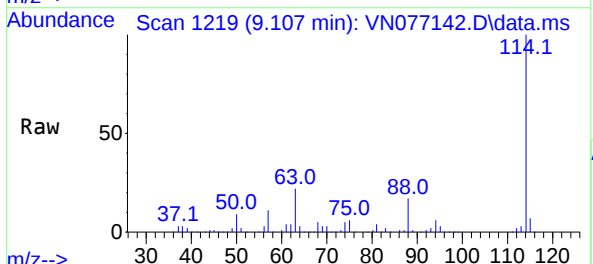
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ClientSampleId :
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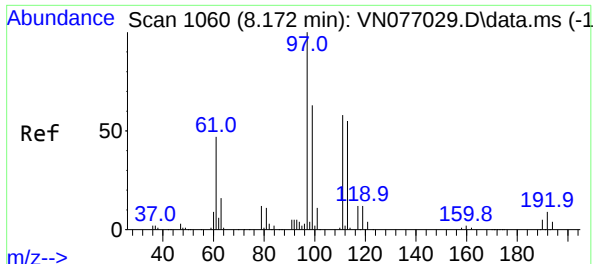
Tgt Ion: 65 Resp: 282397
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion: 114 Resp: 649755
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.6
88 16.5 0.0 33.8

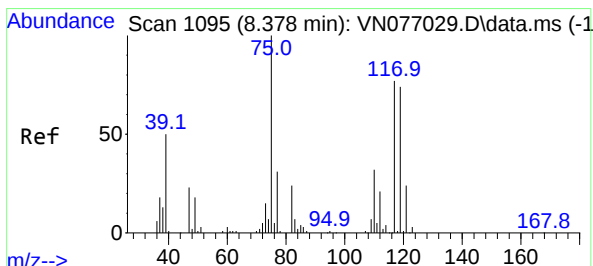
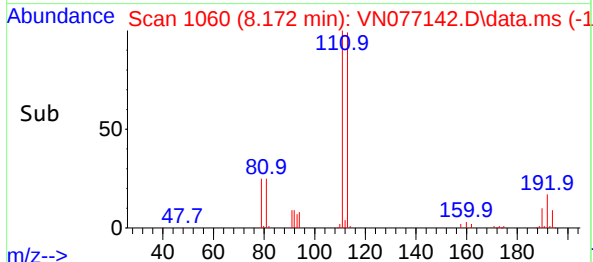
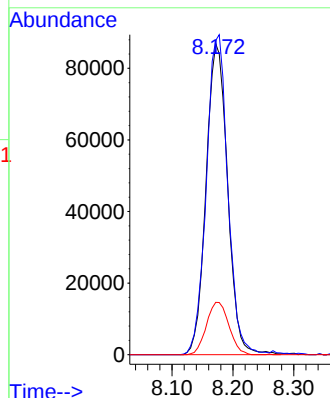
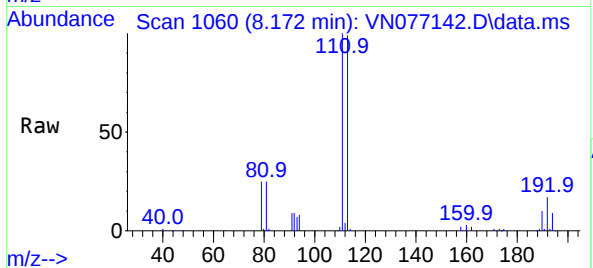




#35
Dibromofluoromethane
Concen: 46.915 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

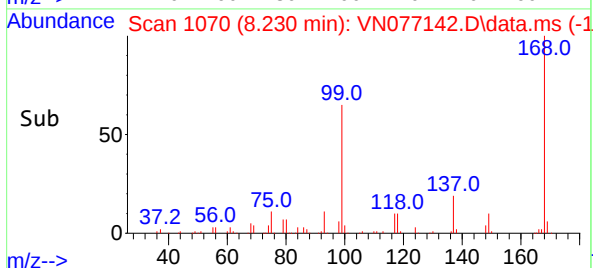
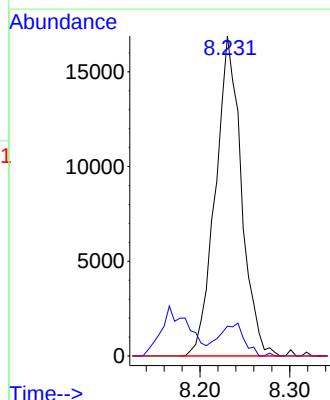
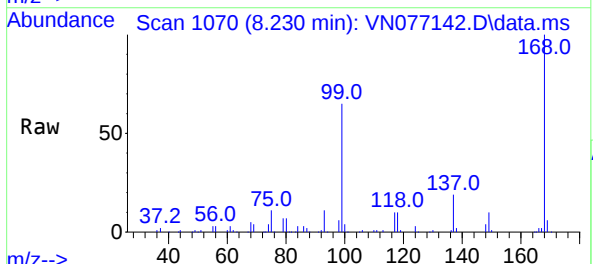
Instrument :
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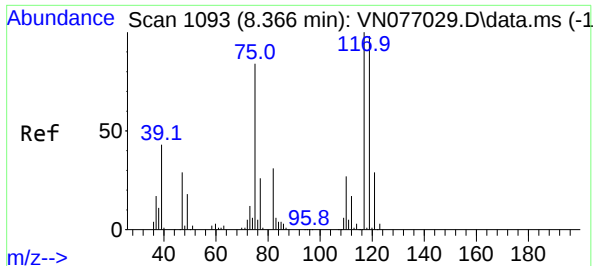
Tgt Ion:113 Resp: 213480
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 17.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.774 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

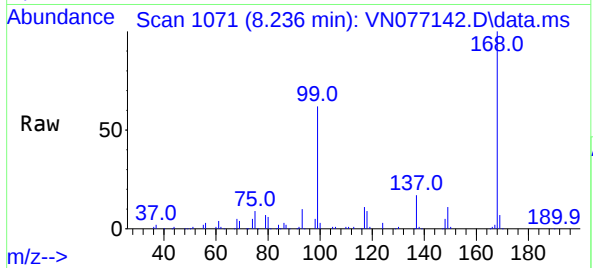
Tgt Ion: 75 Resp: 33928
Ion Ratio Lower Upper
75 100
110 9.9 15.9 47.7#
77 0.0 24.3 36.5#



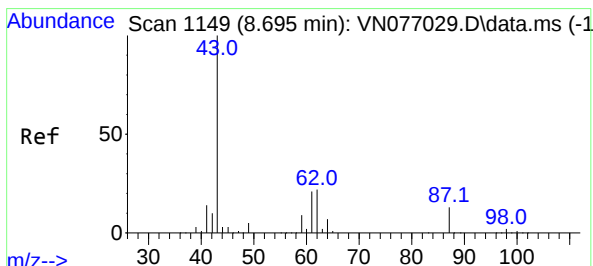
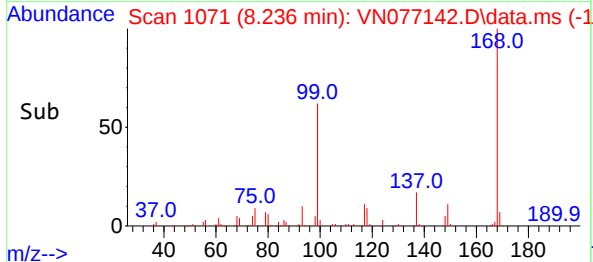
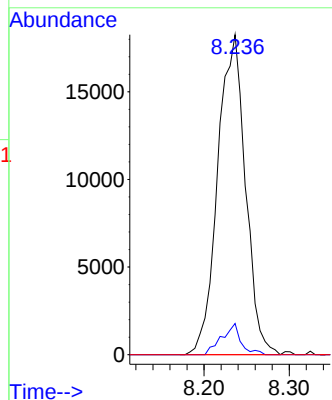


#38
Carbon Tetrachloride
Concen: 5.970 ug/l
RT: 8.236 min Scan# 1156
Delta R.T. -0.129 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

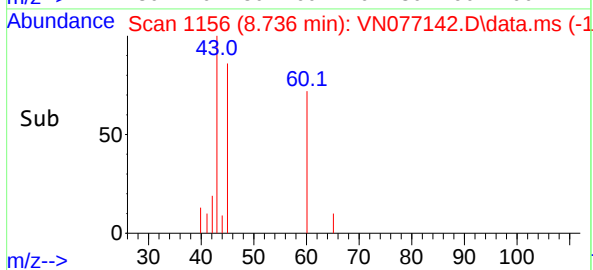
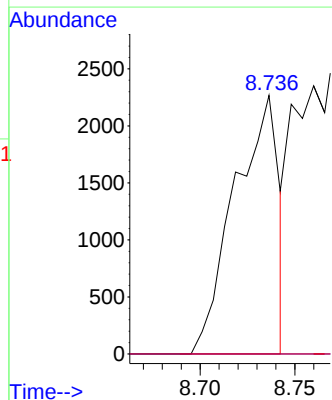
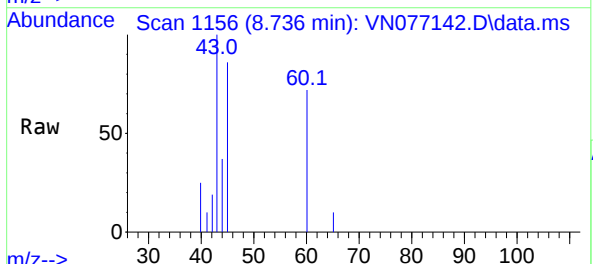


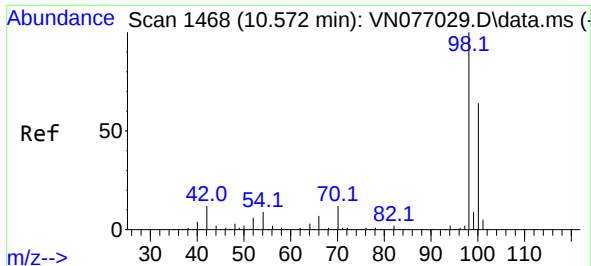
Tgt Ion:117 Resp: 41329
Ion Ratio Lower Upper
117 100
119 9.8 78.2 117.2#
121 0.0 23.2 34.8#



#43
Isopropyl Acetate
Concen: 0.312 ug/l
RT: 8.736 min Scan# 1156
Delta R.T. 0.041 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion: 43 Resp: 3705
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 10.0 15.0#

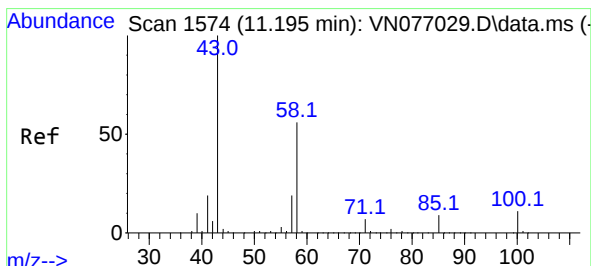
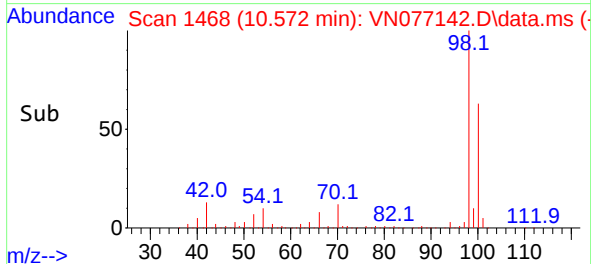
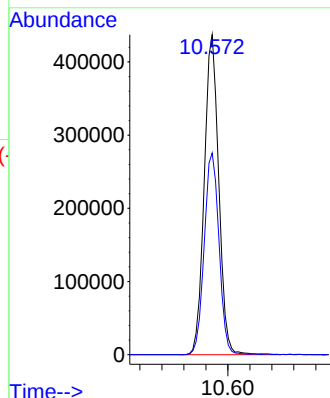
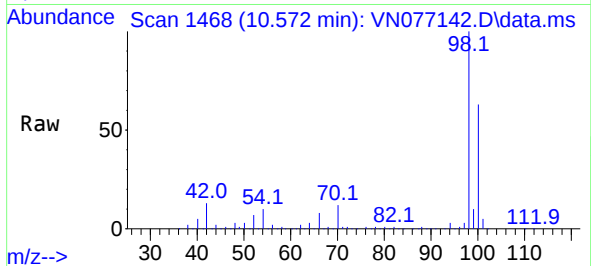




#50
Toluene-d8
Concen: 49.140 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

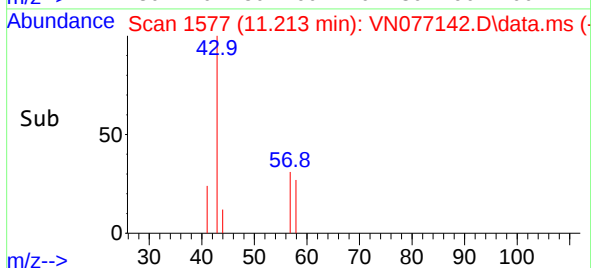
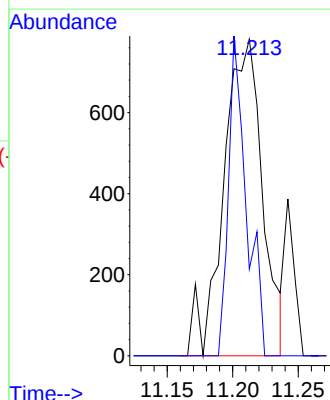
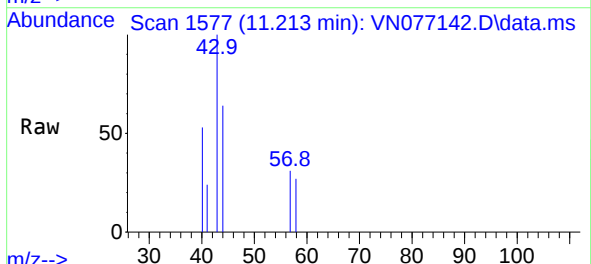
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

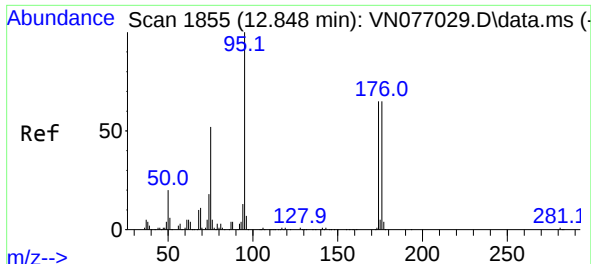
Tgt Ion: 98 Resp: 798739
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#59
2-Hexanone
Concen: 0.300 ug/l
RT: 11.213 min Scan# 1577
Delta R.T. 0.018 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion: 43 Resp: 1610
Ion Ratio Lower Upper
43 100
58 46.5 27.7 83.1

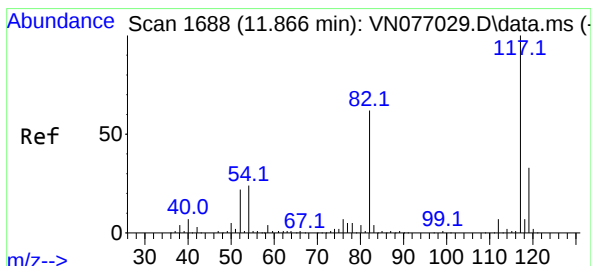
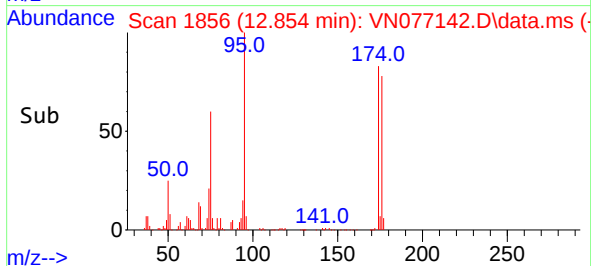
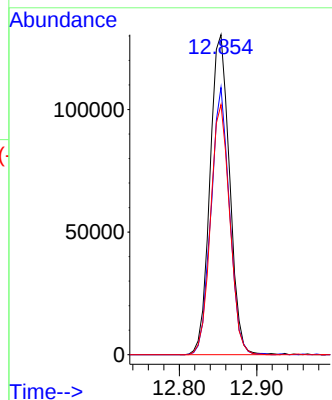
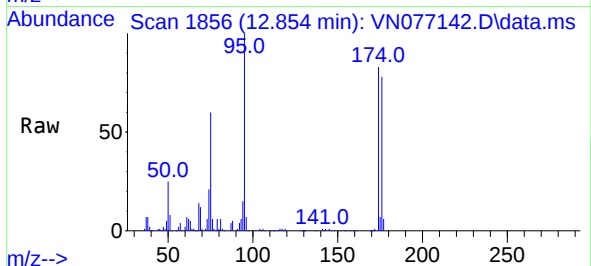




#62
4-Bromofluorobenzene
Concen: 39.916 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

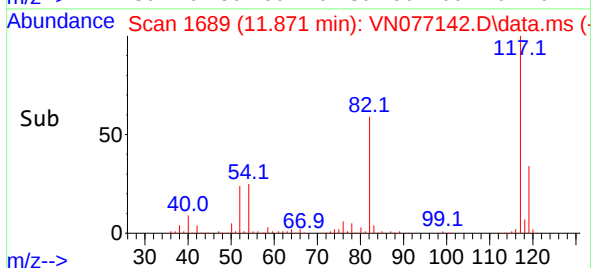
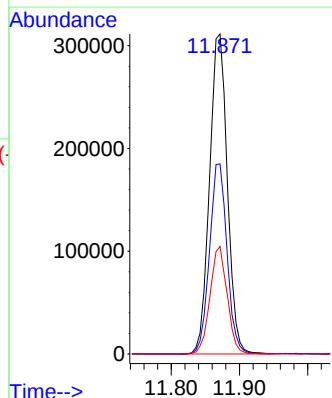
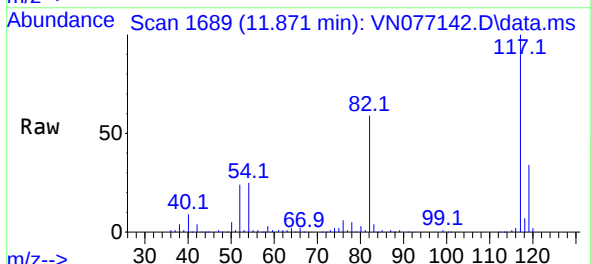
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

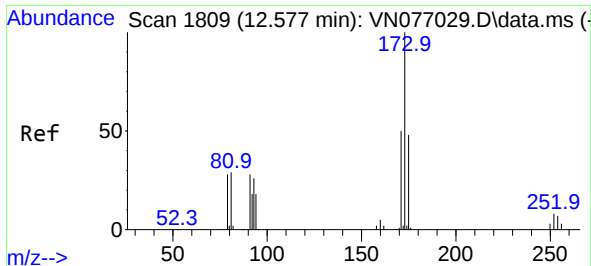
Tgt Ion:	95	Resp:	229264
Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	136.6
176	76.3	0.0	130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion:	117	Resp:	566685
Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.4	74.0
119	33.6	26.5	39.7

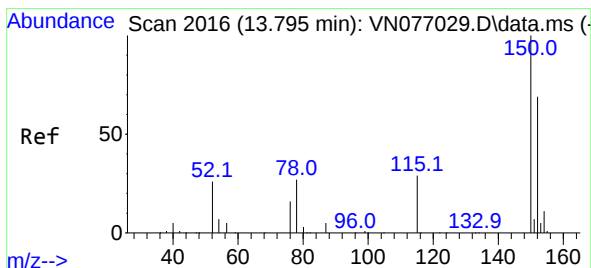
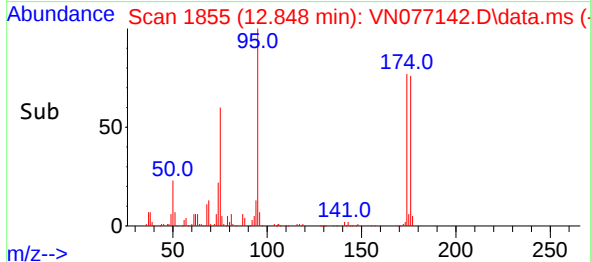
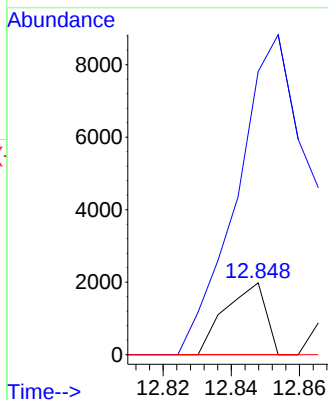
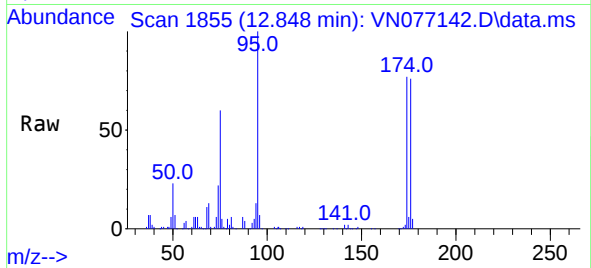




#71
Bromoform
Concen: 0.501 ug/l
RT: 12.848 min Scan# 1809
Delta R.T. 0.271 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

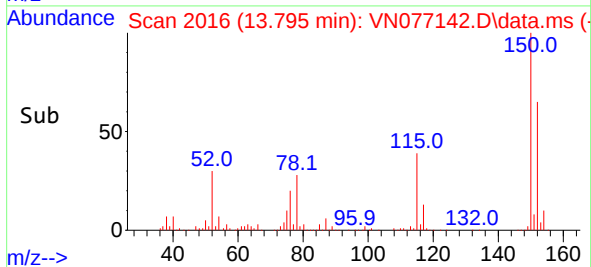
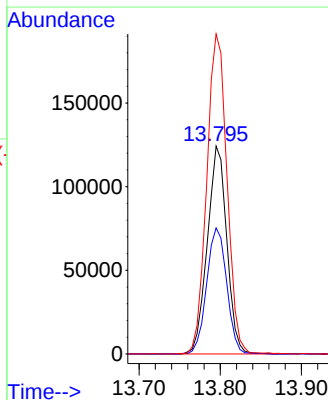
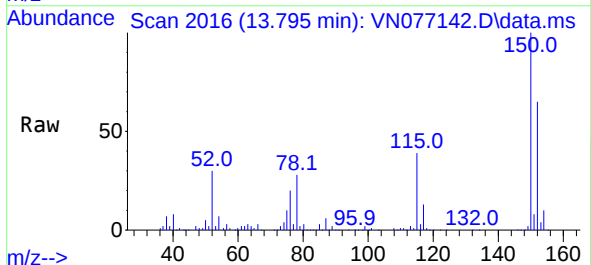
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

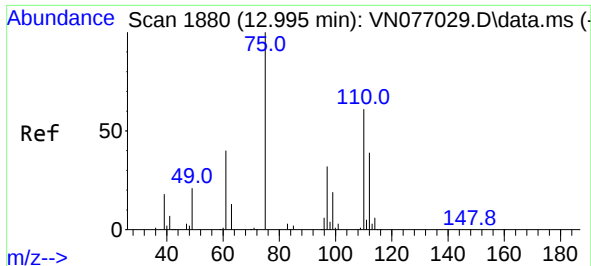
Tgt Ion:173 Resp: 1637
Ion Ratio Lower Upper
173 100
175 0.0 24.5 73.5#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion:152 Resp: 207294
Ion Ratio Lower Upper
152 100
115 62.3 31.9 95.7
150 159.7 0.0 348.0

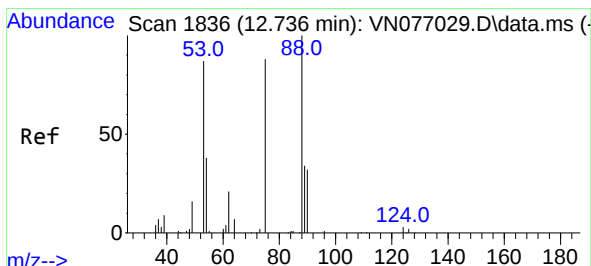
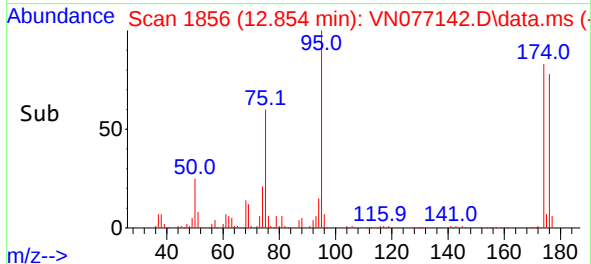
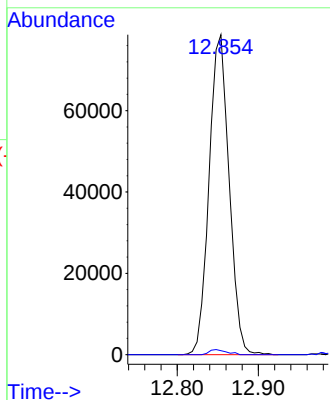
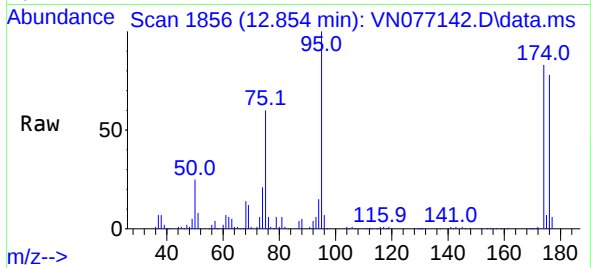




#76
1,2,3-Trichloropropane
Concen: 25.147 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

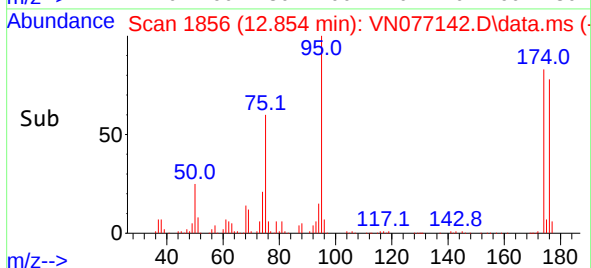
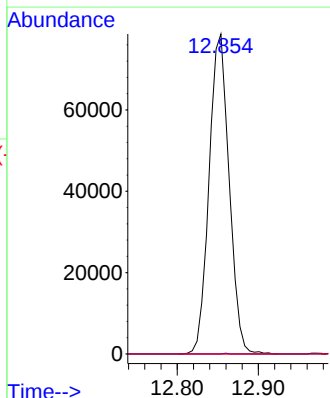
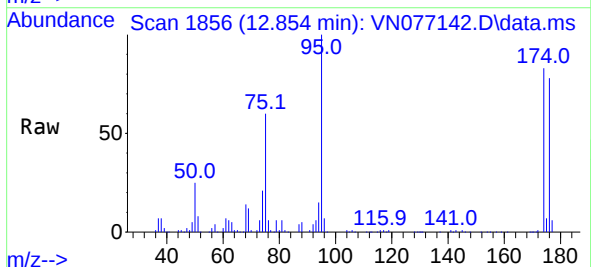
Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

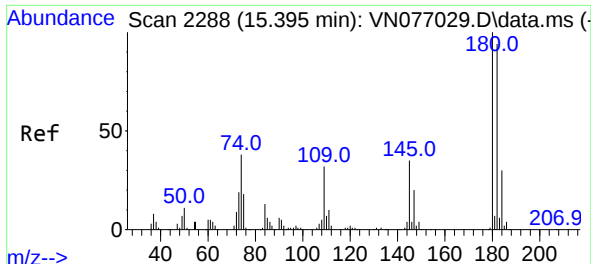
Tgt Ion: 75 Resp: 134837
Ion Ratio Lower Upper
75 100
77 1.4 107.3 322.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.219 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion: 75 Resp: 134837
Ion Ratio Lower Upper
75 100
53 0.0 80.8 121.2#
89 0.0 34.2 51.4#

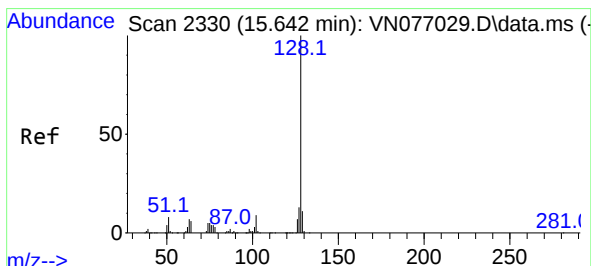
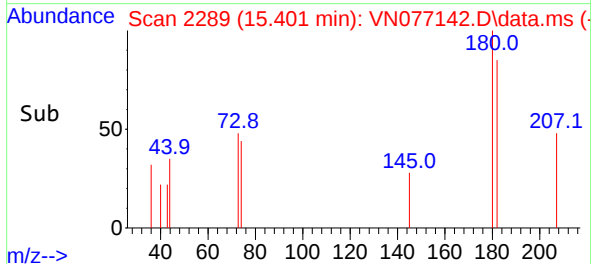
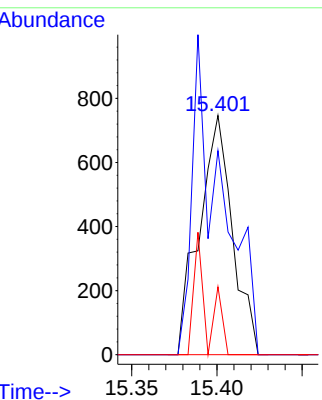
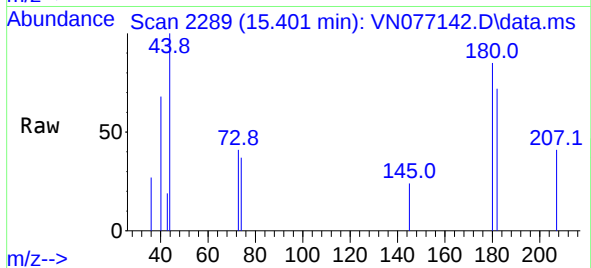




#93
1,2,4-Trichlorobenzene
Concen: 0.286 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN0323WBL01

Tgt Ion:180 Resp: 1014
Ion Ratio Lower Upper
180 100
182 116.3 47.3 141.9
145 20.7 16.9 50.7



#95
Naphthalene
Concen: 2.149 ug/l
RT: 15.654 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN077142.D
Acq: 23 Mar 2023 12:05

Tgt Ion:128 Resp: 3399
Ion Ratio Lower Upper
128 100
127 6.8 10.0 15.0#
129 12.3 8.6 13.0

