

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076104.D
 Acq On : 05 Jan 2023 11:36
 Operator : JC\MD
 Sample : VN0105WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBL01

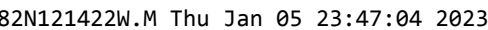
Quant Time: Jan 05 23:46:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

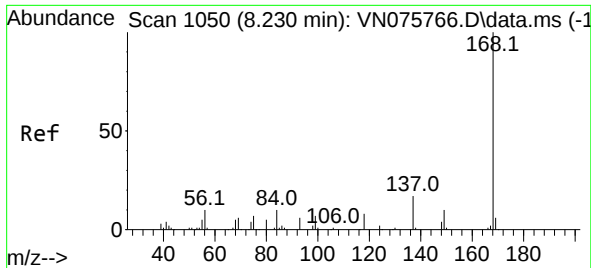
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	329623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	436310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	171642	47.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.720%		
35) Dibromofluoromethane	8.177	113	154348	48.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.060%		
50) Toluene-d8	10.571	98	587907	49.441	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.880%		
62) 4-Bromofluorobenzene	12.853	95	177516	45.073	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	754	0.259	ug/l	97
20) Methylene Chloride	5.289	84	1431	Below Cal	#	66
31) Cyclohexane	8.230	56	6077	1.183	ug/l #	16
36) 1,1-Dichloropropene	8.235	75	22687	5.370	ug/l #	50
38) Carbon Tetrachloride	8.230	117	32869	6.951	ug/l #	16
43) Isopropyl Acetate	8.777	43	2887	0.516	ug/l #	50
59) 2-Hexanone	11.194	43	520	0.211	ug/l #	38
76) 1,2,3-Trichloropropane	12.853	75	89475	24.956	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	89475	89.828	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.394	180	936	0.319	ug/l #	85
95) Naphthalene	15.647	128	3998	2.573	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	1072	0.391	ug/l #	89

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

Quant Time: Jan 05 23:46:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

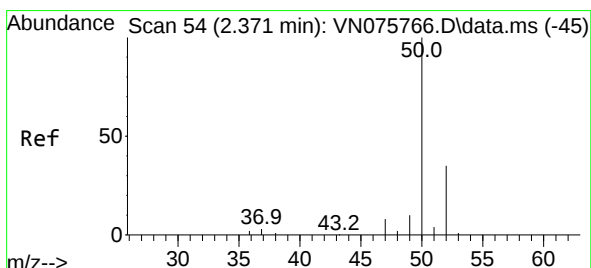
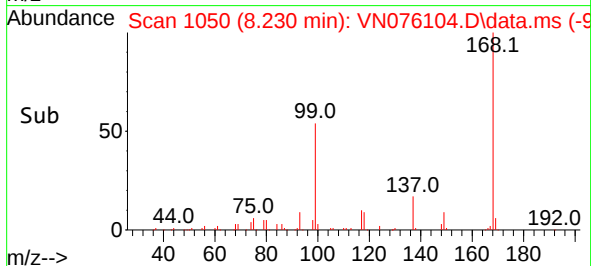
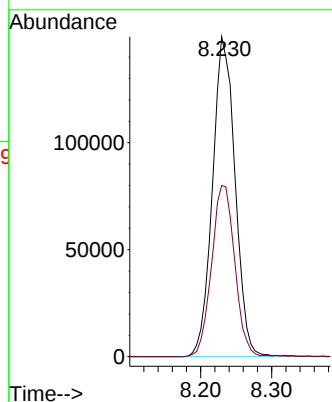
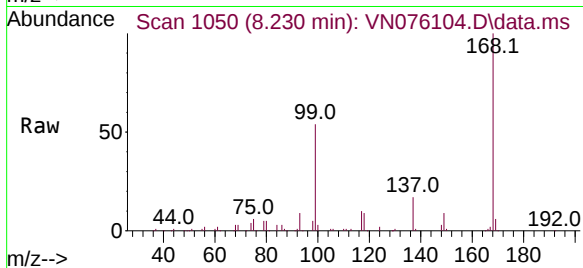




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

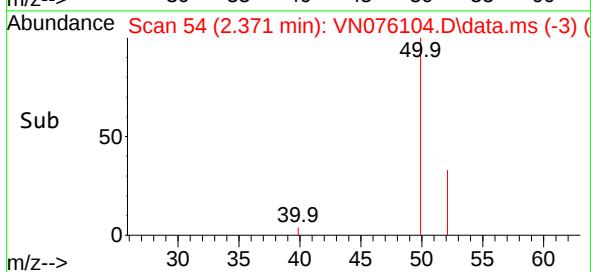
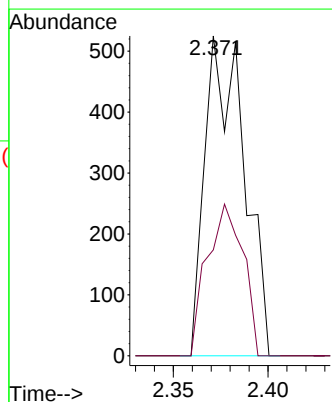
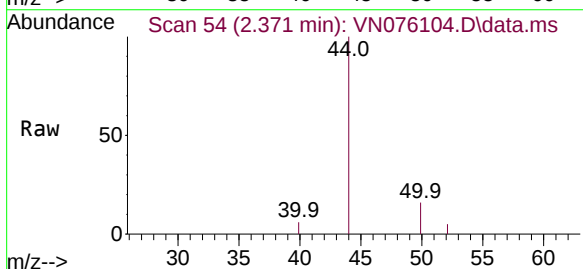
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBL01

Tgt Ion:168 Resp: 329623
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#3
Chloromethane
Concen: 0.259 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

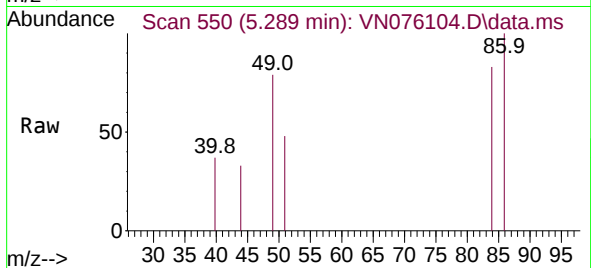
Tgt Ion: 50 Resp: 754
Ion Ratio Lower Upper
50 100
52 33.1 27.7 41.5



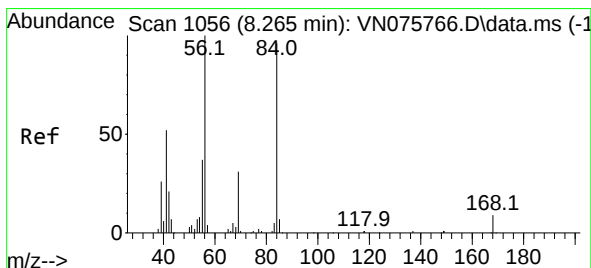
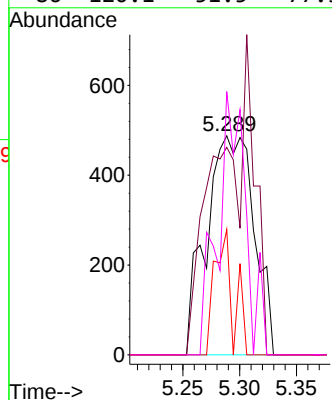


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

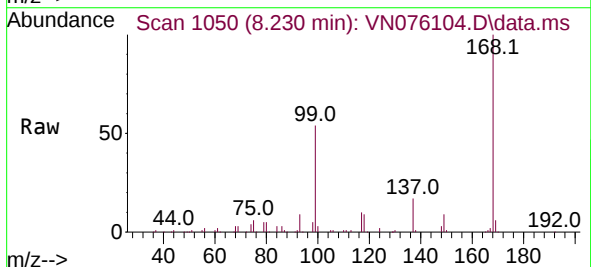
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBL01



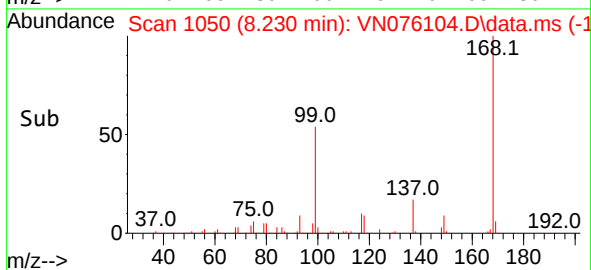
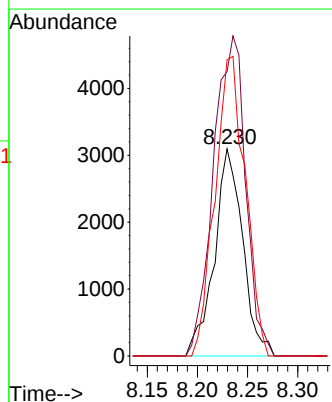
Tgt Ion: 84	Resp: 1431
Ion Ratio	Lower Upper
84 100	
49 94.7	81.8 122.6
51 57.2	26.7 40.1#
86 120.1	51.5 77.3#



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36



Tgt Ion: 56	Resp: 6077		
Ion Ratio	Lower	Upper	
56	100		
69	137.4	24.7	37.1#
84	143.0	76.5	114.7#





#33

1,2-Dichloroethane-d4

Concen: 47.865 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076104.D

Acq: 05 Jan 2023 11:36

Instrument :

MSVOA_N

ClientSampleId :

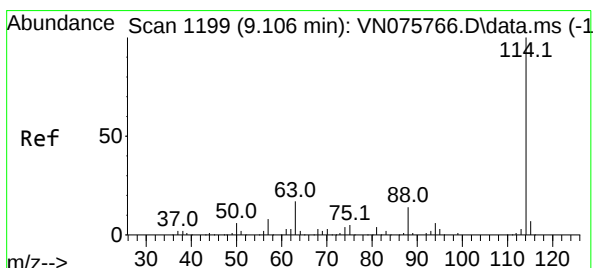
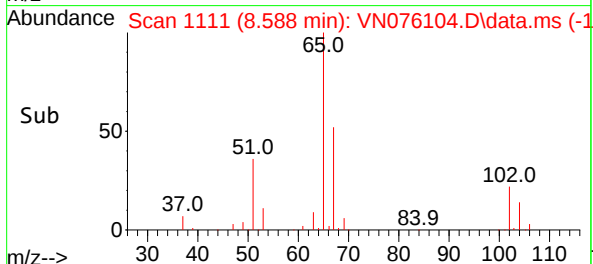
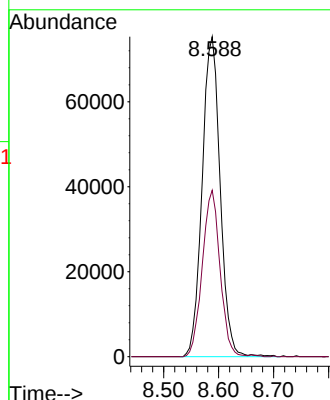
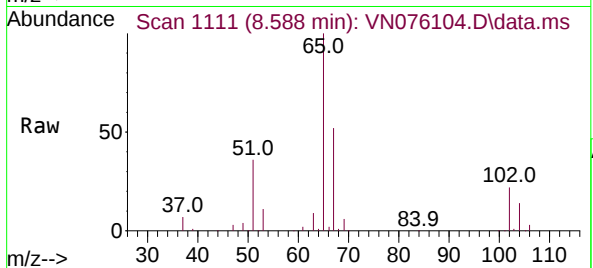
VN0105WBL01

Tgt Ion: 65 Resp: 171642

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076104.D

Acq: 05 Jan 2023 11:36

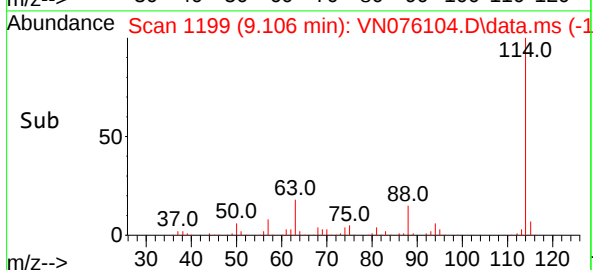
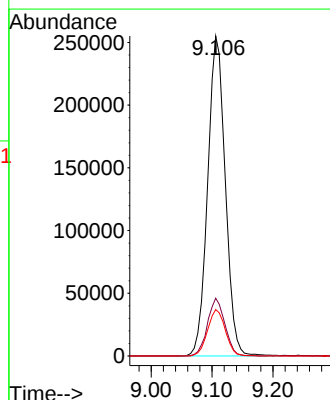
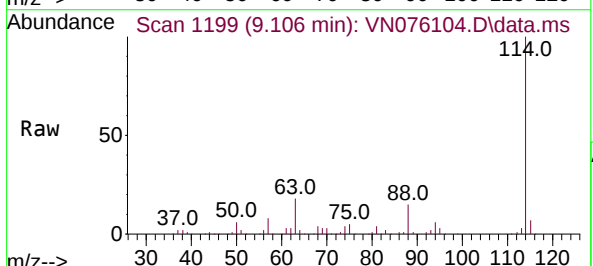
Tgt Ion: 114 Resp: 513556

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 14.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.531 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076104.D

Acq: 05 Jan 2023 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN0105WBL01

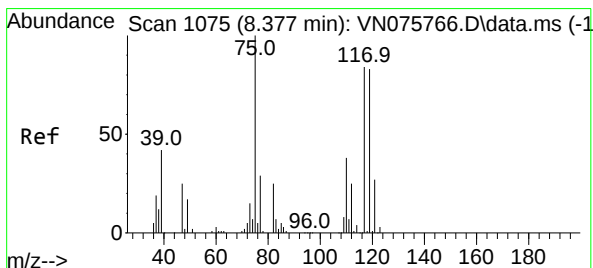
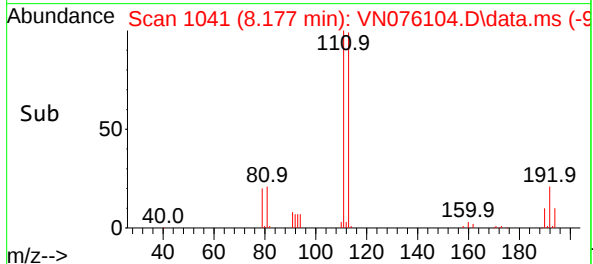
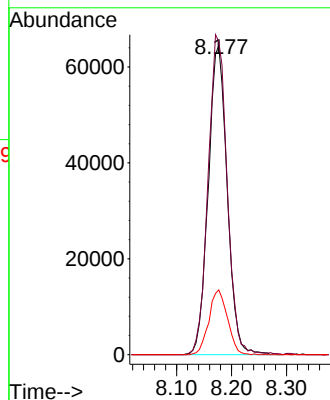
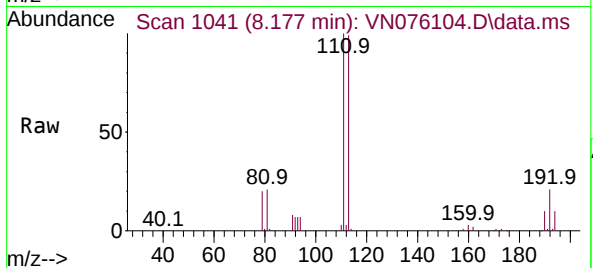
Tgt Ion:113 Resp: 154348

Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.2

192 20.6 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.370 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN076104.D

Acq: 05 Jan 2023 11:36

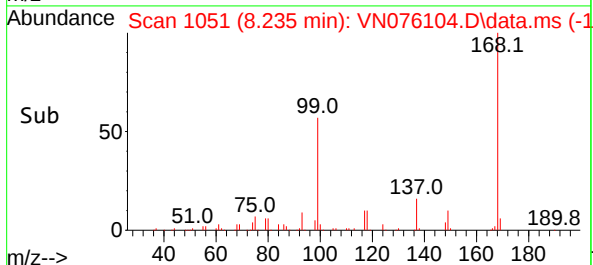
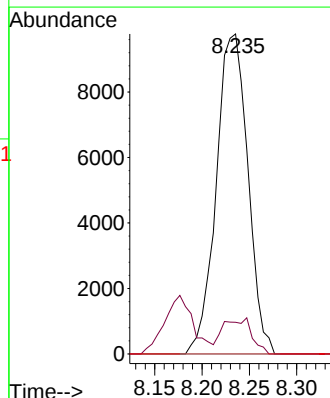
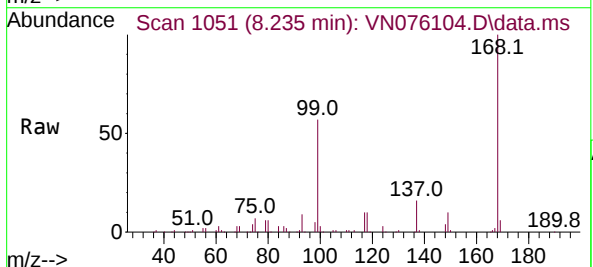
Tgt Ion: 75 Resp: 22687

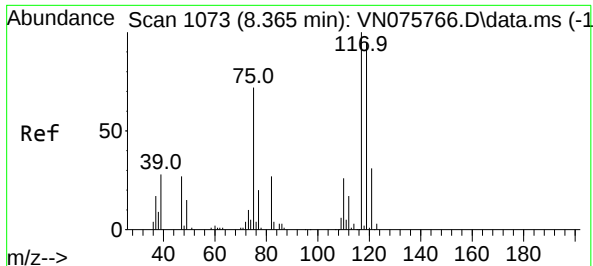
Ion Ratio Lower Upper

75 100

110 10.1 18.8 56.4#

77 0.0 24.1 36.1#

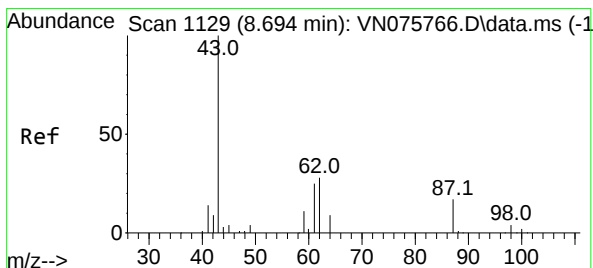
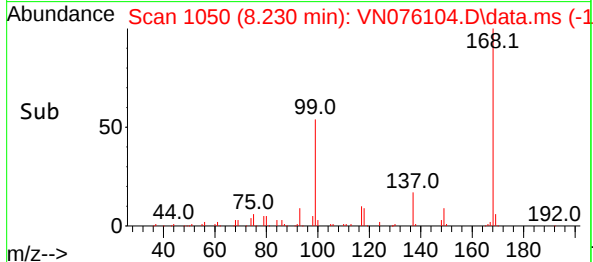
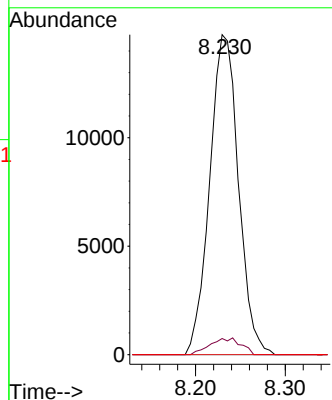
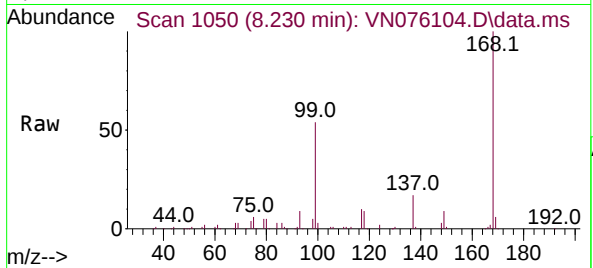




#38
Carbon Tetrachloride
Concen: 6.951 ug/l
RT: 8.230 min Scan# 1143
Delta R.T. -0.135 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

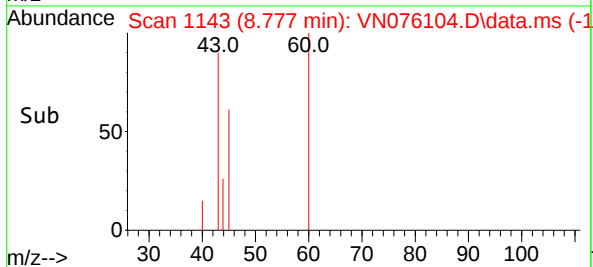
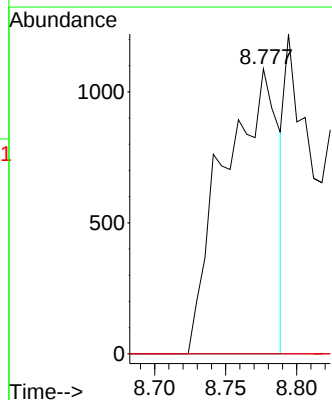
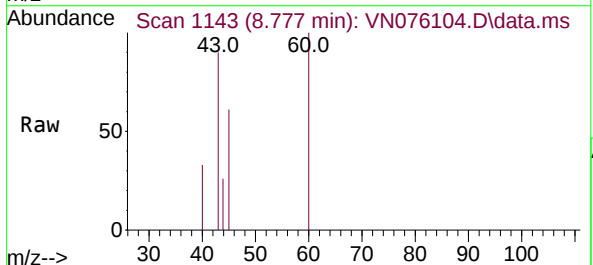
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBL01

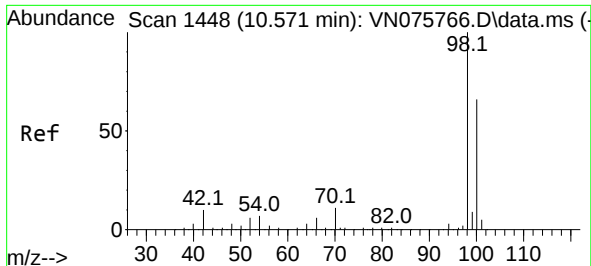
Tgt Ion:117 Resp: 32869
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.516 ug/l
RT: 8.777 min Scan# 1143
Delta R.T. 0.082 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

Tgt Ion: 43 Resp: 2887
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#

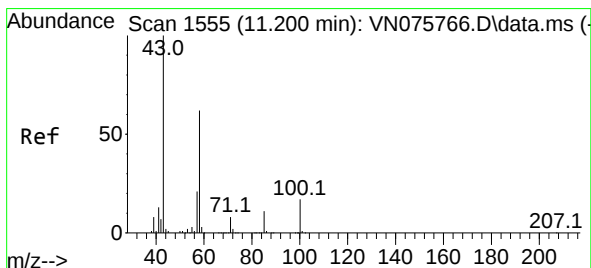
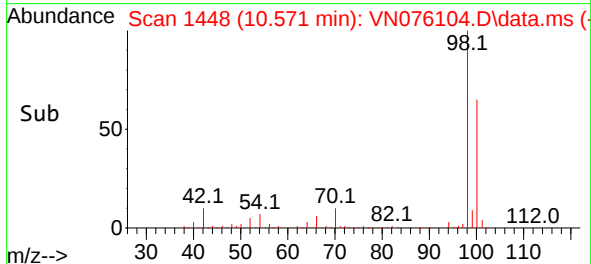
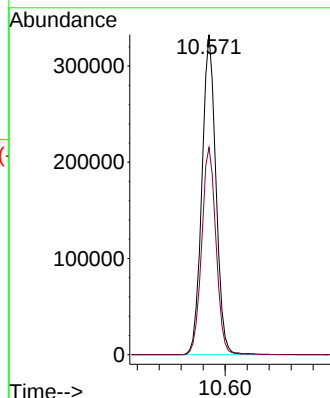
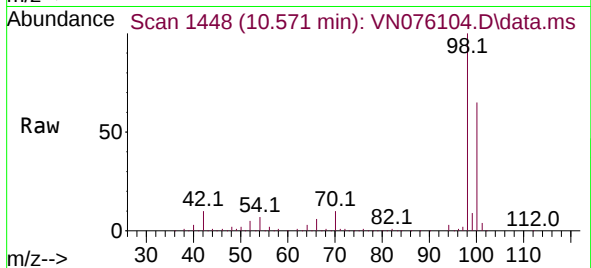




#50
Toluene-d8
Concen: 49.441 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

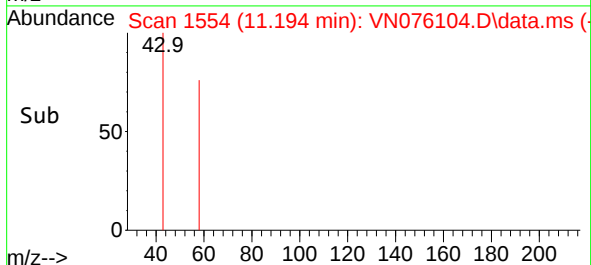
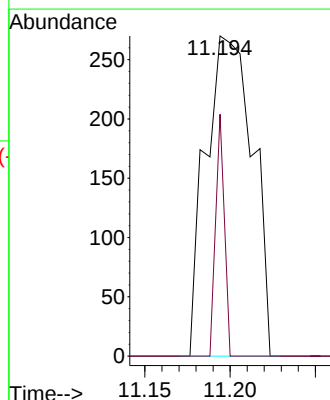
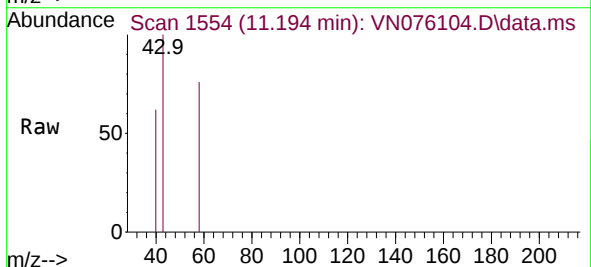
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBL01

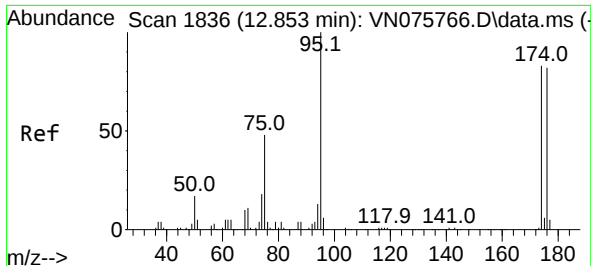
Tgt Ion: 98 Resp: 587907
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#59
2-Hexanone
Concen: 0.211 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
58 13.8 30.6 92.0#

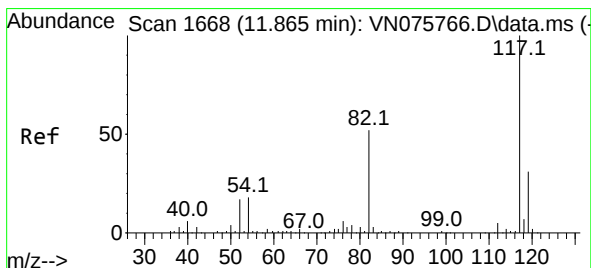
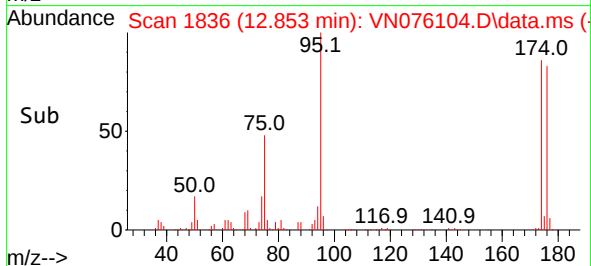
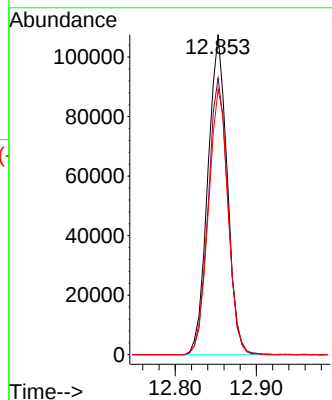
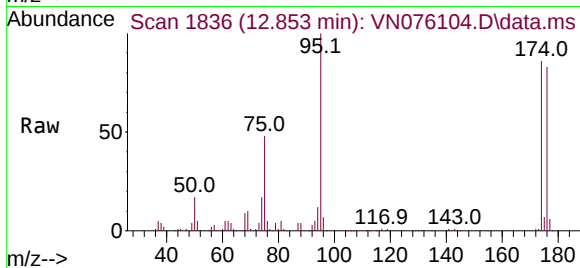




#62
4-Bromofluorobenzene
Concen: 45.073 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

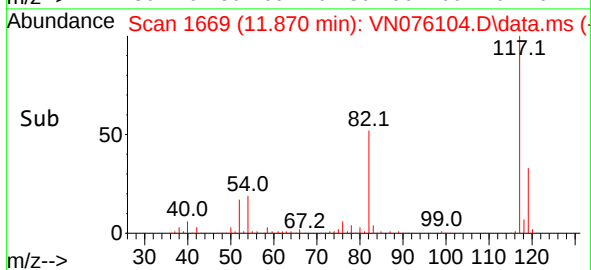
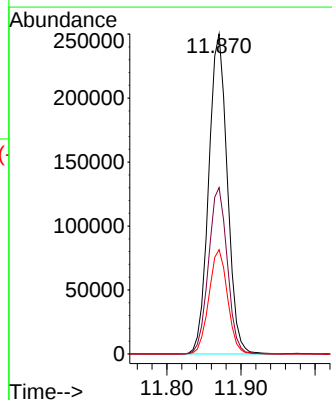
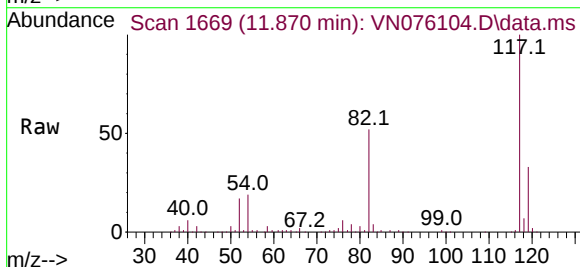
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBL01

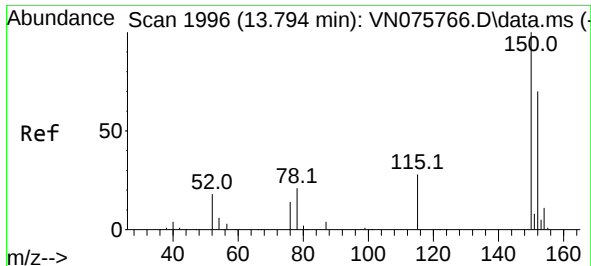
Tgt Ion: 95 Resp: 177516
Ion Ratio Lower Upper
95 100
174 87.4 0.0 171.6
176 84.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

Tgt Ion: 117 Resp: 436310
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 32.6 24.6 37.0

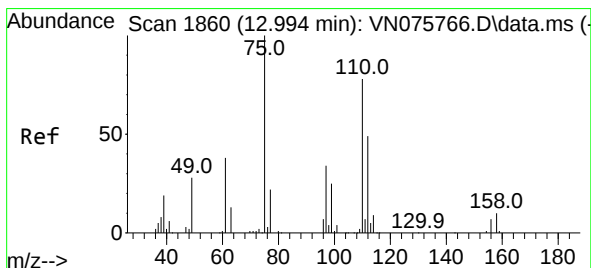
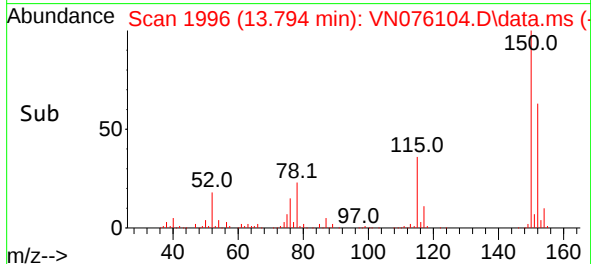
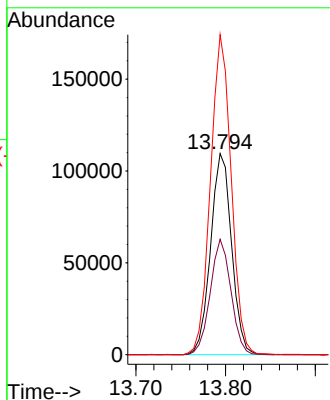
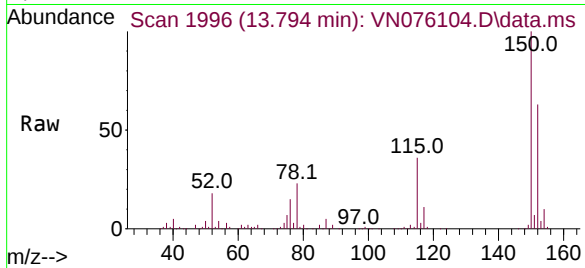




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

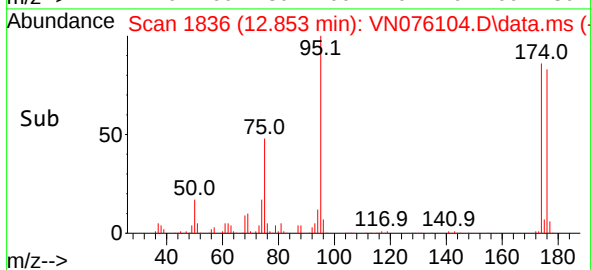
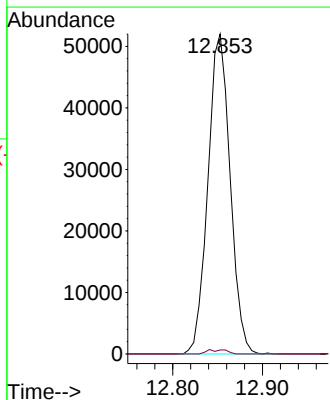
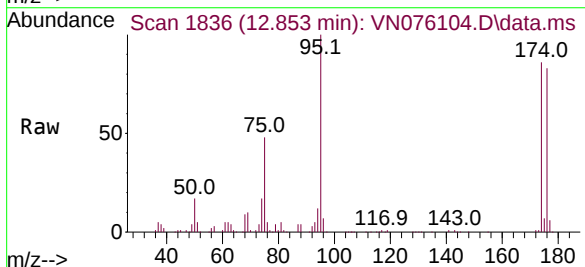
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBL01

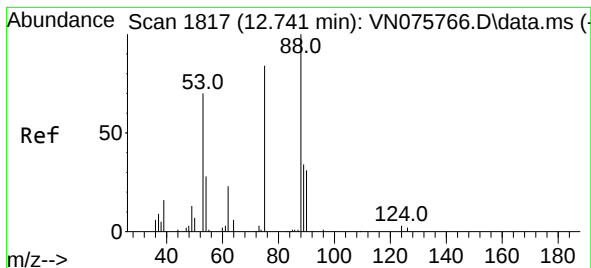
Tgt Ion:152 Resp: 177867
Ion Ratio Lower Upper
152 100
115 56.5 29.1 87.4
150 157.0 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 24.956 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

Tgt Ion: 75 Resp: 89475
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

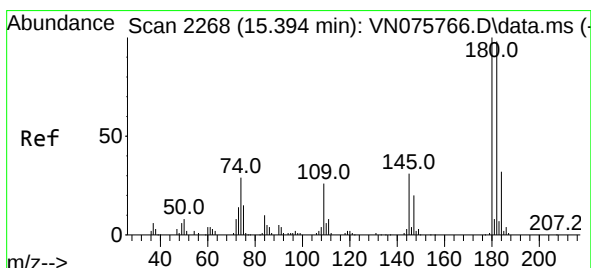
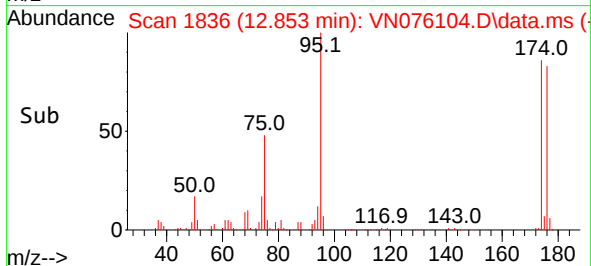
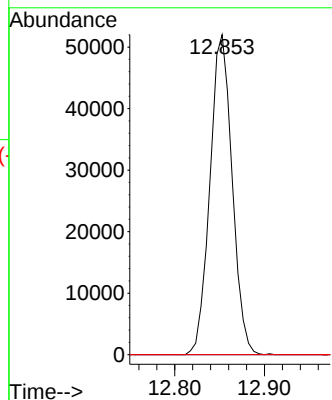
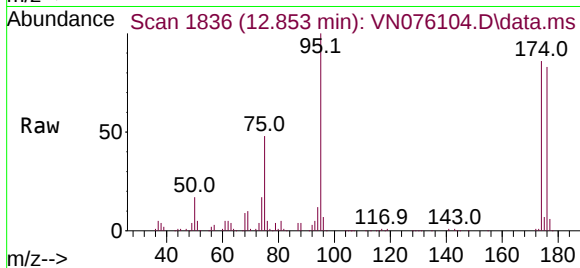




#81
trans-1,4-Dichloro-2-butene
Concen: 89.828 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

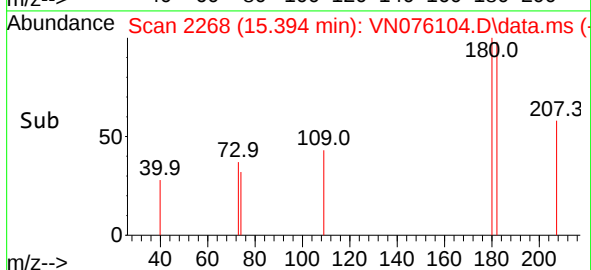
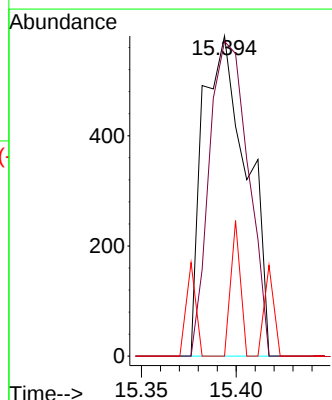
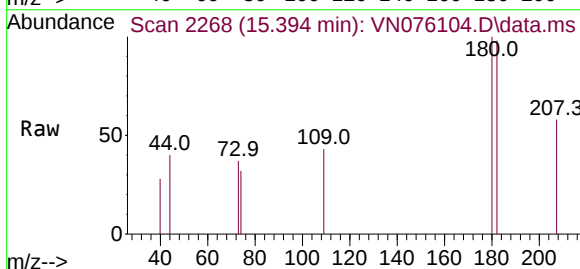
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBL01

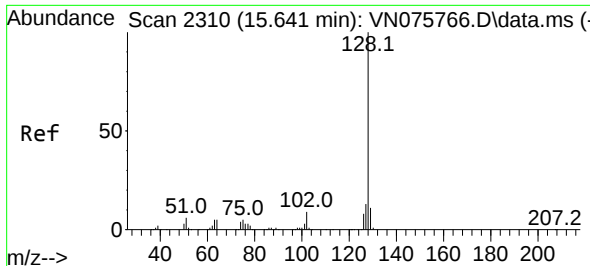
Tgt Ion: 75 Resp: 89475
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.319 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

Tgt Ion:180 Resp: 936
Ion Ratio Lower Upper
180 100
182 87.3 47.5 142.5
145 9.3 15.3 45.8#

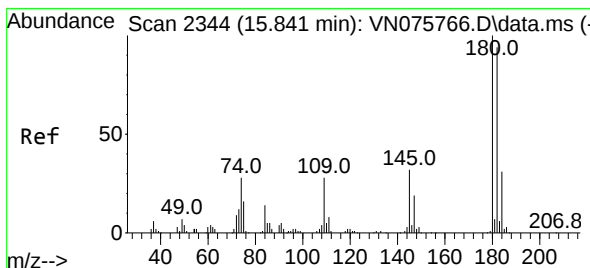
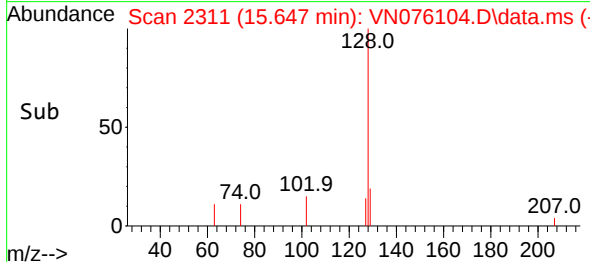
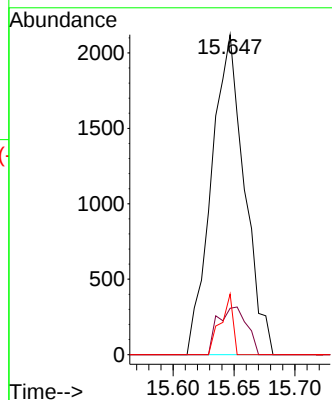
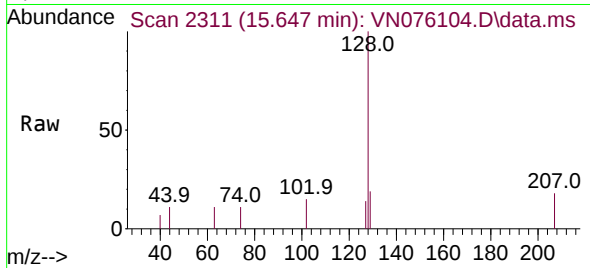




#95
Naphthalene
Concen: 2.573 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN0105WBL01

Tgt Ion:128 Resp: 3998
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 7.1 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.391 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076104.D
Acq: 05 Jan 2023 11:36

Tgt Ion:180 Resp: 1072
Ion Ratio Lower Upper
180 100
182 92.4 47.0 141.0
145 10.8 16.0 47.9#

