

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077884.D
 Acq On : 25 May 2023 06:11
 Operator : JC\MD
 Sample : 02852-12 10X
 Misc : 6.71g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-55.5-051823-FD

Quant Time: May 25 08:33:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

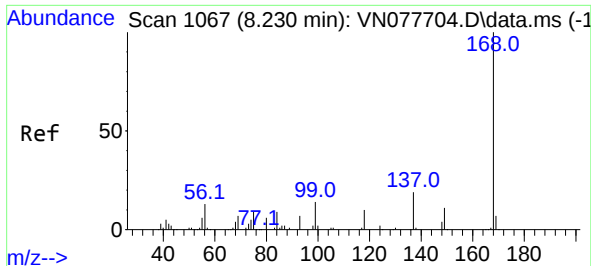
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	414593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	753024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	652464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	283306	45.670	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.340%
35) Dibromofluoromethane	8.177	113	231529	47.151	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.300%
50) Toluene-d8	10.571	98	921228	48.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.853	95	283553	42.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	999	Below Cal	#	54
5) Bromomethane	2.948	94	1170	0.266	ug/l #	81
13) Acrolein	4.218	56	72	Below Cal	#	47
16) Acetone	4.436	43	681	0.349	ug/l #	40
20) Methylene Chloride	5.265	84	959	Below Cal	#	30
31) Cyclohexane	8.230	56	9939	1.179	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	35702	4.971	ug/l #	47
38) Carbon Tetrachloride	8.230	117	46254	6.378	ug/l #	16
43) Isopropyl Acetate	8.759	43	2415	0.231	ug/l #	49
44) Trichloroethene	9.365	130	1645	0.307	ug/l	57
71) Bromoform	12.853	173	1368	0.420	ug/l #	28
76) 1,2,3-Trichloropropane	12.859	75	151642	27.055	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	151642	86.482	ug/l #	15

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

Quant Time: May 25 08:33:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

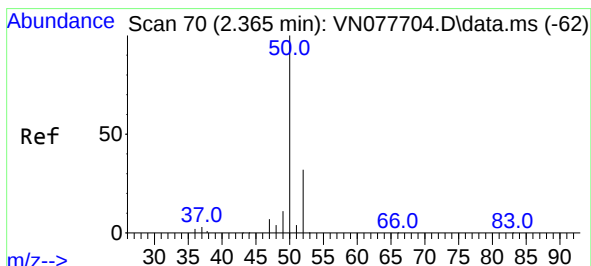
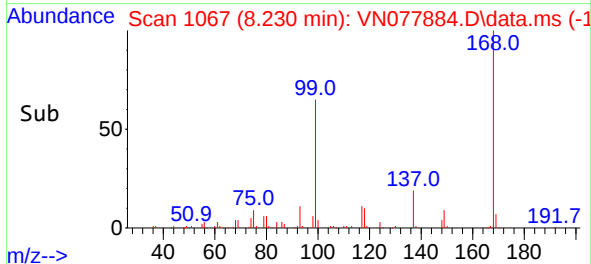
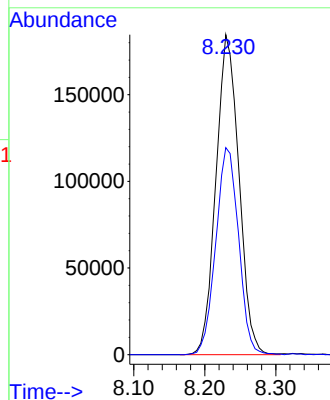
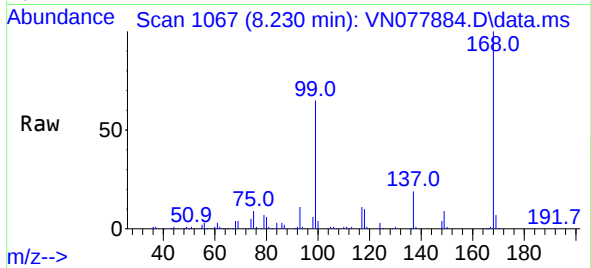




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

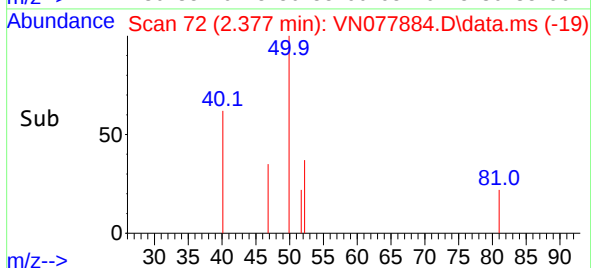
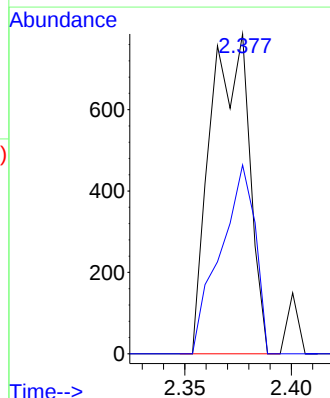
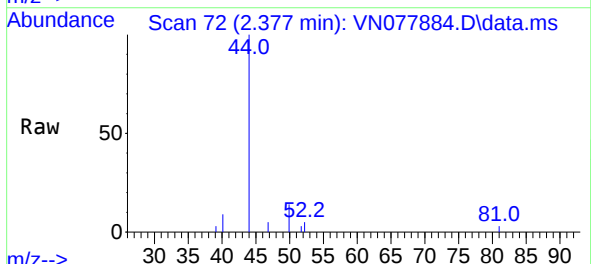
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

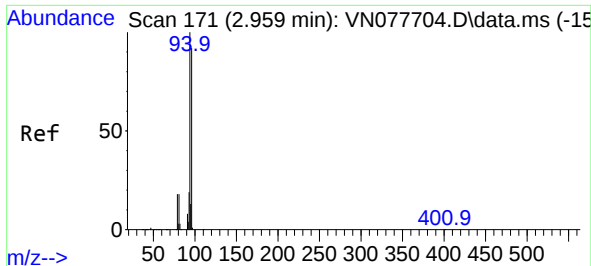
Tgt Ion:168 Resp: 414593
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Tgt Ion: 50 Resp: 999
Ion Ratio Lower Upper
50 100
52 59.0 26.5 39.7#

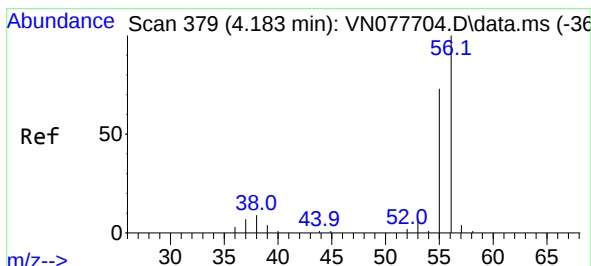
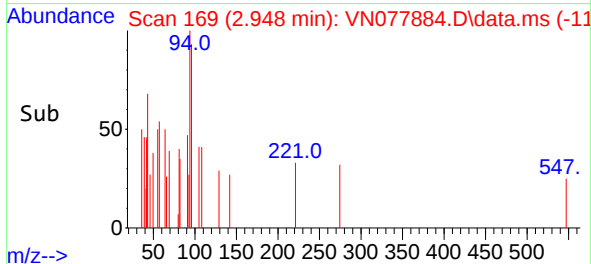
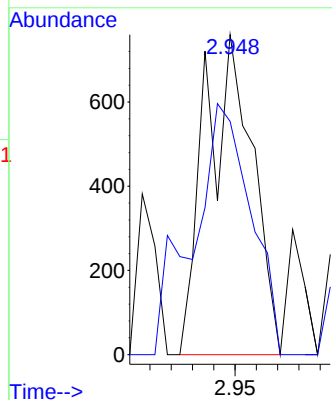
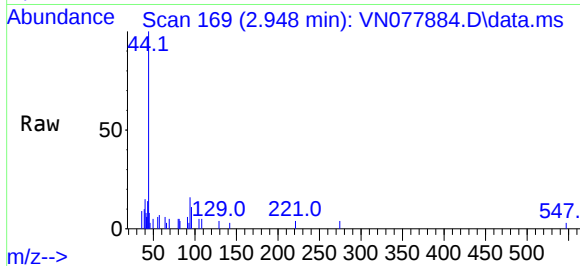




#5
Bromomethane
Concen: 0.266 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

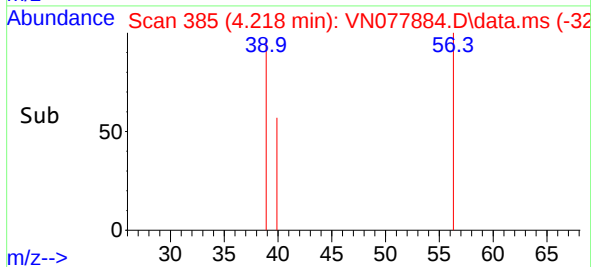
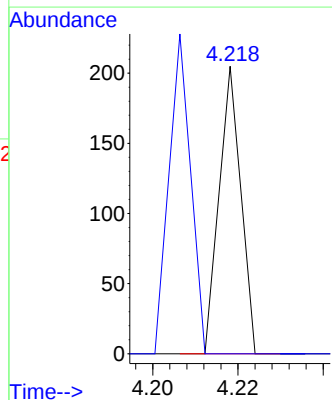
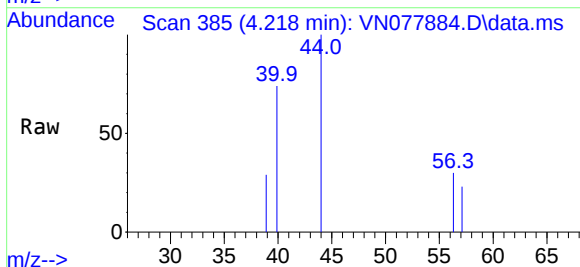
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

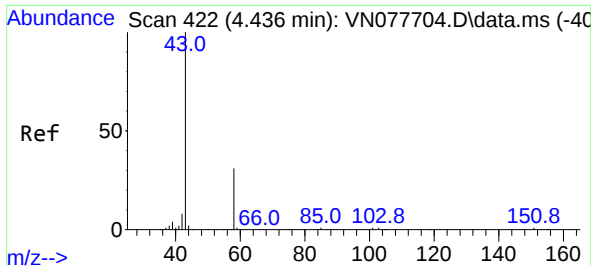
Tgt Ion: 94 Resp: 1170
Ion Ratio Lower Upper
94 100
96 72.9 73.1 109.7#



#13
Acrolein
Concen: Below Cal
RT: 4.218 min Scan# 385
Delta R.T. 0.029 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 111.1 54.5 81.7#

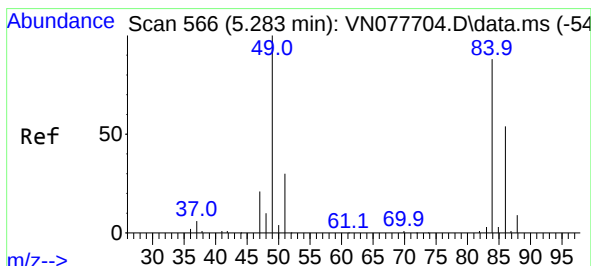
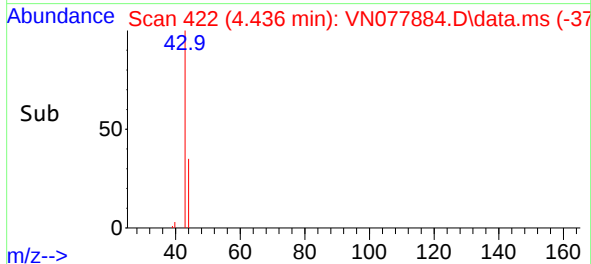
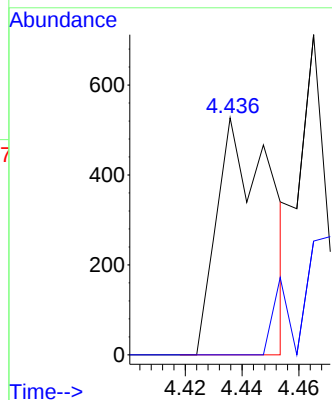
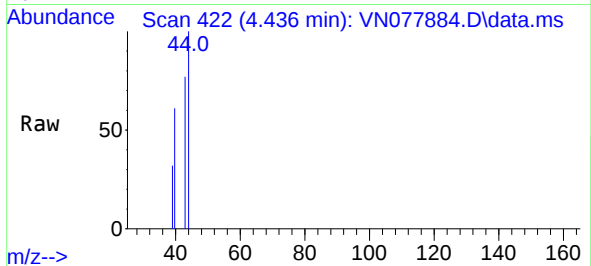




#16
Acetone
Concen: 0.349 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

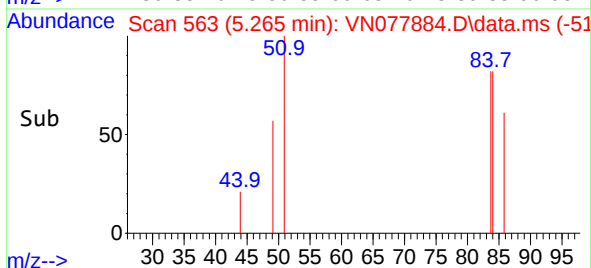
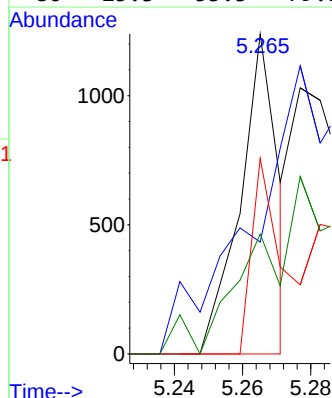
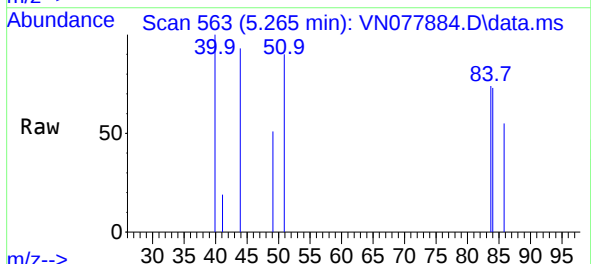
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

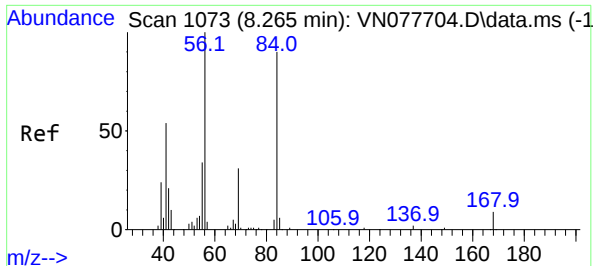
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 563
Delta R.T. -0.018 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Tgt Ion: 84 Resp: 959
Ion Ratio Lower Upper
84 100
49 12.3 79.7 119.5#
51 61.1 25.2 37.8#
86 25.3 53.3 79.9#





#31

Cyclohexane

Concen: 1.179 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN077884.D

Acq: 25 May 2023 06:11

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-55.5-051823-FD

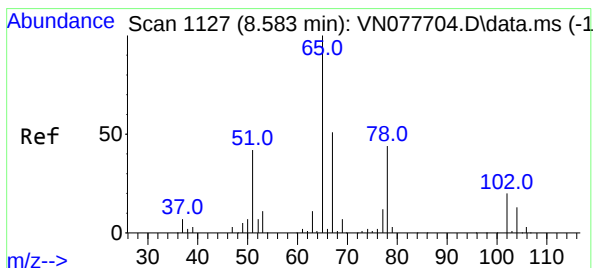
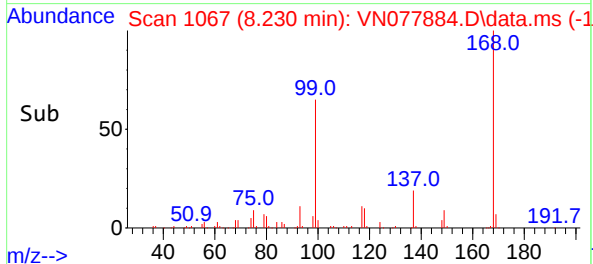
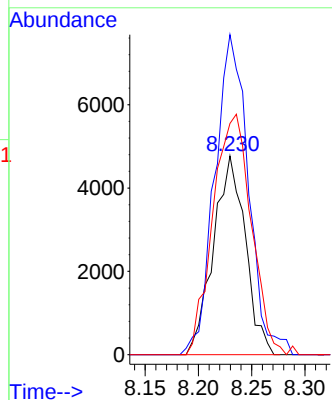
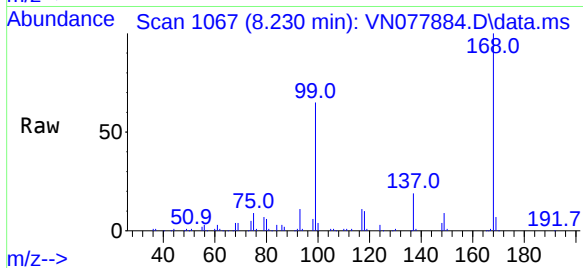
Tgt Ion: 56 Resp: 9939

Ion Ratio Lower Upper

56 100

69 161.1 26.8 40.2#

84 116.4 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 45.670 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077884.D

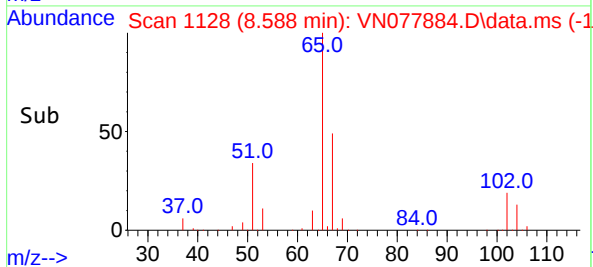
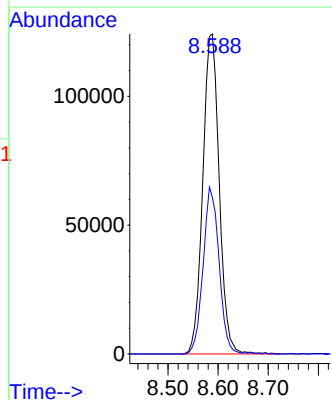
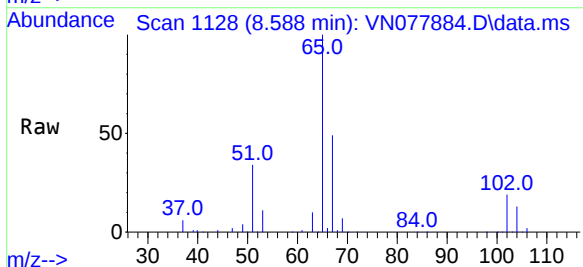
Acq: 25 May 2023 06:11

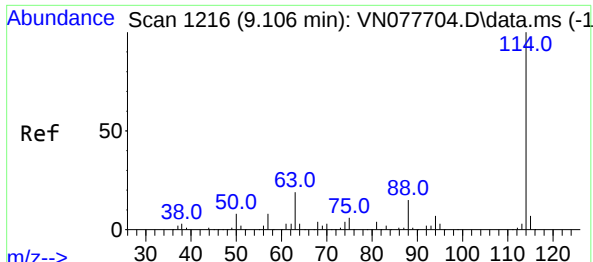
Tgt Ion: 65 Resp: 283306

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6

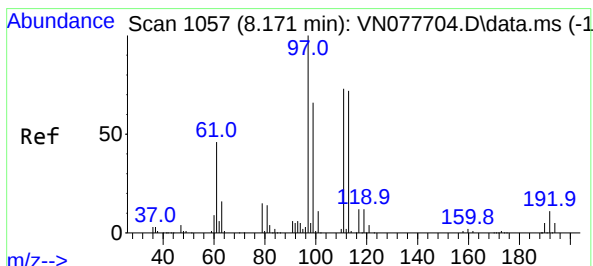
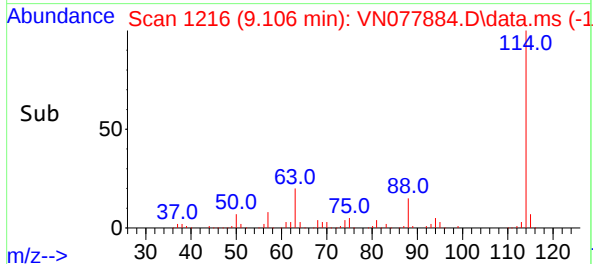
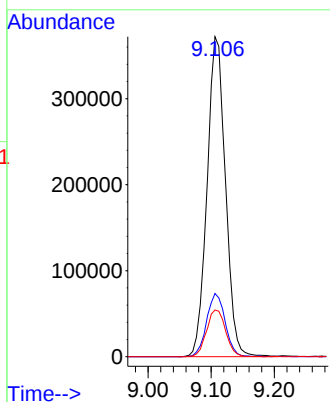
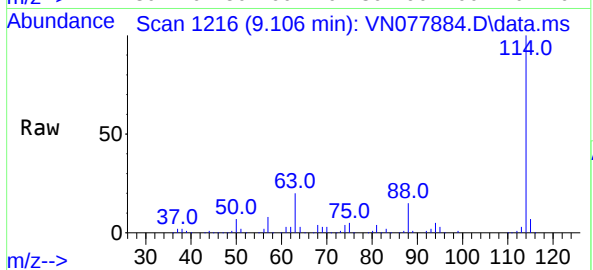




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

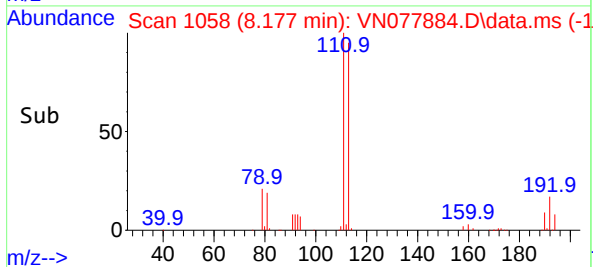
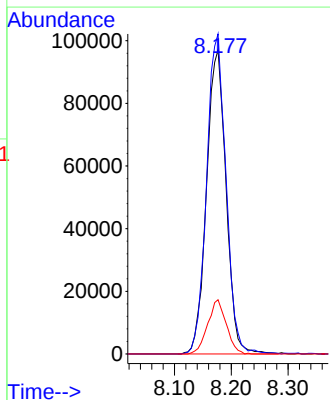
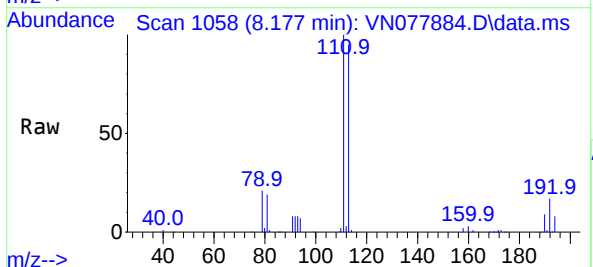
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

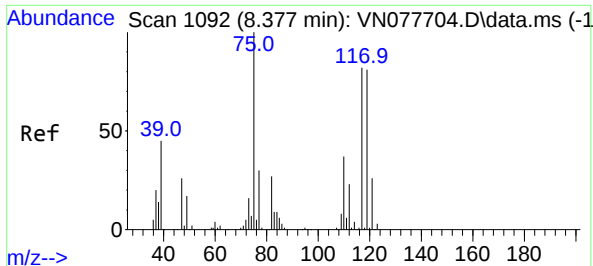
Tgt Ion:114 Resp: 753024
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.151 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Tgt Ion:113 Resp: 231529
Ion Ratio Lower Upper
113 100
111 104.5 82.6 123.8
192 17.0 12.7 19.1

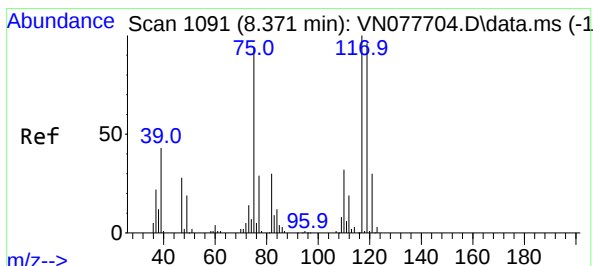
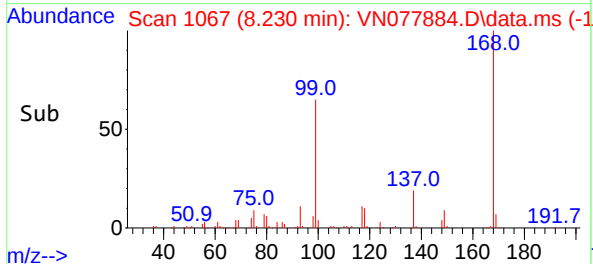
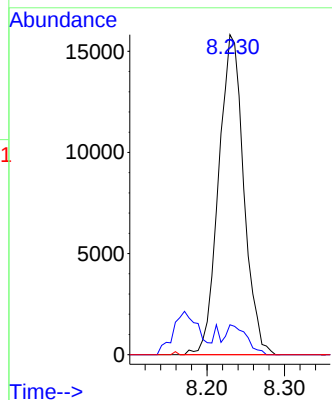
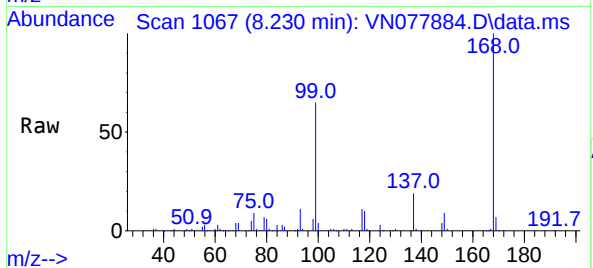




#36
1,1-Dichloropropene
Concen: 4.971 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

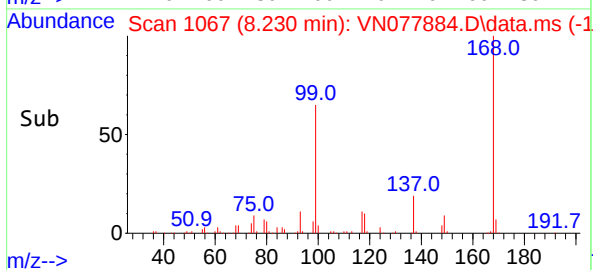
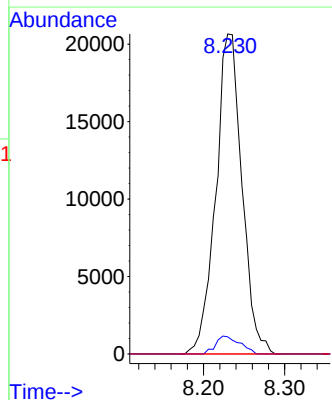
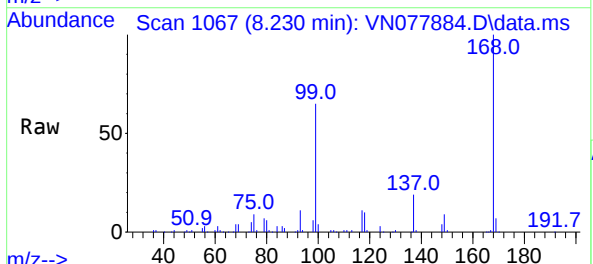
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

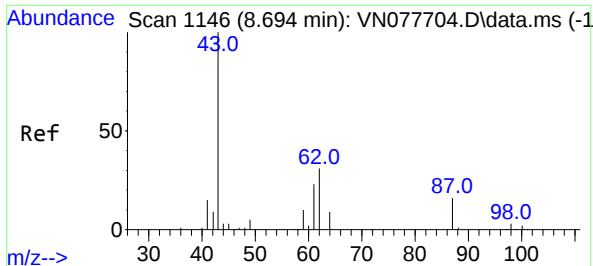
Tgt Ion: 75 Resp: 35702
Ion Ratio Lower Upper
75 100
110 7.7 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.378 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Tgt Ion: 117 Resp: 46254
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 23.3 34.9#

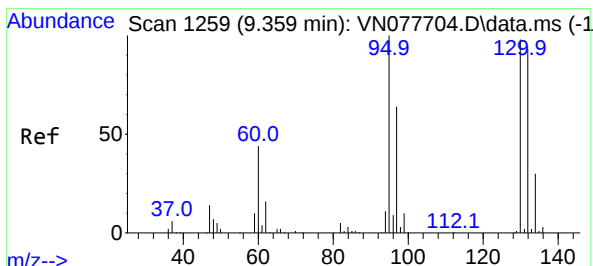
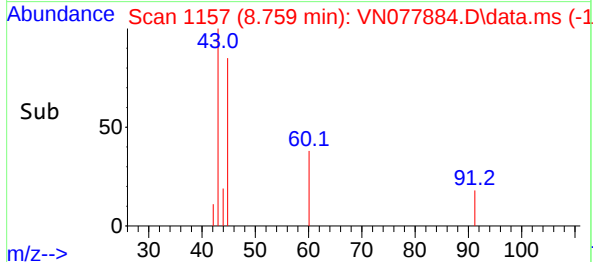
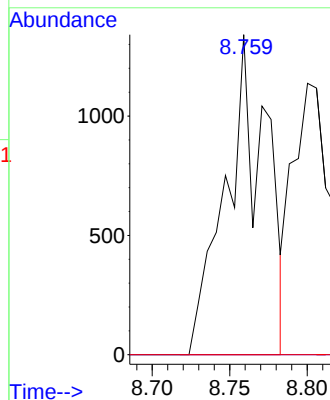
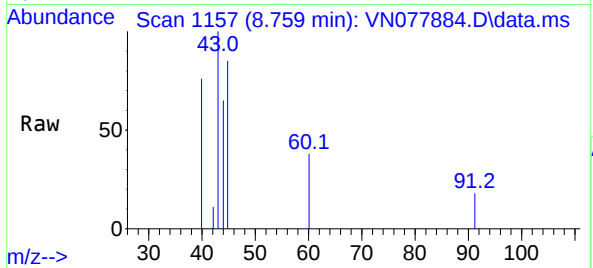




#43
Isopropyl Acetate
Concen: 0.231 ug/l
RT: 8.759 min Scan# 1146
Delta R.T. 0.065 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

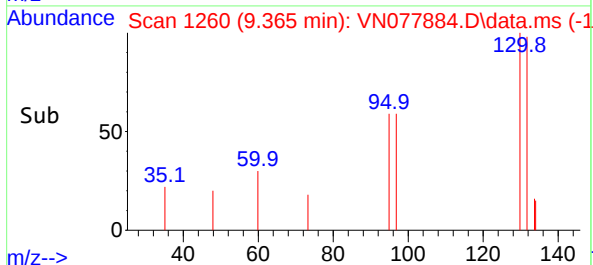
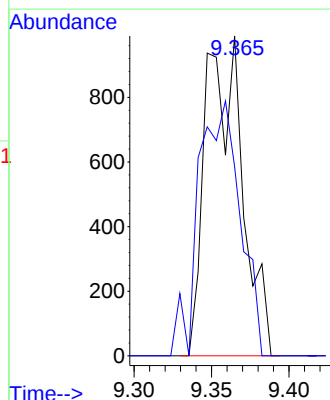
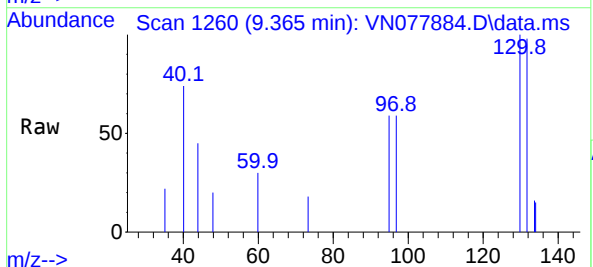
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-55.5-051823-FD

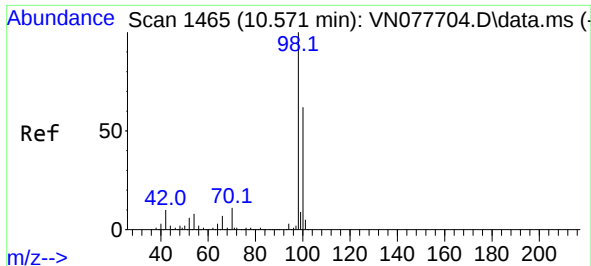
Tgt Ion: 43 Resp: 2415
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#44
Trichloroethene
Concen: 0.307 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Tgt Ion:130 Resp: 1645
Ion Ratio Lower Upper
130 100
95 59.2 0.0 204.6

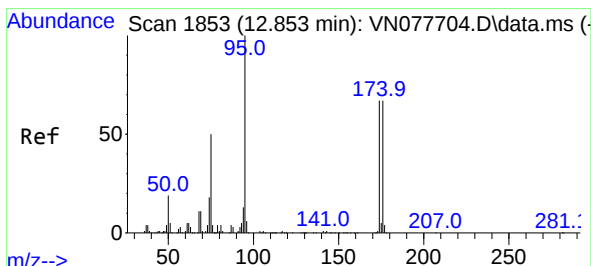
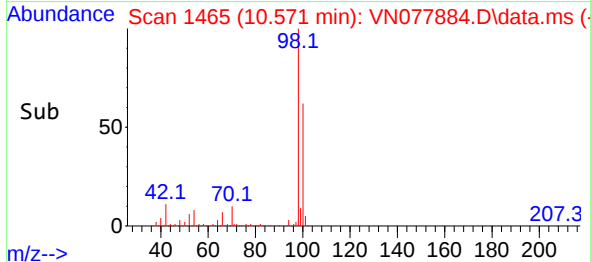
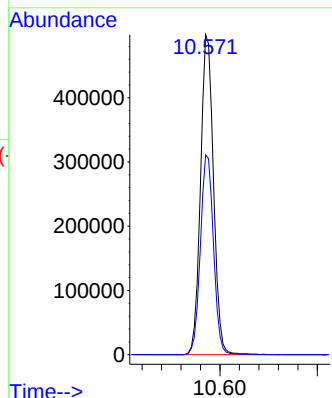
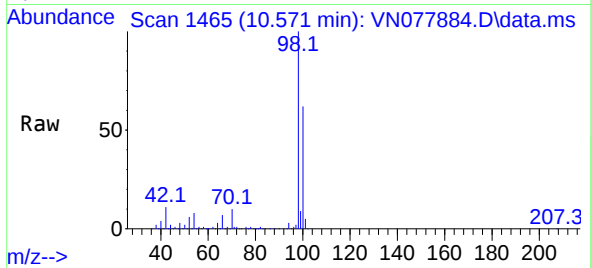




#50
Toluene-d8
Concen: 48.741 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

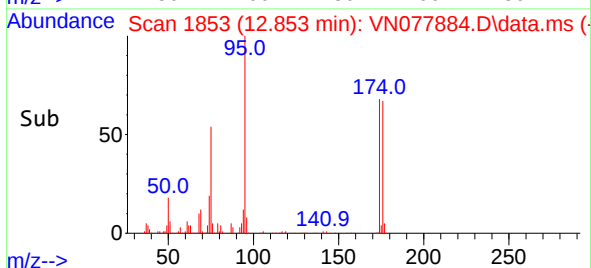
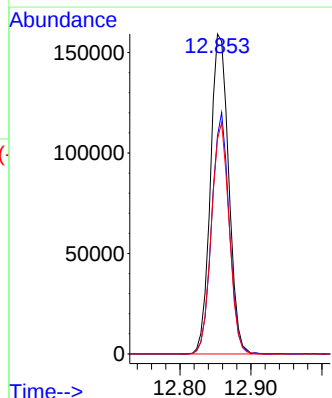
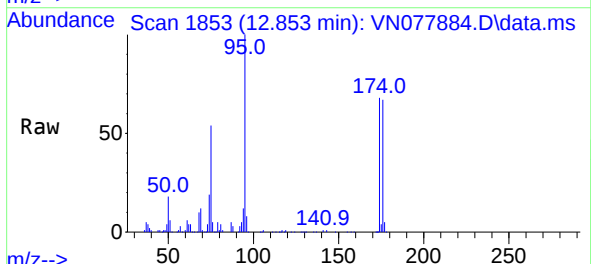
Instrument : MSVOA_N
ClientSampleId : CB-32-G3-SO-55.5-051823-FD

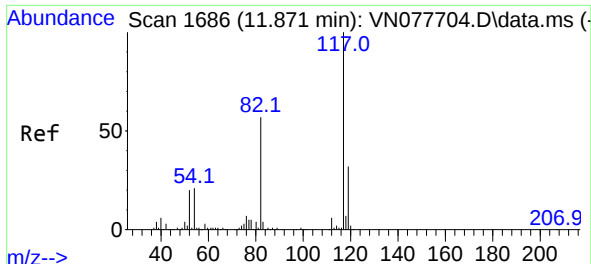
Tgt Ion: 98 Resp: 921228
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.478 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Tgt Ion: 95 Resp: 283553
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.8
176 70.0 0.0 135.8

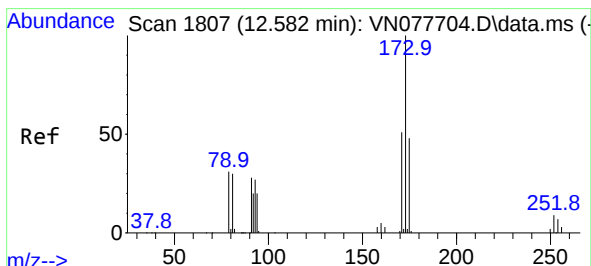
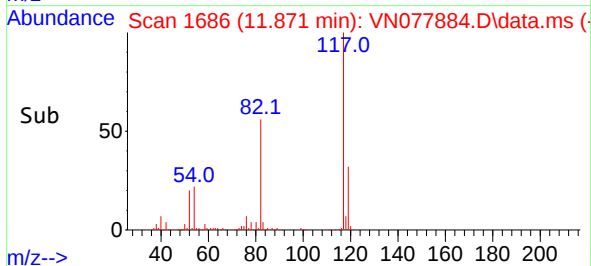
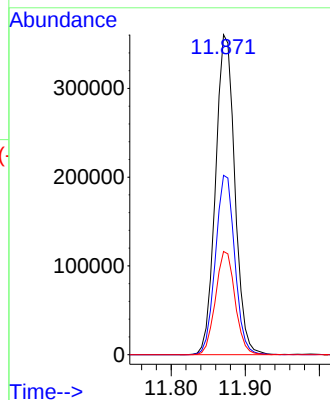
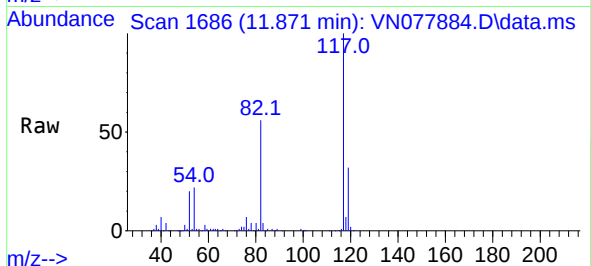




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

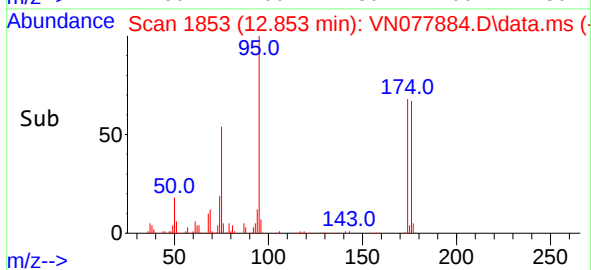
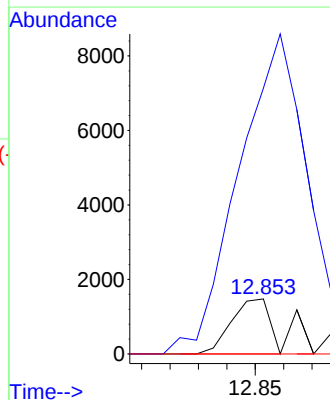
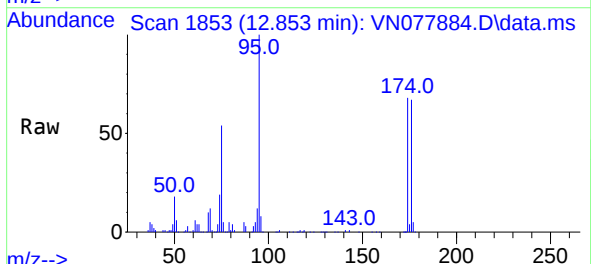
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

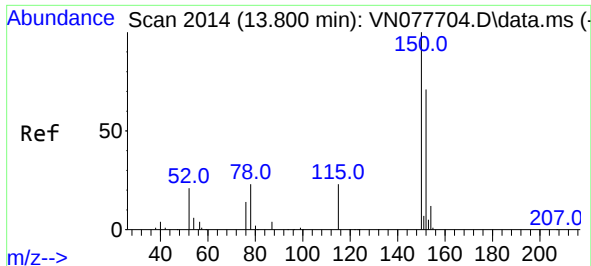
Tgt Ion:117 Resp: 652464
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.3 25.6 38.4



#71
Bromoform
Concen: 0.420 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Tgt Ion:173 Resp: 1368
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0

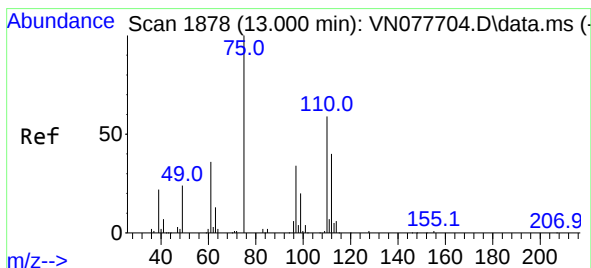
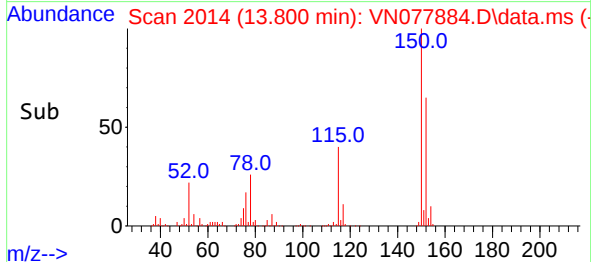
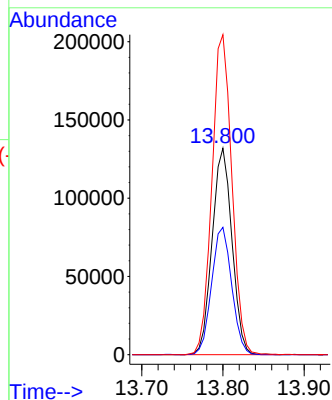
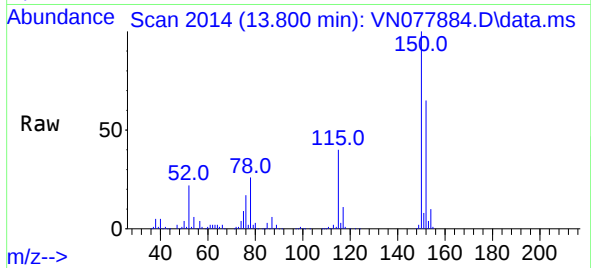




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

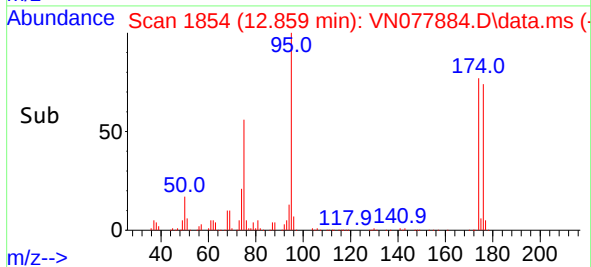
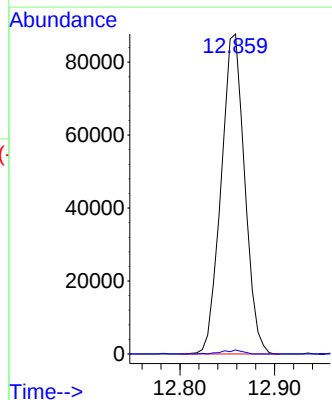
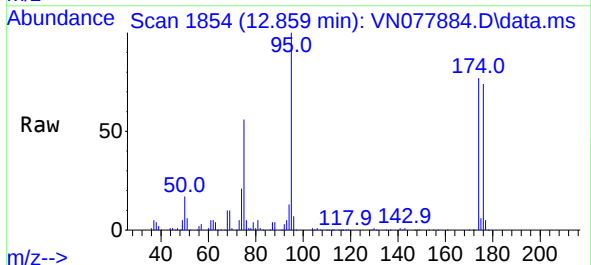
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD

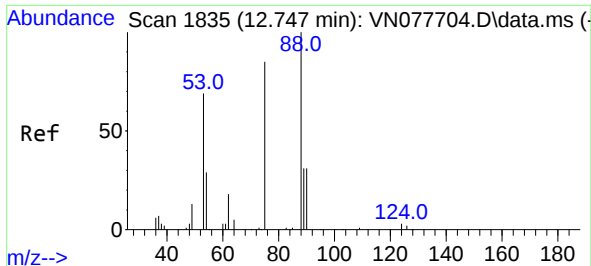
Tgt Ion:152 Resp: 223808
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 155.9 0.0 355.8



#76
1,2,3-Trichloropropane
Concen: 27.055 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

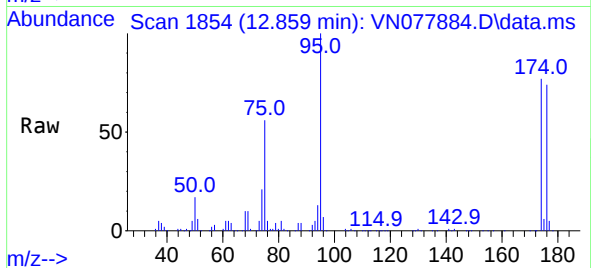
Tgt Ion: 75 Resp: 151642
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.482 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN077884.D
Acq: 25 May 2023 06:11

Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-55.5-051823-FD



Tgt Ion: 75 Resp: 151642
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

