

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077874.D
 Acq On : 25 May 2023 02:11
 Operator : JC\MD
 Sample : 02852-02ME 20X
 Misc : 6.60g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-14.5-051823ME

Quant Time: May 25 05:01:34 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)

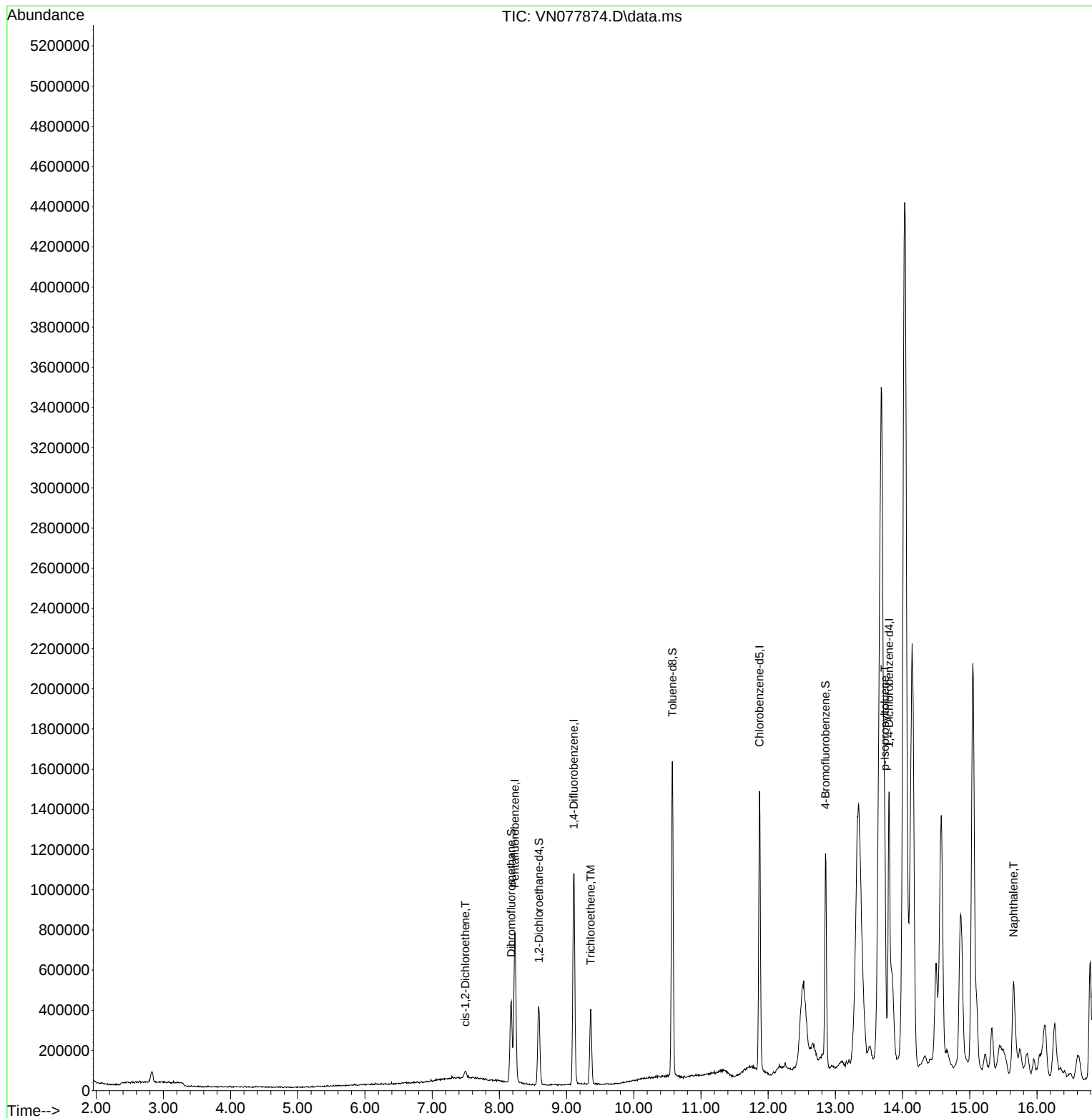
Internal Standards						
1) Pentafluorobenzene	8.230	168	551612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	969996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	852963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	328537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	333393	40.394	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.780%
35) Dibromofluoromethane	8.177	113	286132	45.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.480%
50) Toluene-d8	10.577	98	1163528	47.791	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.853	95	375600	43.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.360%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.494	96	22577	2.889	ug/l	94
44) Trichloroethene	9.359	130	136273	19.713	ug/l	99
86) p-Isopropyltoluene	13.735	119	223531	9.495	ug/l	99
95) Naphthalene	15.653	128	176356	7.852	ug/l #	74

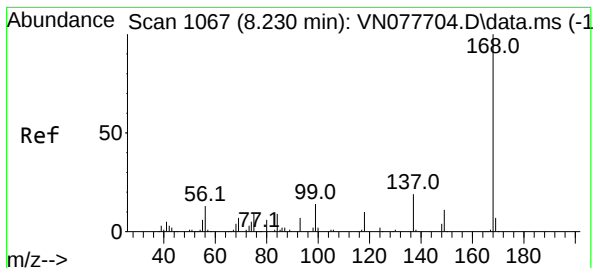
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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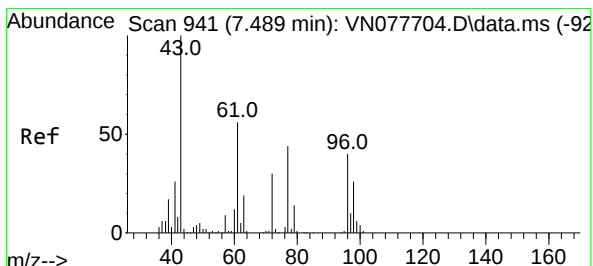
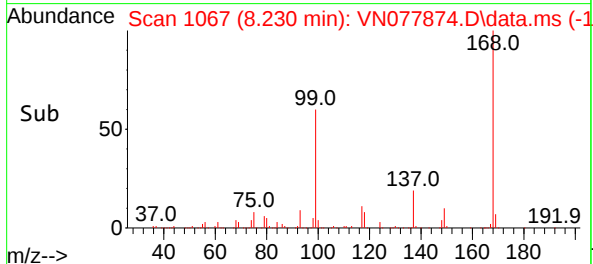
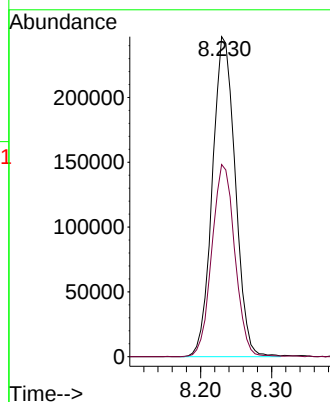
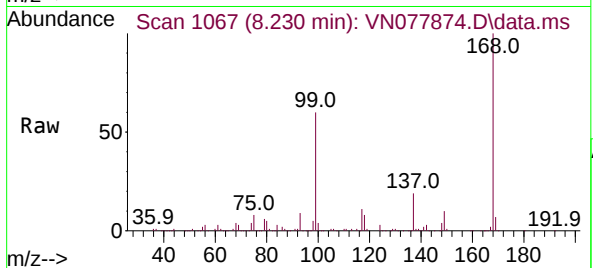




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077874.D
Acq: 25 May 2023 02:11

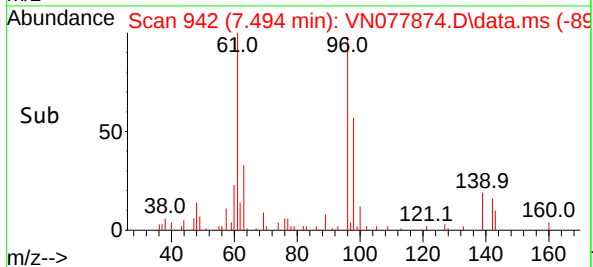
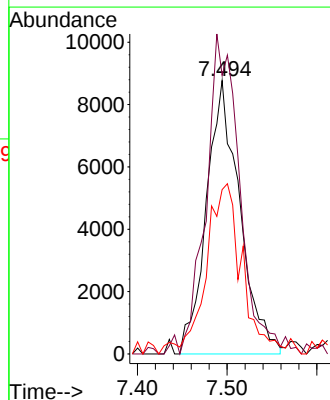
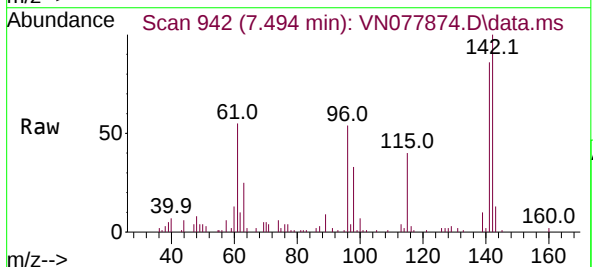
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-14.5-051823ME

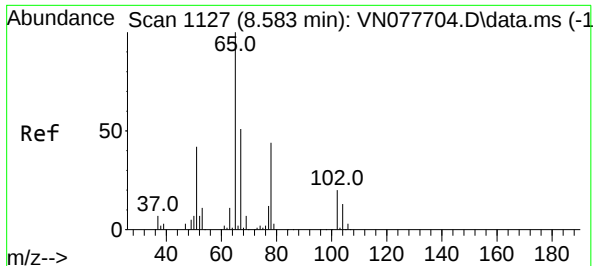
Tgt Ion:168 Resp: 551612
Ion Ratio Lower Upper
168 100
99 60.0 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 2.889 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077874.D
Acq: 25 May 2023 02:11

Tgt Ion: 96 Resp: 22577
Ion Ratio Lower Upper
96 100
61 119.2 0.0 255.2
98 67.3 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 40.394 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077874.D

Acq: 25 May 2023 02:11

Instrument :

MSVOA_N

ClientSampleId :

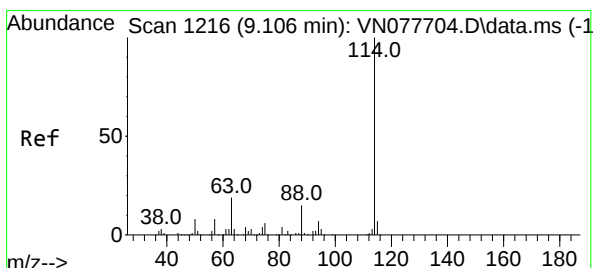
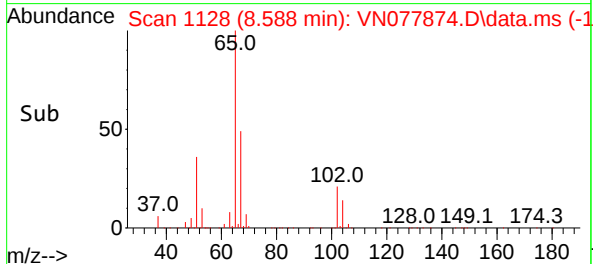
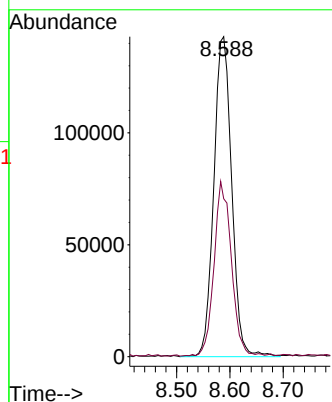
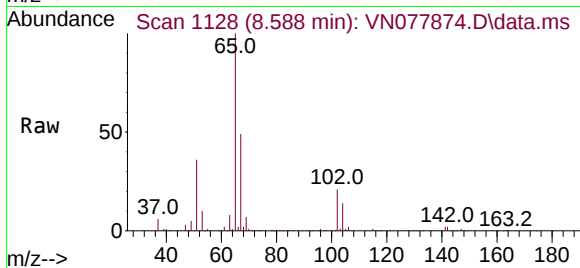
CB-32-G3-SO-14.5-051823ME

Tgt Ion: 65 Resp: 333393

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077874.D

Acq: 25 May 2023 02:11

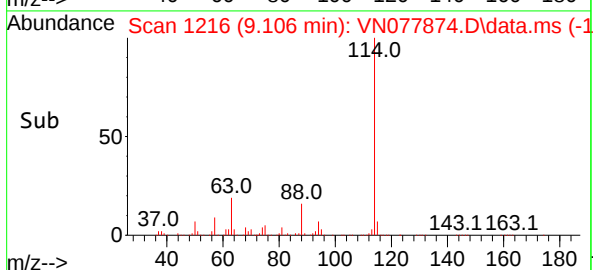
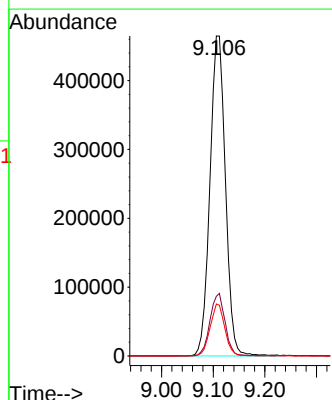
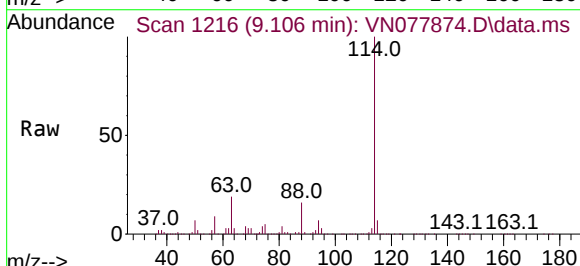
Tgt Ion: 114 Resp: 969996

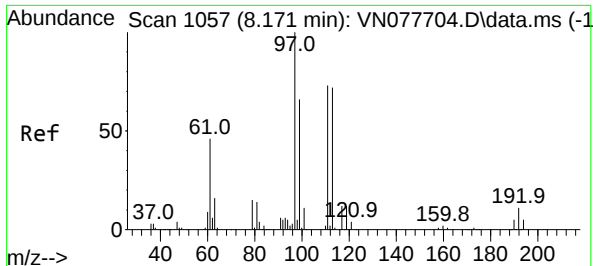
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.237 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077874.D

Acq: 25 May 2023 02:11

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-14.5-051823ME

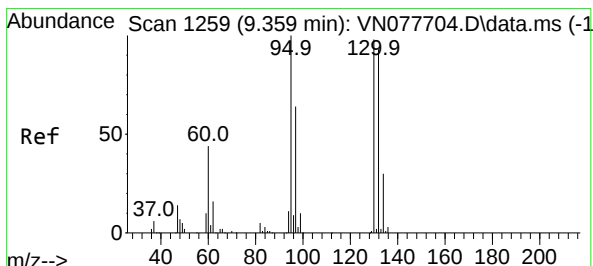
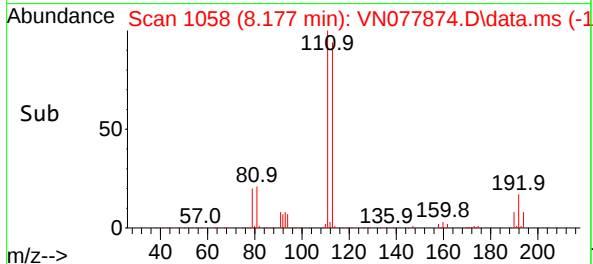
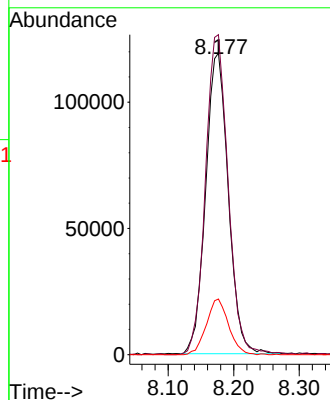
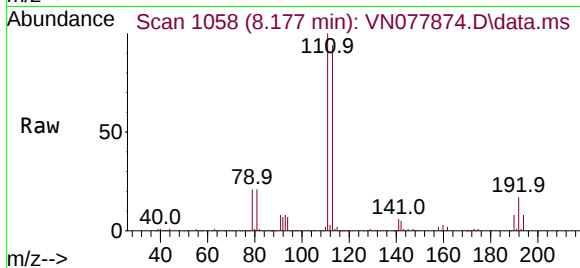
Tgt Ion:113 Resp: 286132

Ion Ratio Lower Upper

113 100

111 106.9 82.6 123.8

192 18.2 12.7 19.1



#44

Trichloroethene

Concen: 19.713 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077874.D

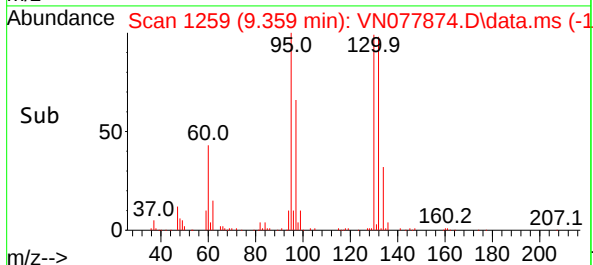
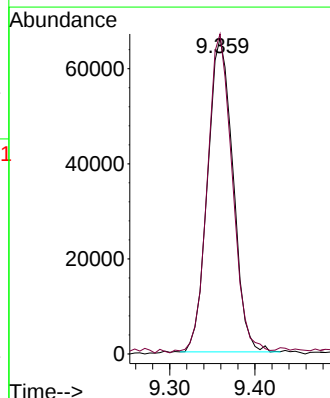
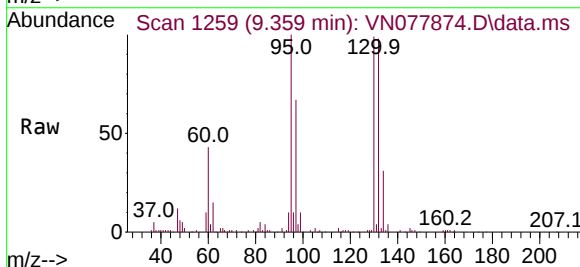
Acq: 25 May 2023 02:11

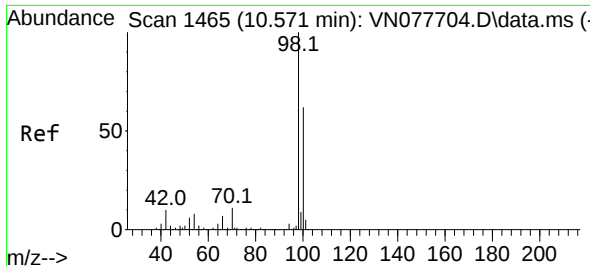
Tgt Ion:130 Resp: 136273

Ion Ratio Lower Upper

130 100

95 100.9 0.0 204.6

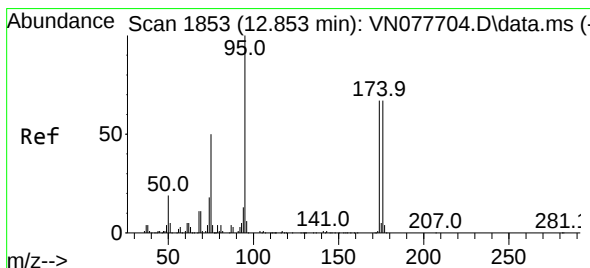
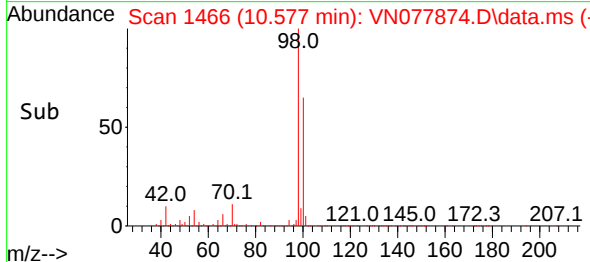
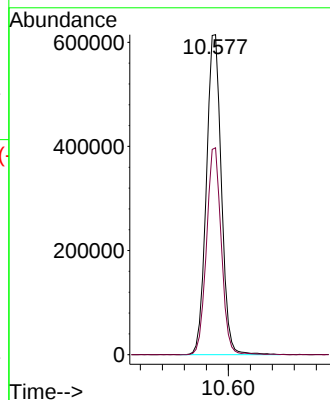
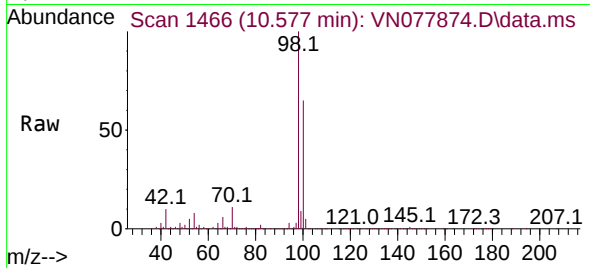




#50
Toluene-d8
Concen: 47.791 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077874.D
Acq: 25 May 2023 02:11

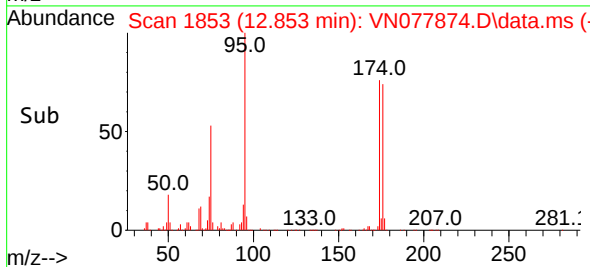
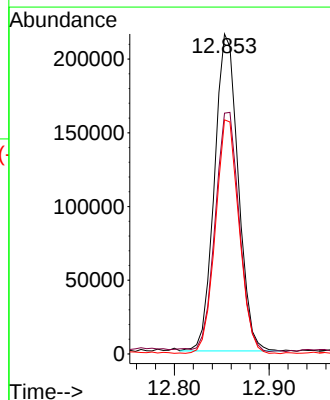
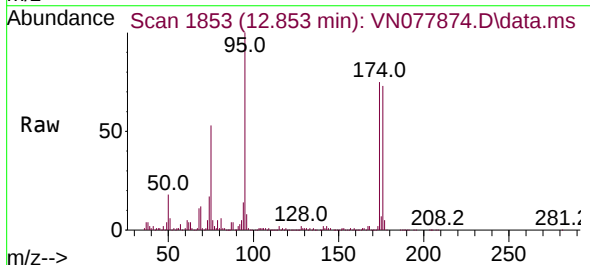
Instrument :
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CB-32-G3-SO-14.5-051823ME

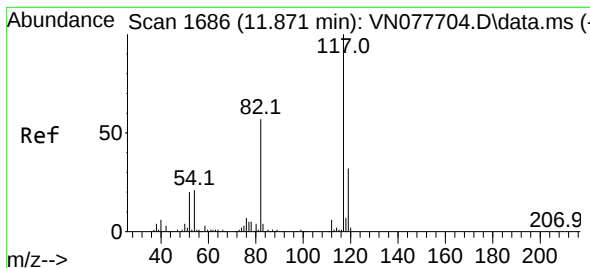
Tgt Ion: 98 Resp: 1163528
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.681 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077874.D
Acq: 25 May 2023 02:11

Tgt Ion: 95 Resp: 375600
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077874.D

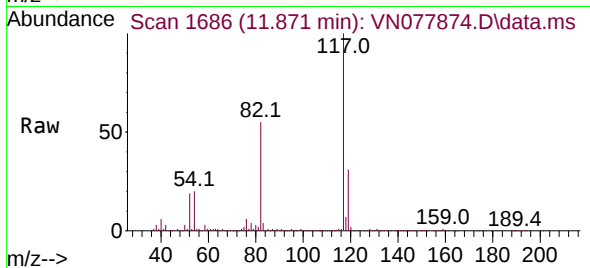
Acq: 25 May 2023 02:11

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-14.5-051823ME



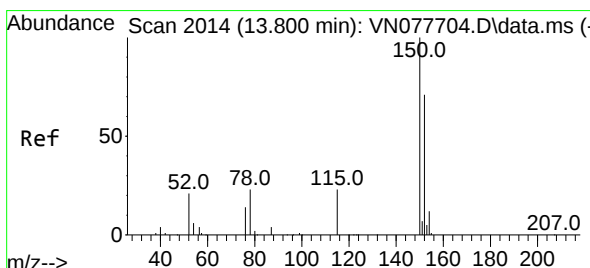
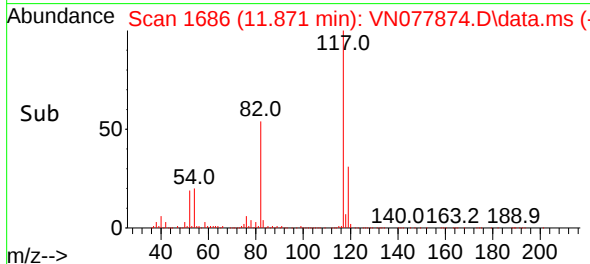
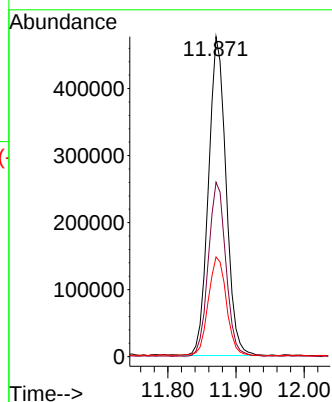
Tgt Ion:117 Resp: 852963

Ion Ratio Lower Upper

117 100

82 54.5 44.0 66.0

119 30.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077874.D

Acq: 25 May 2023 02:11

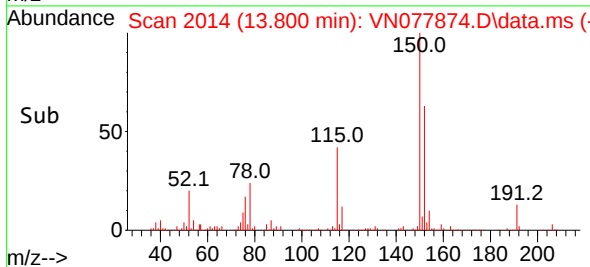
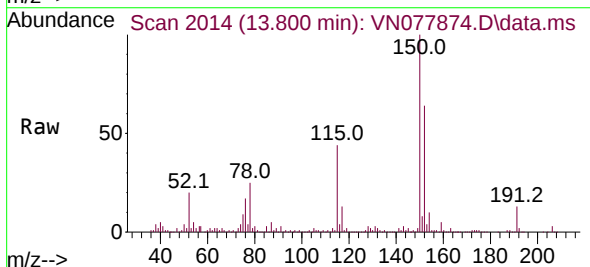
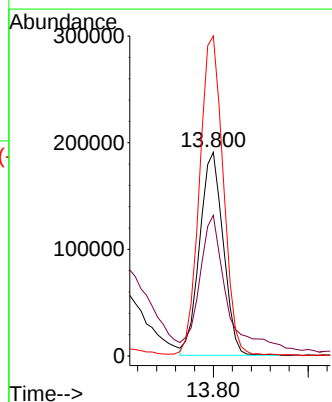
Tgt Ion:152 Resp: 328537

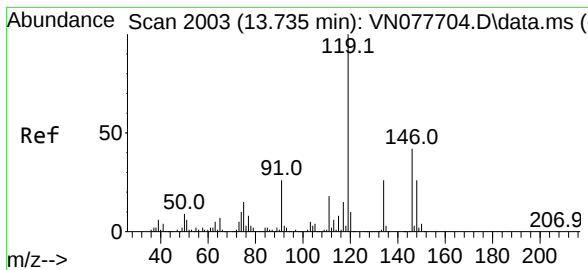
Ion Ratio Lower Upper

152 100

115 77.6 32.3 96.8

150 159.5 0.0 355.8

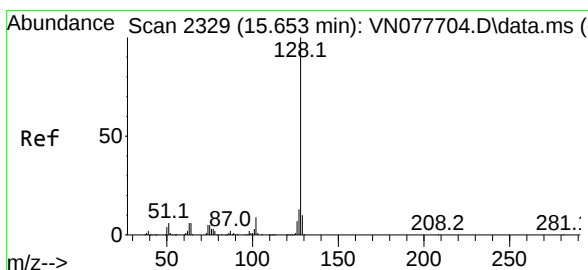
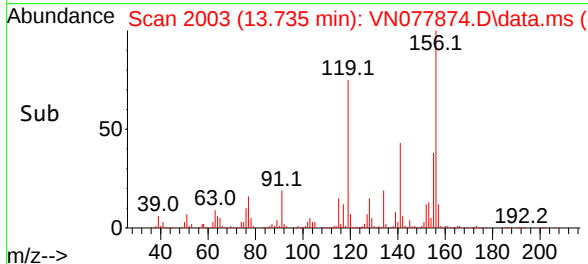
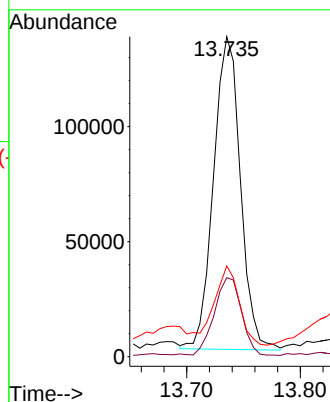
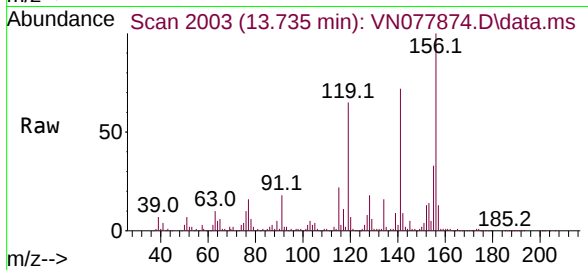




#86
 p-Isopropyltoluene
 Concen: 9.495 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077874.D
 Acq: 25 May 2023 02:11

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Tgt Ion:119 Resp: 223531
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 24.1 12.4 37.2



#95
 Naphthalene
 Concen: 7.852 ug/l
 RT: 15.653 min Scan# 2329
 Delta R.T. 0.006 min
 Lab File: VN077874.D
 Acq: 25 May 2023 02:11

Tgt Ion:128 Resp: 176356
 Ion Ratio Lower Upper
 128 100
 127 21.8 10.0 15.0#
 129 22.0 8.7 13.1#

