

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080167.D
 Acq On : 17 Nov 2023 16:53
 Operator : JC\MD
 Sample : 05449-32
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SED-04-G

Quant Time: Nov 18 02:33:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

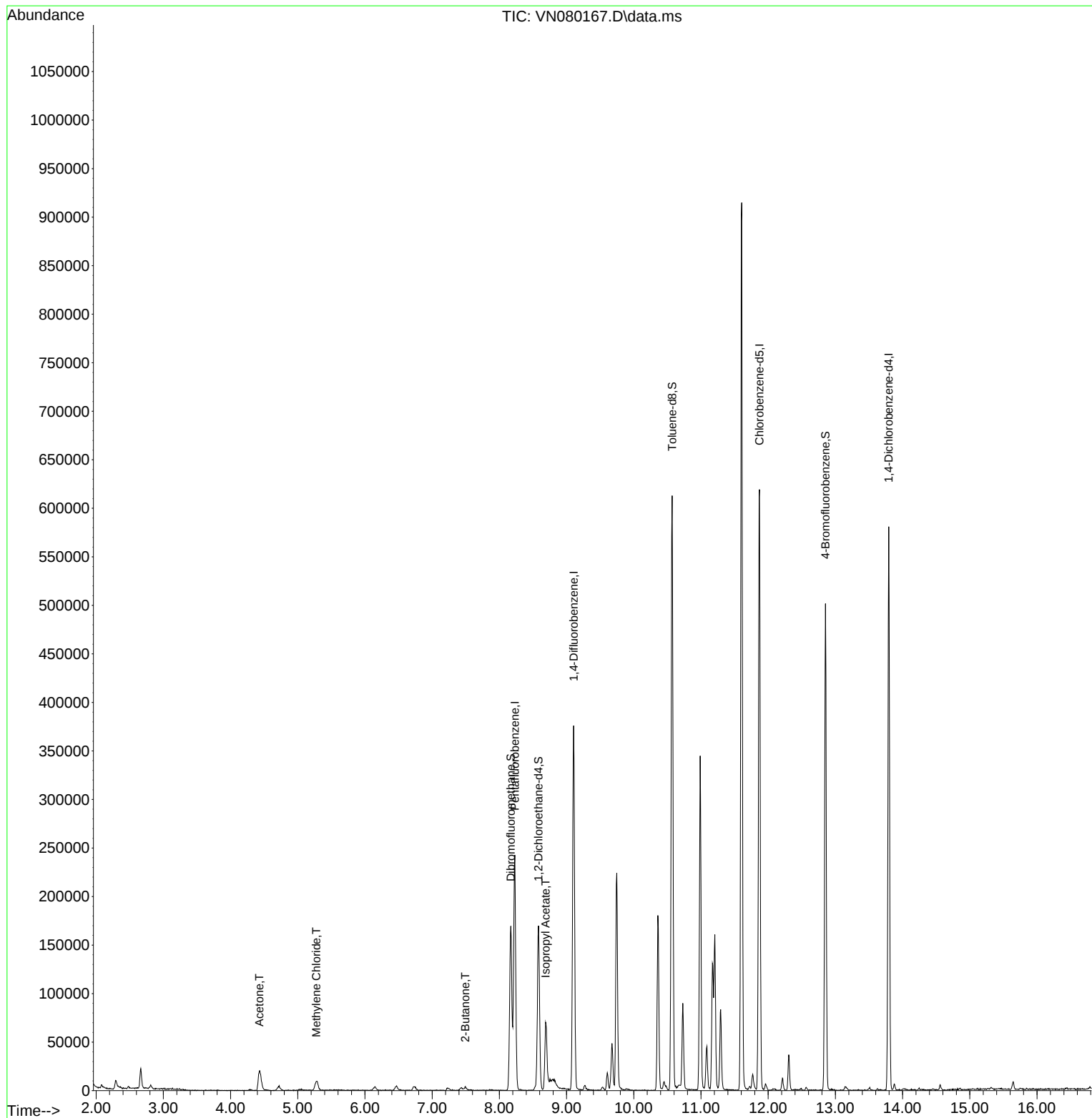
Internal Standards						
1) Pentafluorobenzene	8.230	168	163151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	310602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	350184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	150573	55.894	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.780%
35) Dibromofluoromethane	8.171	113	117063	51.078	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.160%
50) Toluene-d8	10.571	98	421711	51.045	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.080%
62) 4-Bromofluorobenzene	12.853	95	168577	54.022	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.040%
Target Compounds						
						Qvalue
16) Acetone	4.430	43	41526	45.895	ug/l	89
20) Methylene Chloride	5.277	84	7917	4.178	ug/l	94
25) 2-Butanone	7.494	43	5852	5.444	ug/l	98
43) Isopropyl Acetate	8.688	43	79004	17.639	ug/l #	84

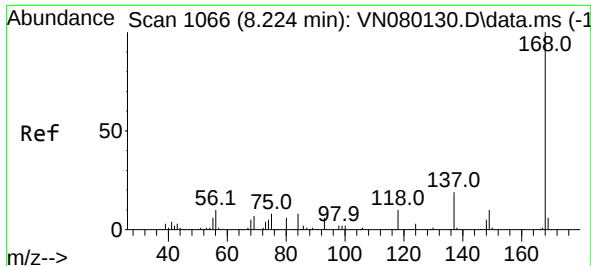
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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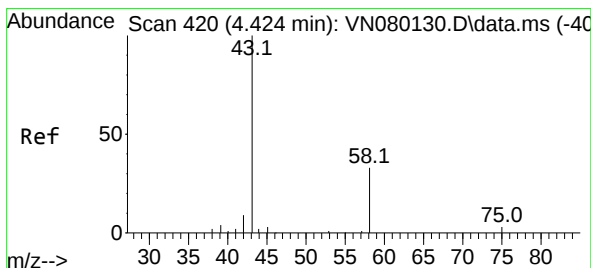
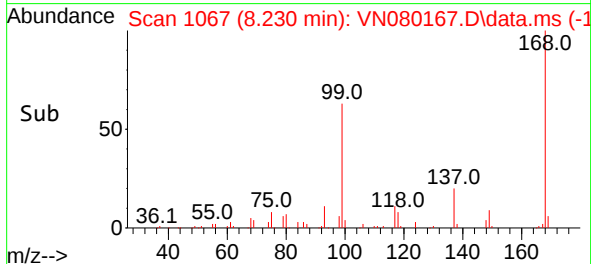
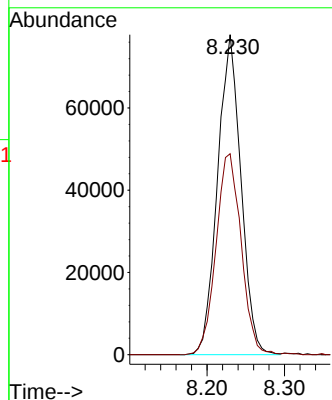
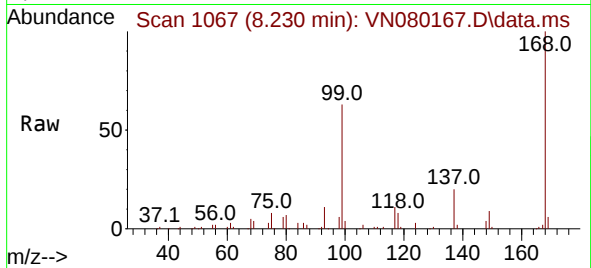




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080167.D
Acq: 17 Nov 2023 16:53

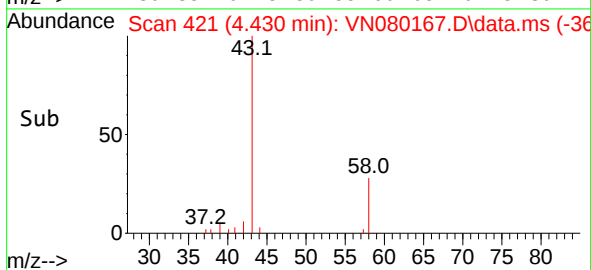
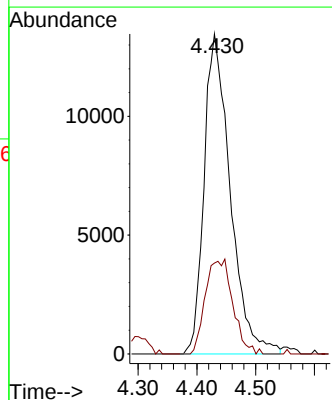
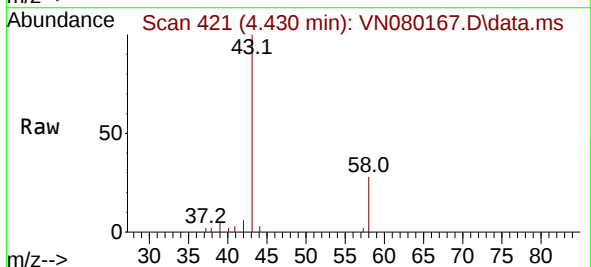
Instrument :
MSVOA_N
ClientSampleId :
WC-SED-04-G

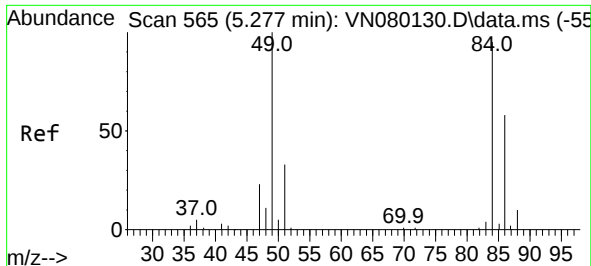
Tgt Ion:168 Resp: 163151
Ion Ratio Lower Upper
168 100
99 62.8 53.0 79.6



#16
Acetone
Concen: 45.895 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080167.D
Acq: 17 Nov 2023 16:53

Tgt Ion: 43 Resp: 41526
Ion Ratio Lower Upper
43 100
58 28.4 28.0 42.0

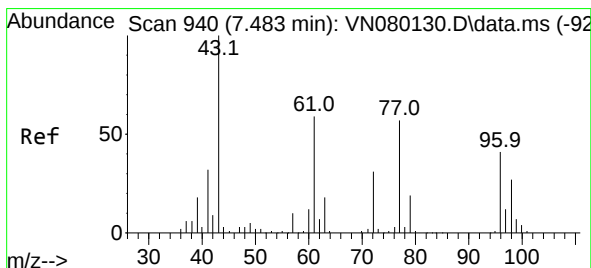
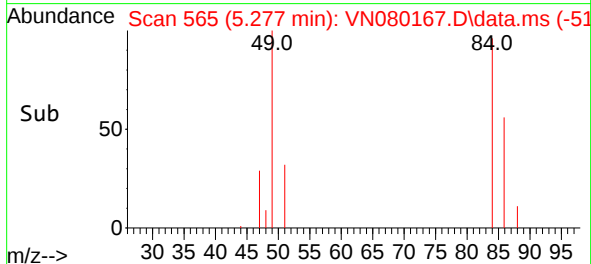
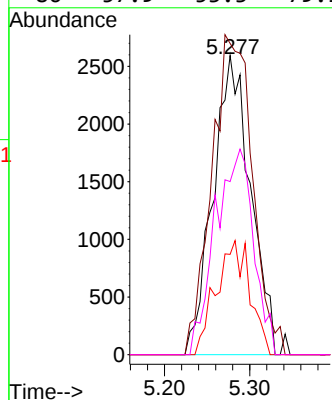
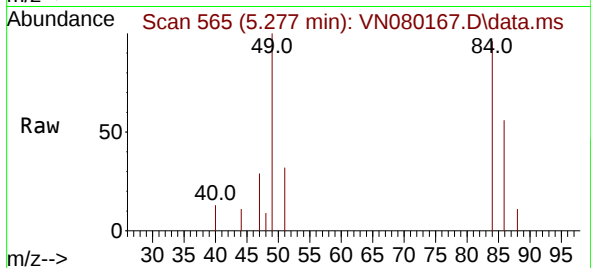




#20
Methylene Chloride
Concen: 4.178 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080167.D
Acq: 17 Nov 2023 16:53

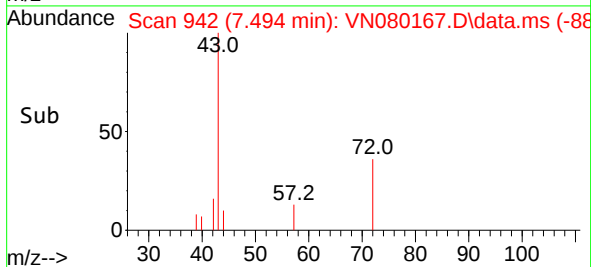
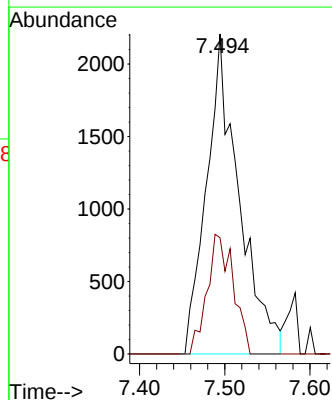
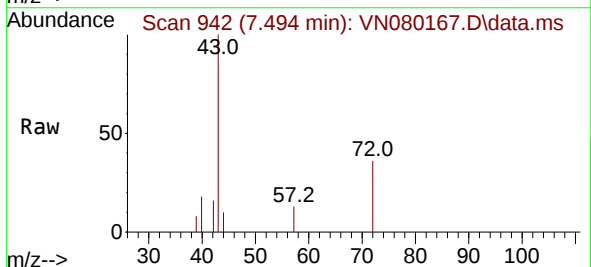
Instrument :
MSVOA_N
ClientSampleId :
WC-SED-04-G

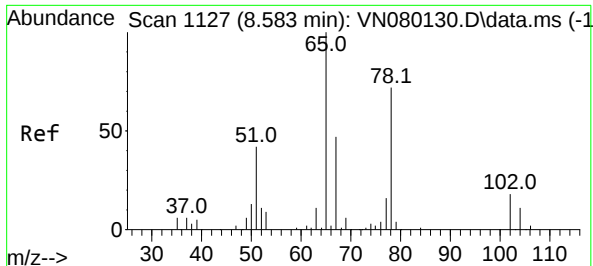
Tgt Ion:	84	Resp:	7917
Ion	Ratio	Lower	Upper
84	100		
49	104.0	79.7	119.5
51	33.5	25.2	37.8
86	57.9	53.3	79.9



#25
2-Butanone
Concen: 5.444 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080167.D
Acq: 17 Nov 2023 16:53

Tgt Ion:	43	Resp:	5852
Ion	Ratio	Lower	Upper
43	100		
72	36.3	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 55.894 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080167.D

Acq: 17 Nov 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

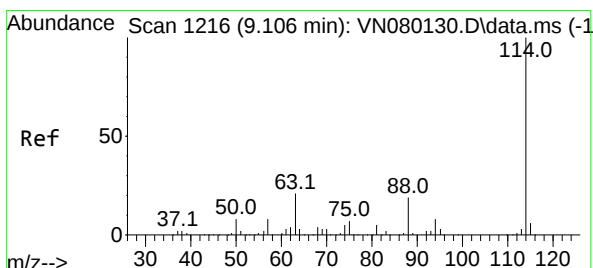
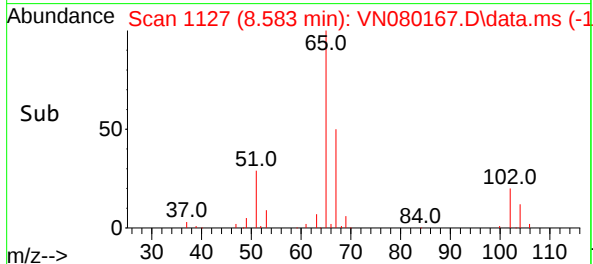
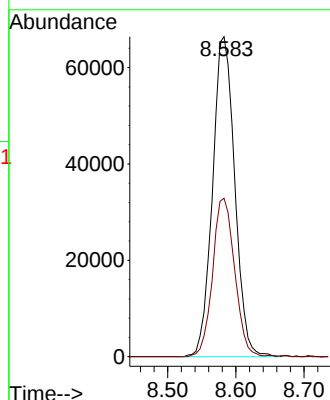
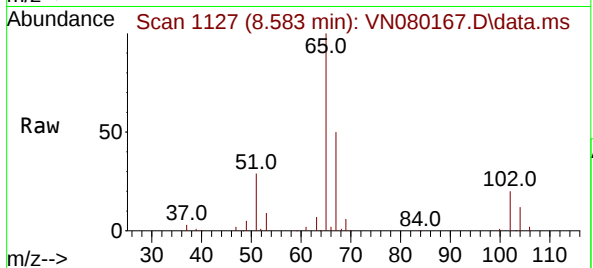
WC-SED-04-G

Tgt Ion: 65 Resp: 150573

Ion Ratio Lower Upper

65 100

67 49.2 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: VN080167.D

Acq: 17 Nov 2023 16:53

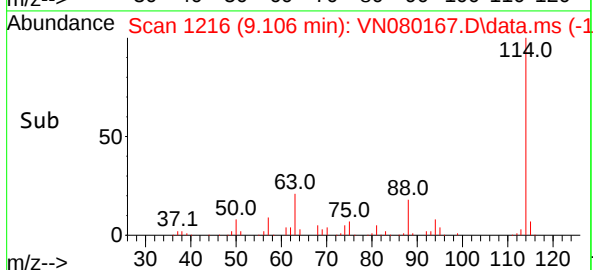
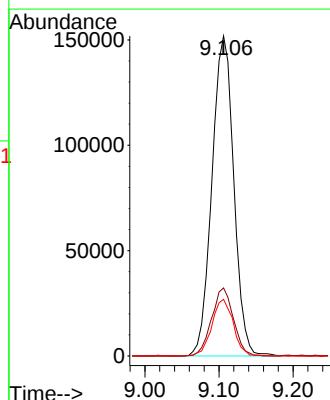
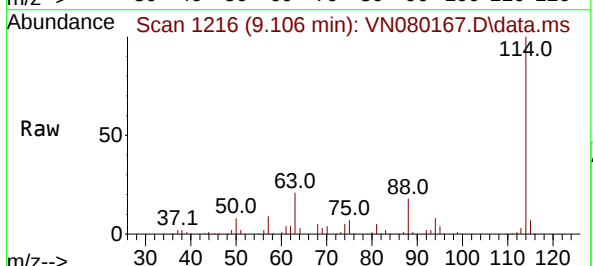
Tgt Ion: 114 Resp: 310602

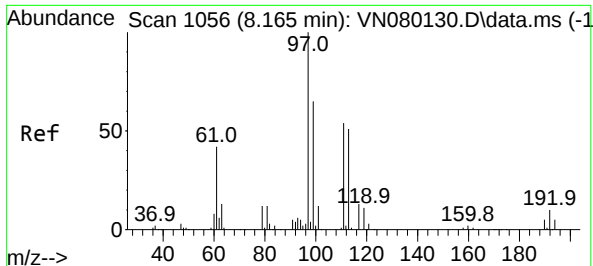
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

88 17.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.078 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN080167.D

Acq: 17 Nov 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

WC-SED-04-G

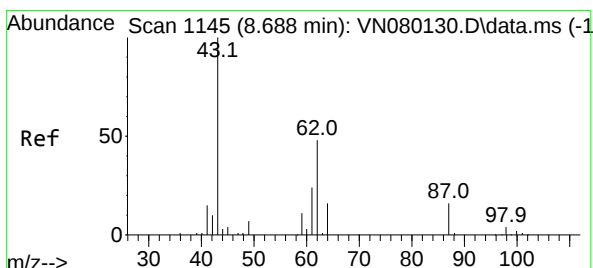
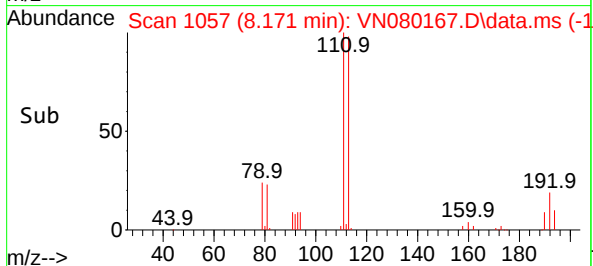
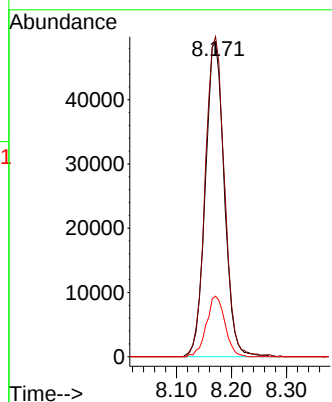
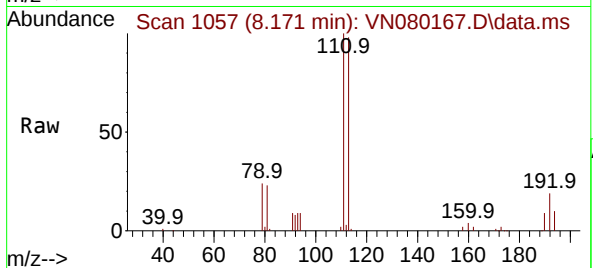
Tgt Ion:113 Resp: 117063

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

192 18.9 12.7 19.1



#43

Isopropyl Acetate

Concen: 17.639 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080167.D

Acq: 17 Nov 2023 16:53

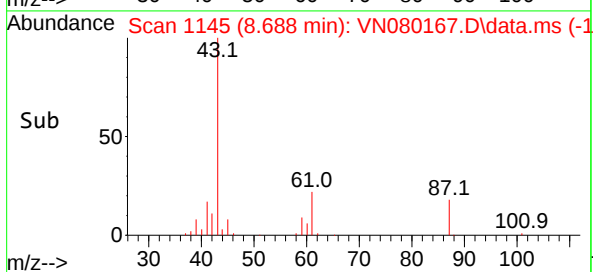
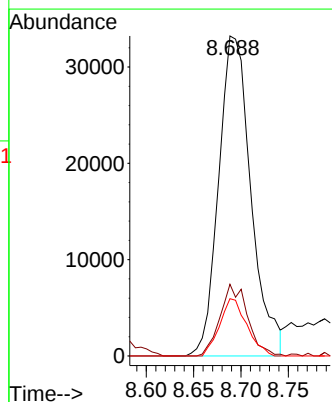
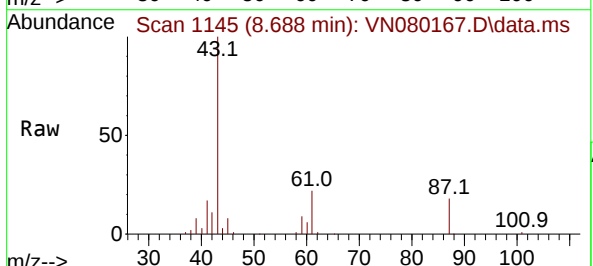
Tgt Ion: 43 Resp: 79004

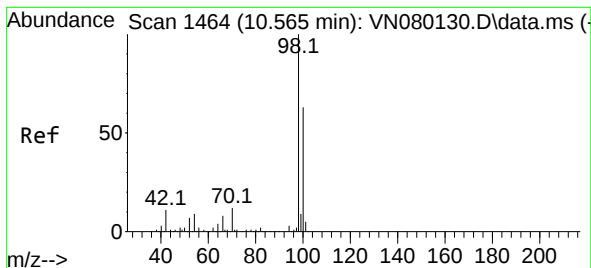
Ion Ratio Lower Upper

43 100

61 19.1 24.7 37.1#

87 15.0 14.6 21.8





#50

Toluene-d8

Concen: 51.045 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080167.D

Acq: 17 Nov 2023 16:53

Instrument :

MSVOA_N

ClientSampleId :

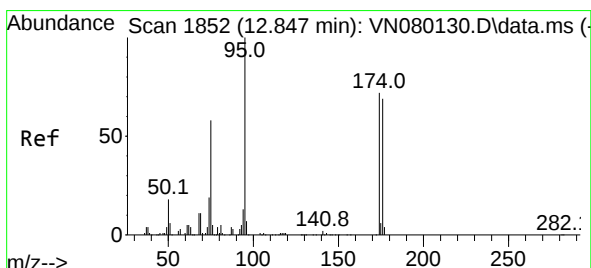
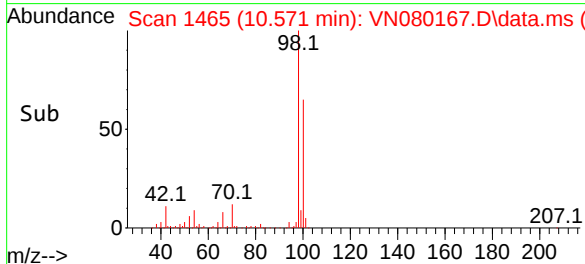
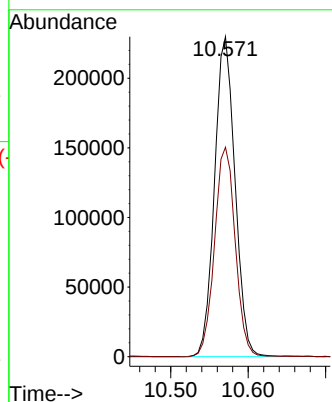
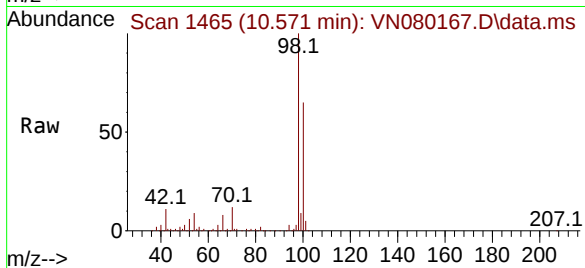
WC-SED-04-G

Tgt Ion: 98 Resp: 421711

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.022 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080167.D

Acq: 17 Nov 2023 16:53

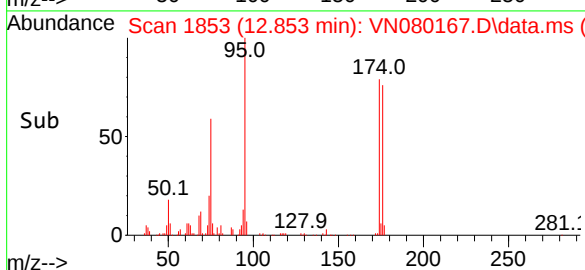
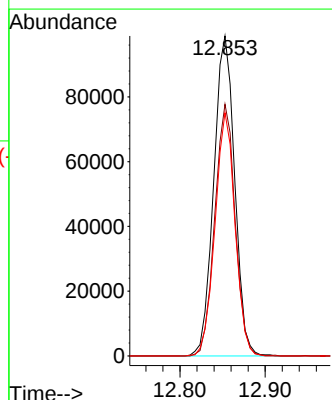
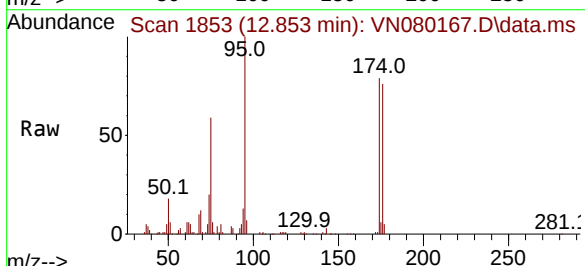
Tgt Ion: 95 Resp: 168577

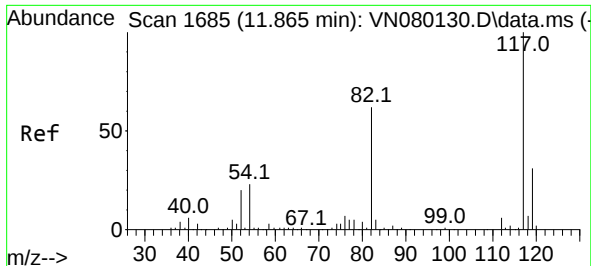
Ion Ratio Lower Upper

95 100

174 76.5 0.0 143.8

176 72.7 0.0 135.8

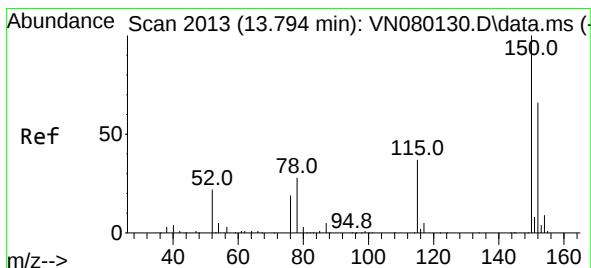
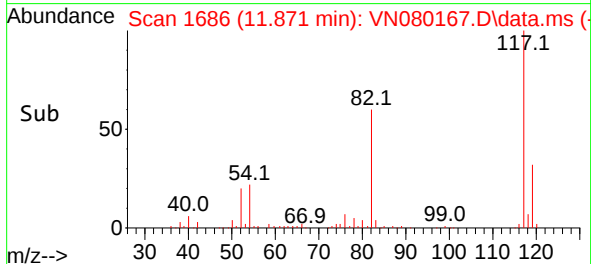
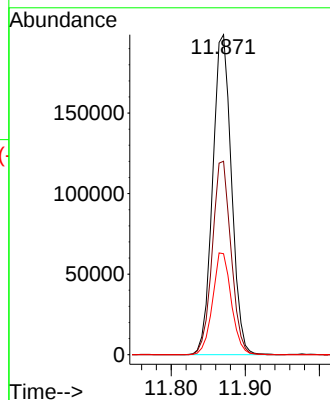
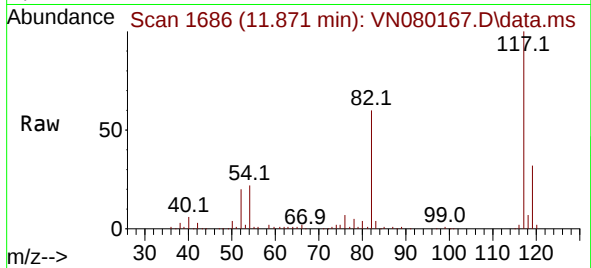




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080167.D
Acq: 17 Nov 2023 16:53

Instrument :
MSVOA_N
ClientSampleId :
WC-SED-04-G

Tgt Ion:117 Resp: 350184
Ion Ratio Lower Upper
117 100
82 60.5 44.0 66.0
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080167.D
Acq: 17 Nov 2023 16:53

Tgt Ion:152 Resp: 152047
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 154.8 0.0 355.8

