

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080387.D
 Acq On : 06 Dec 2023 15:35
 Operator : JC\MD
 Sample : PB157577TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157577TB

Quant Time: Dec 07 01:01:04 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)

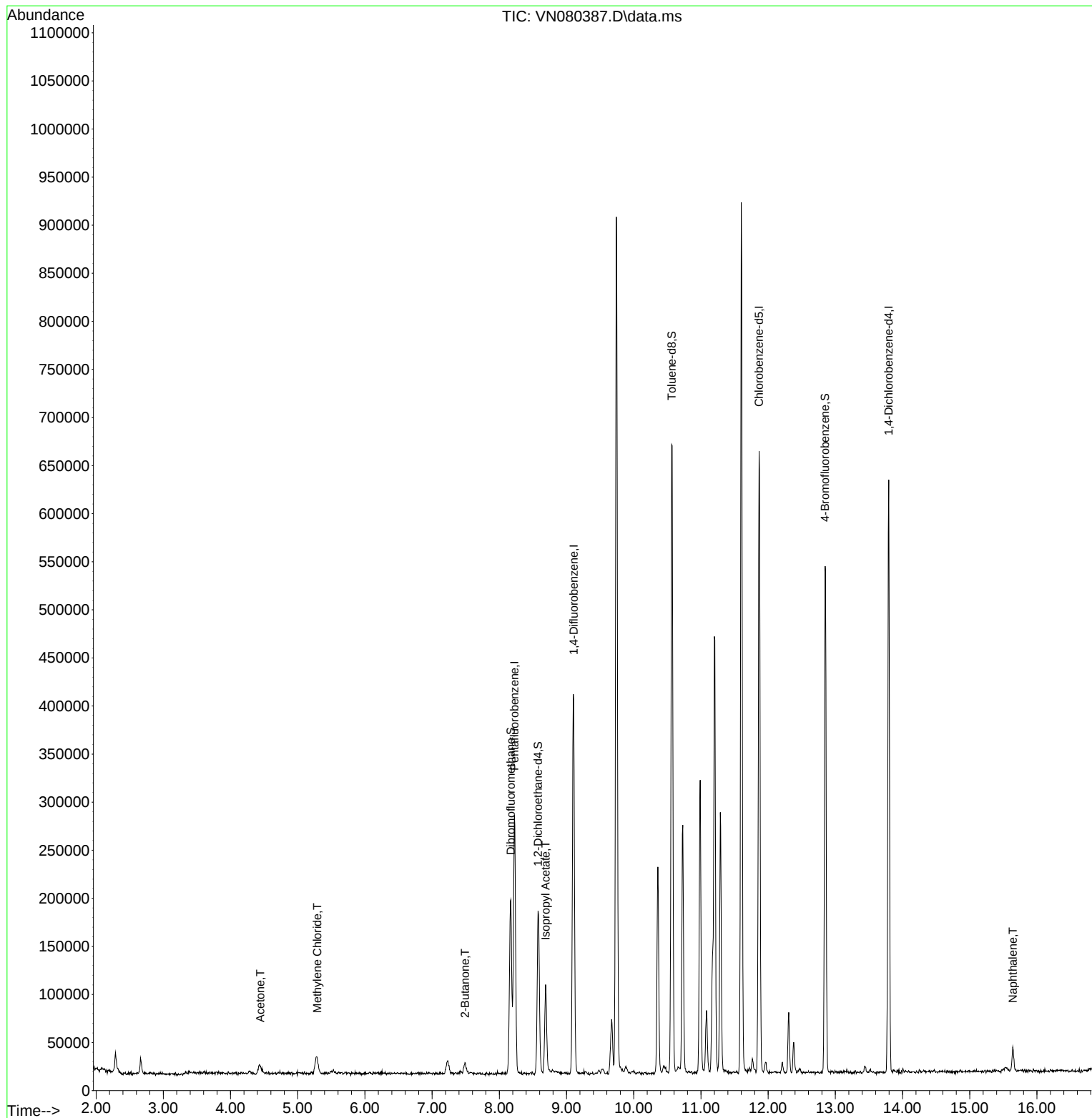
Internal Standards						
1) Pentafluorobenzene	8.224	168	185620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	374579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159927	52.181	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.360%			
35) Dibromofluoromethane	8.171	113	126046	49.844	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	10.565	98	467470	51.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.847	95	186304	54.108	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.220%			
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	17663	17.158	ug/l #	82
20) Methylene Chloride	5.289	84	15358	7.124	ug/l #	91
25) 2-Butanone	7.489	43	16974	13.878	ug/l	95
43) Isopropyl Acetate	8.688	43	100085	20.252	ug/l #	87
95) Naphthalene	15.641	128	23056	2.476	ug/l #	94

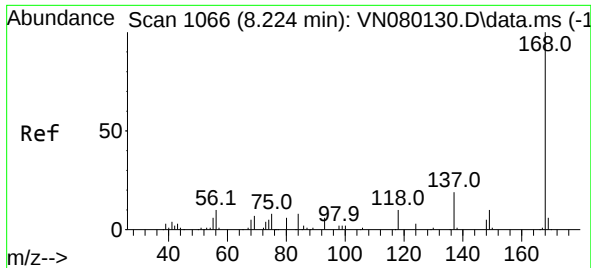
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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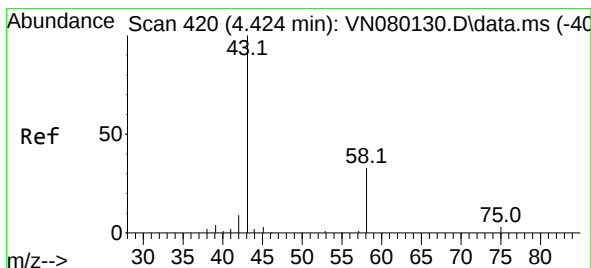
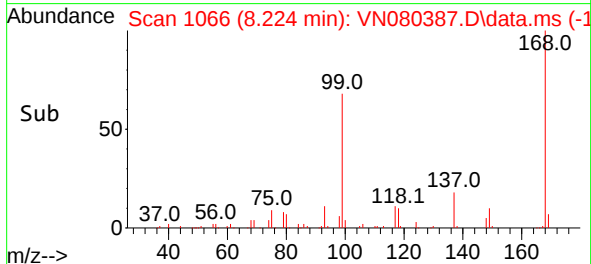
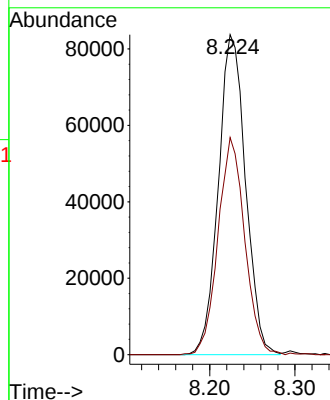
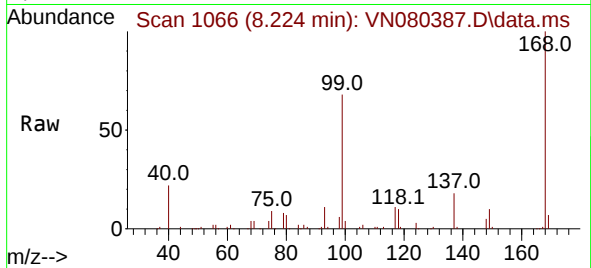




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

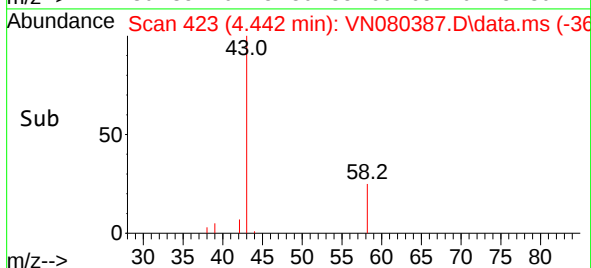
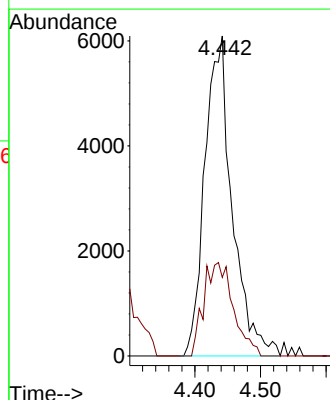
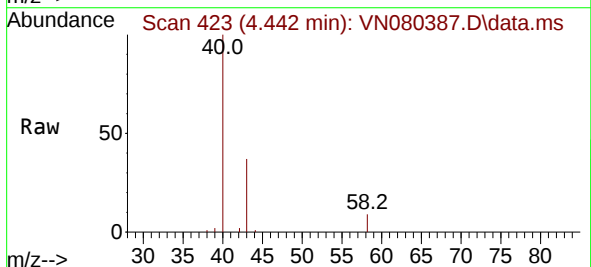
Instrument :
MSVOA_N
ClientSampleId :
PB157577TB

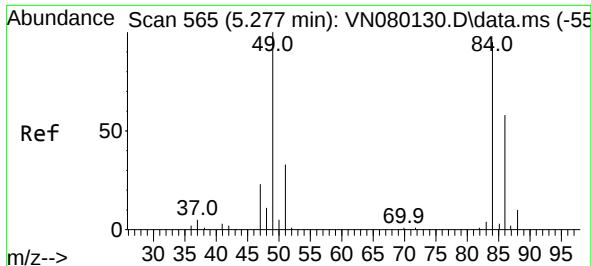
Tgt Ion:168 Resp: 185620
Ion Ratio Lower Upper
168 100
99 67.9 53.0 79.6



#16
Acetone
Concen: 17.158 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

Tgt Ion: 43 Resp: 17663
Ion Ratio Lower Upper
43 100
58 24.6 28.0 42.0#

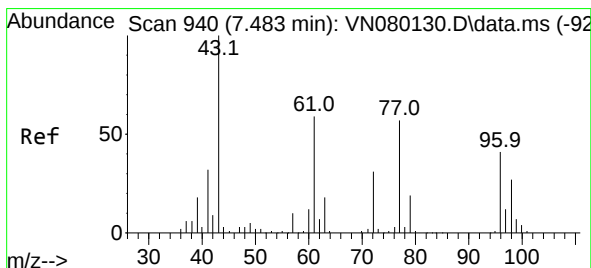
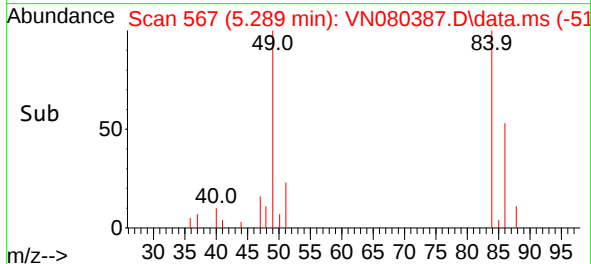
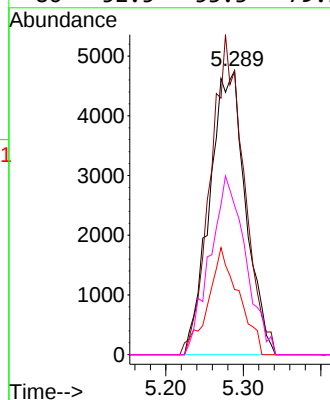
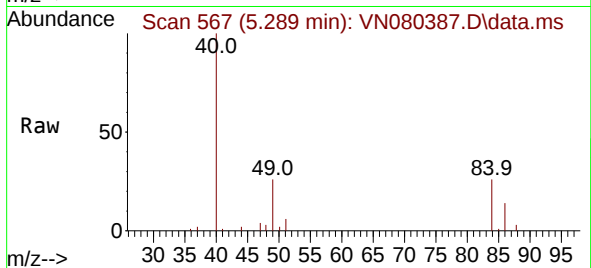




#20
Methylene Chloride
Concen: 7.124 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

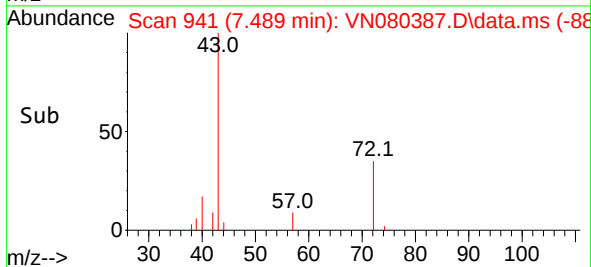
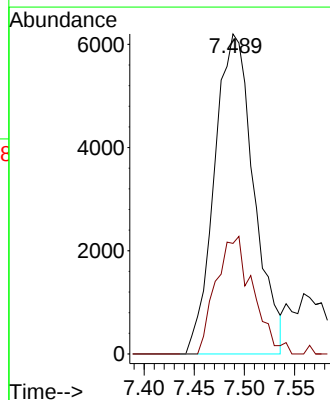
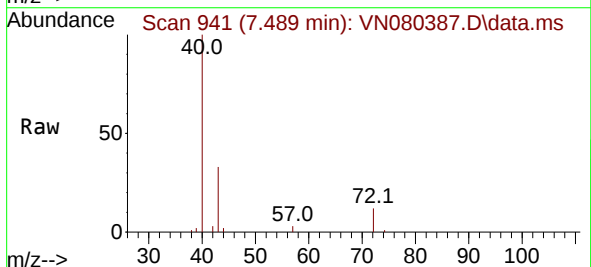
Instrument :
MSVOA_N
ClientSampleId :
PB157577TB

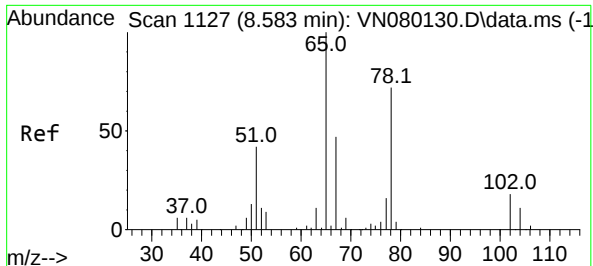
Tgt Ion:	84	Resp:	15358
Ion	Ratio	Lower	Upper
84	100		
49	99.8	79.7	119.5
51	22.9	25.2	37.8#
86	52.5	53.3	79.9#



#25
2-Butanone
Concen: 13.878 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

Tgt Ion:	43	Resp:	16974
Ion	Ratio	Lower	Upper
43	100		
72	34.6	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 52.181 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080387.D

Acq: 06 Dec 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

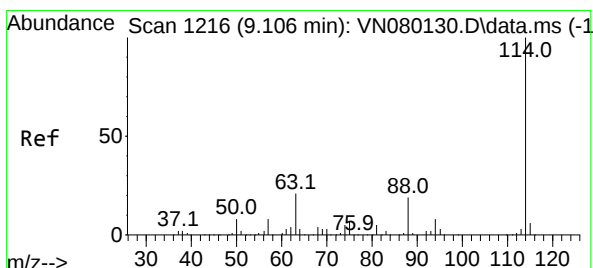
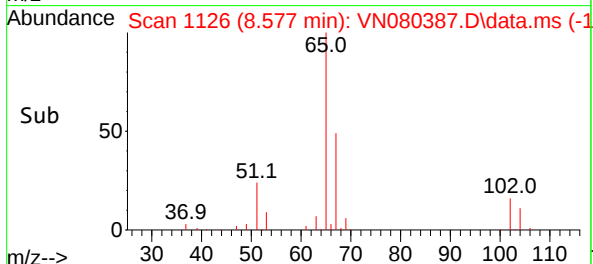
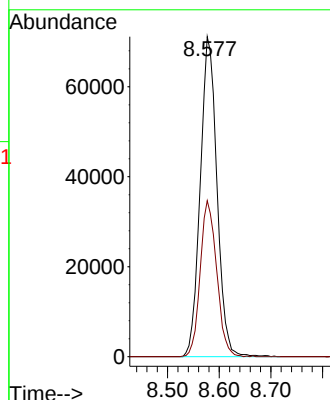
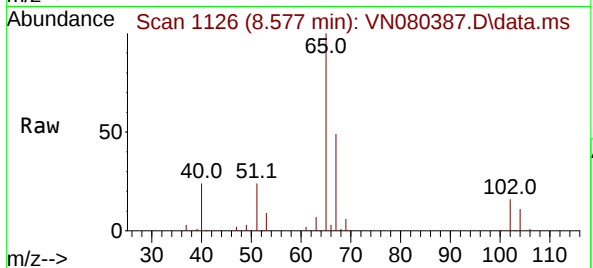
PB157577TB

Tgt Ion: 65 Resp: 159927

Ion Ratio Lower Upper

65 100

67 47.9 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: VN080387.D

Acq: 06 Dec 2023 15:35

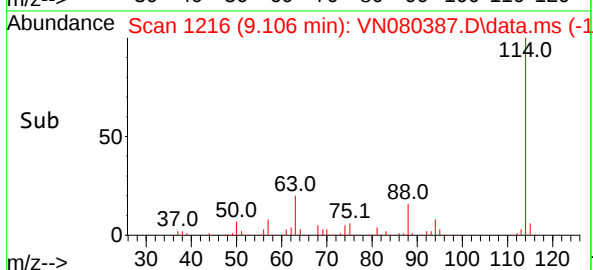
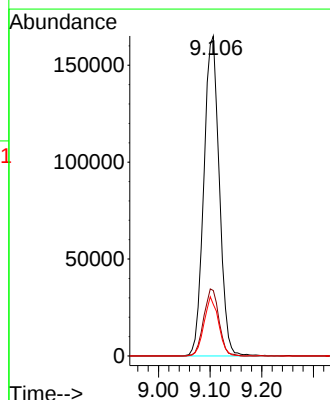
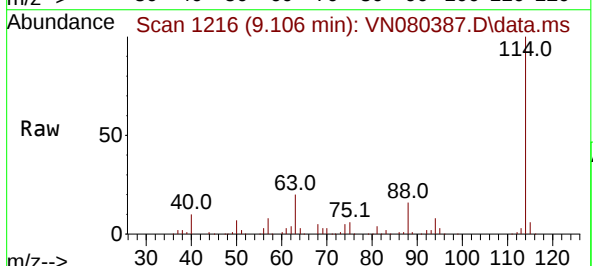
Tgt Ion: 114 Resp: 342717

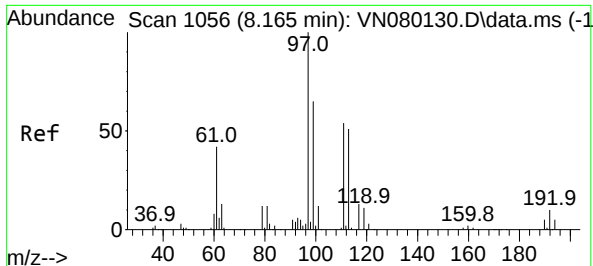
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 16.1 0.0 30.6

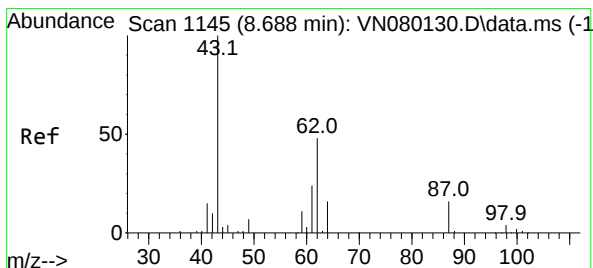
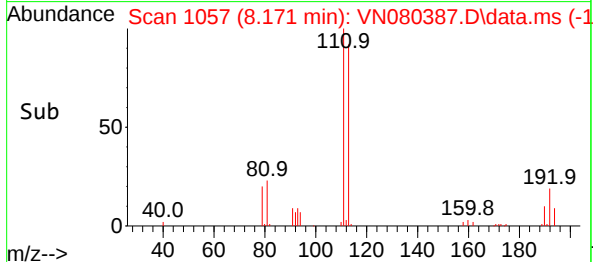
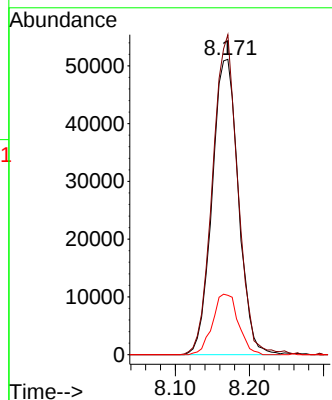
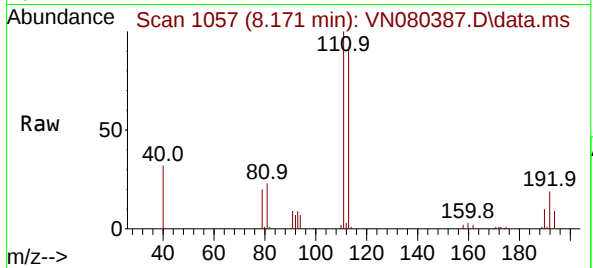




#35
Dibromofluoromethane
Concen: 49.844 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

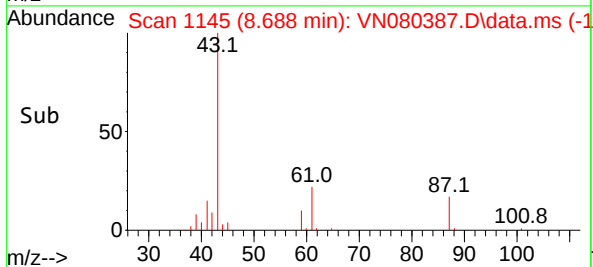
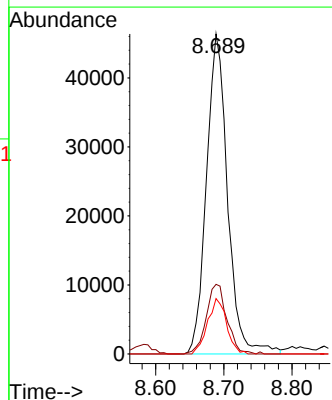
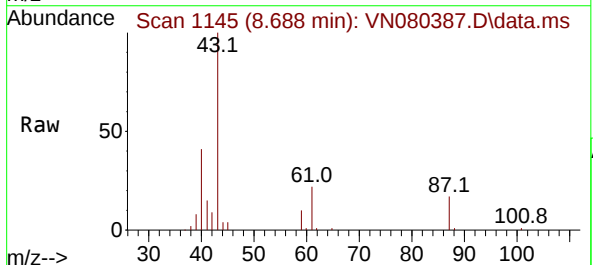
Instrument :
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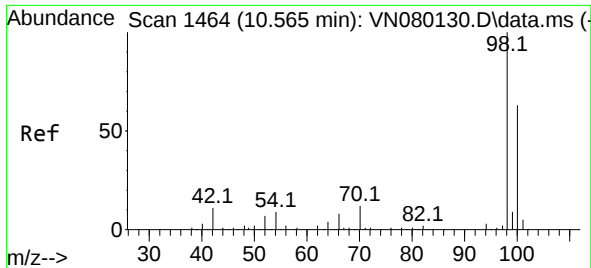
Tgt Ion:113 Resp: 126046
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 20.1 12.7 19.1#



#43
Isopropyl Acetate
Concen: 20.252 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

Tgt Ion: 43 Resp: 100085
Ion Ratio Lower Upper
43 100
61 21.1 24.7 37.1#
87 15.5 14.6 21.8

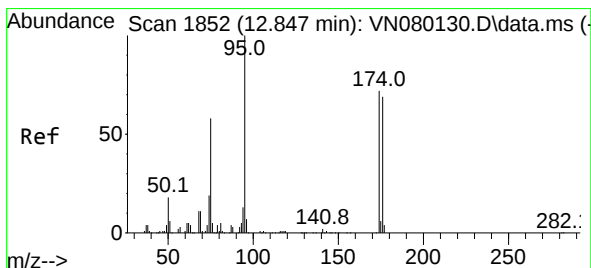
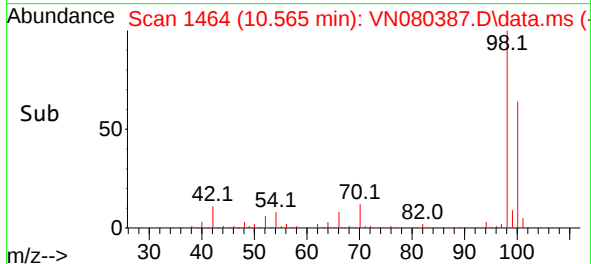
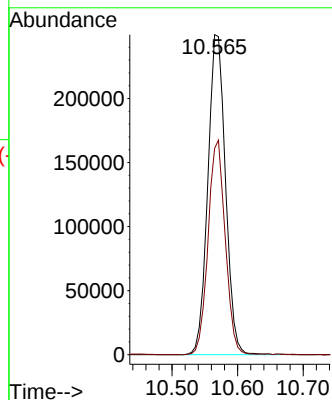
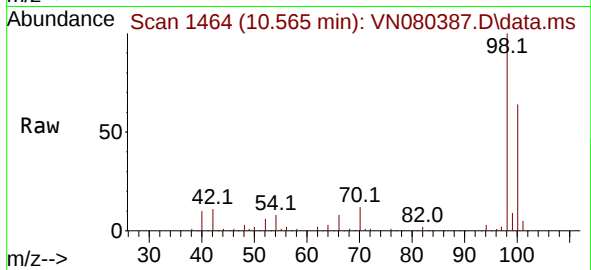




#50
Toluene-d8
Concen: 51.281 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

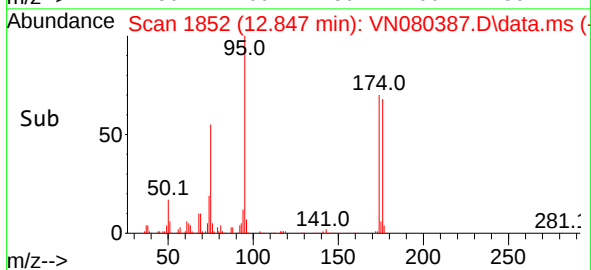
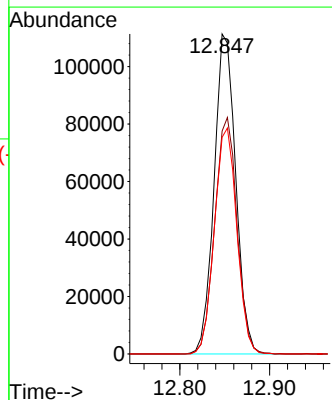
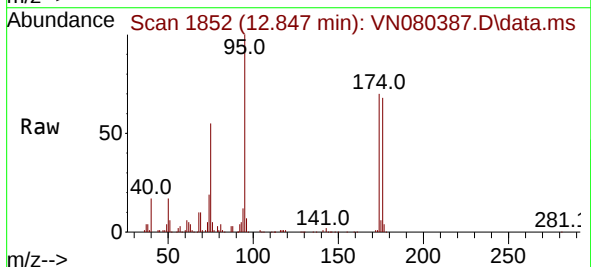
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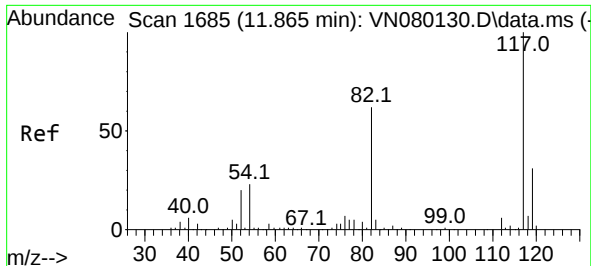
Tgt Ion: 98 Resp: 467470
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.108 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

Tgt Ion: 95 Resp: 186304
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 73.2 0.0 135.8

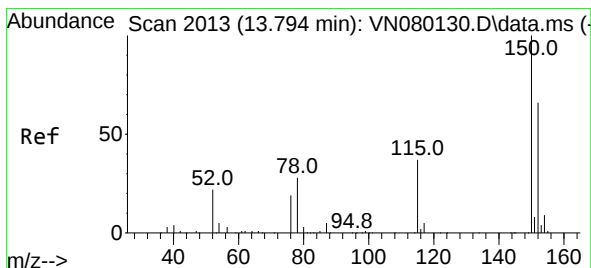
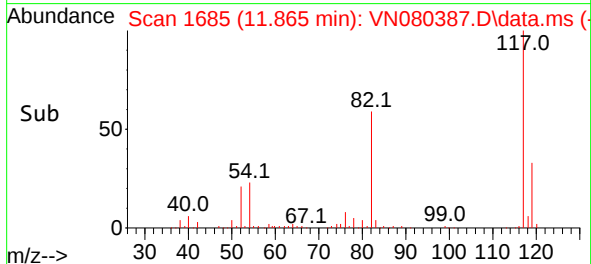
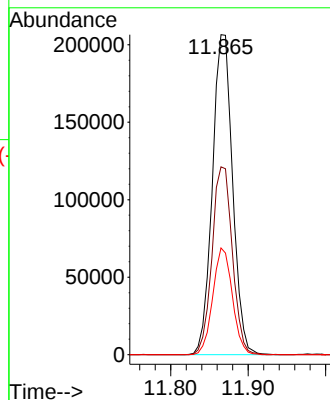
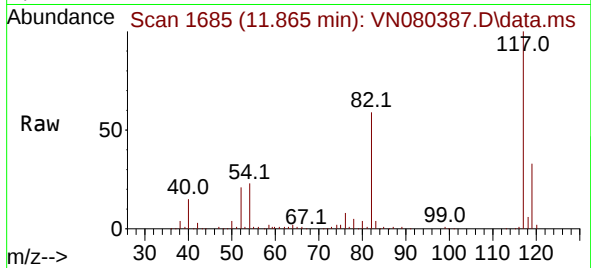




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

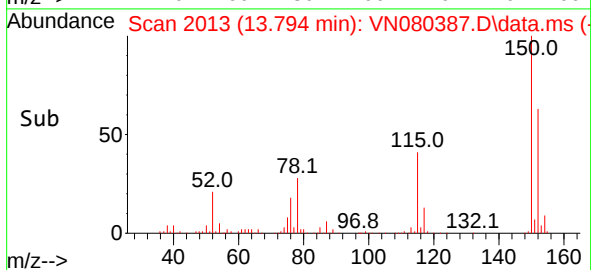
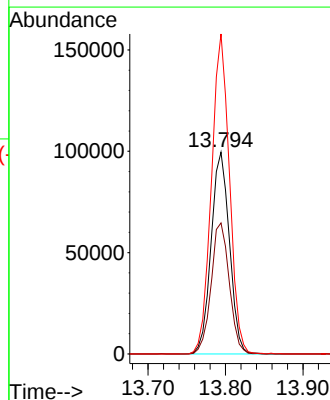
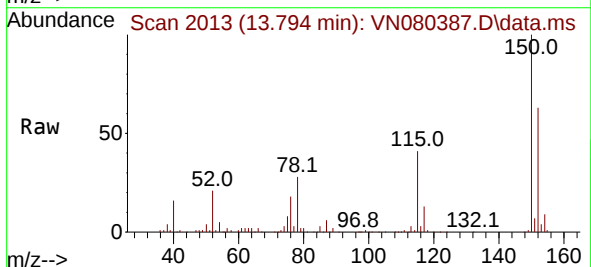
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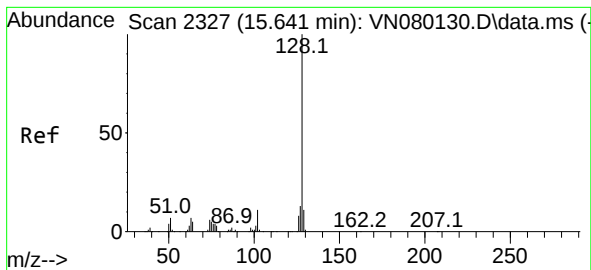
Tgt Ion:117 Resp: 374579
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 33.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080387.D
Acq: 06 Dec 2023 15:35

Tgt Ion:152 Resp: 163424
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 155.5 0.0 355.8





#95

Naphthalene

Concen: 2.476 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080387.D

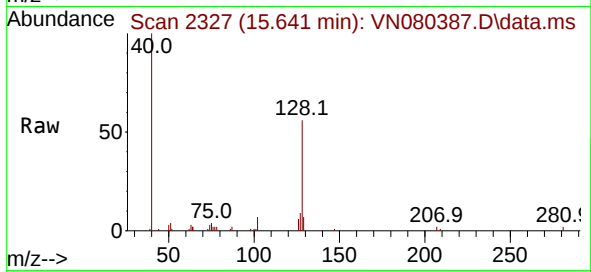
Acq: 06 Dec 2023 15:35

Instrument :

MSVOA_N

ClientSampleId :

PB157577TB



Tgt Ion:128 Resp: 23056

Ion Ratio Lower Upper

128 100

127 14.8 10.0 15.0

129 13.3 8.7 13.1#

