

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080569.D
 Acq On : 21 Dec 2023 13:29
 Operator : JC\MD
 Sample : PB157958TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157958TB

Quant Time: Dec 22 03:58:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

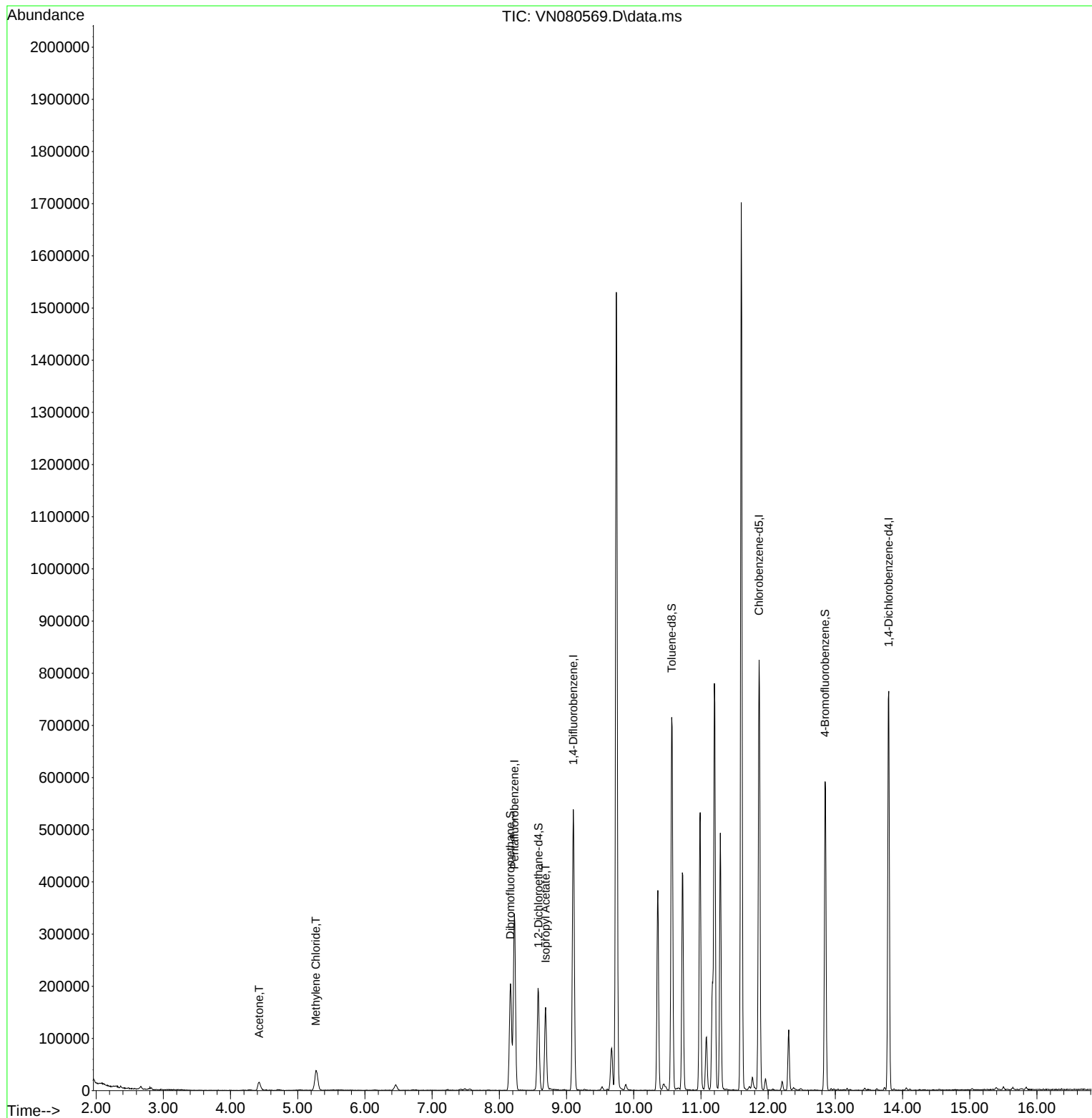
Internal Standards						
1) Pentafluorobenzene	8.224	168	242540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	460882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	484580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	163083	52.645	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.280%		
35) Dibromofluoromethane	8.165	113	149296	51.091	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.180%		
50) Toluene-d8	10.565	98	515982	47.346	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 94.700%		
62) 4-Bromofluorobenzene	12.847	95	214864	51.920	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.840%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	29493	53.695	ug/l	99
20) Methylene Chloride	5.271	84	33300	11.328	ug/l #	97
43) Isopropyl Acetate	8.689	43	169098	31.433	ug/l #	88

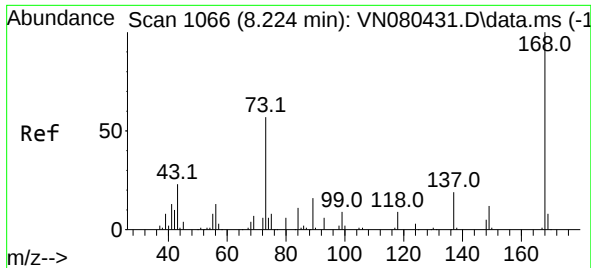
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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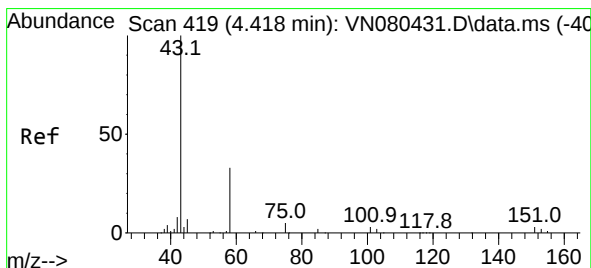
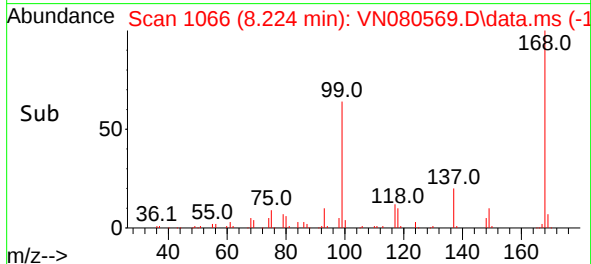
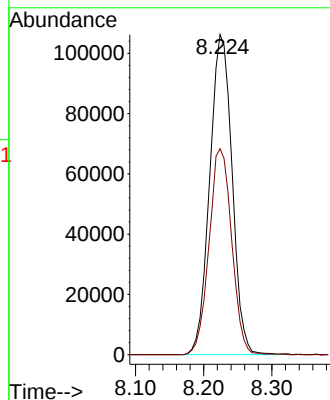
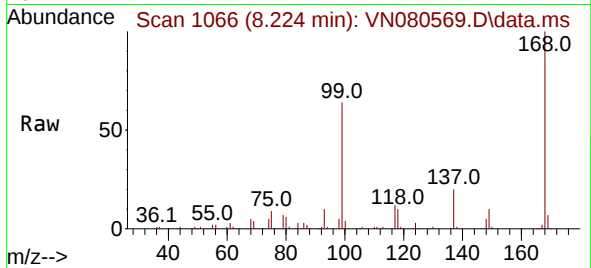




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080569.D
Acq: 21 Dec 2023 13:29

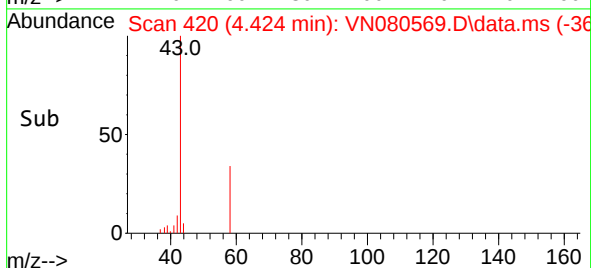
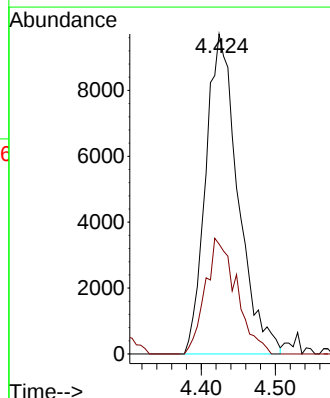
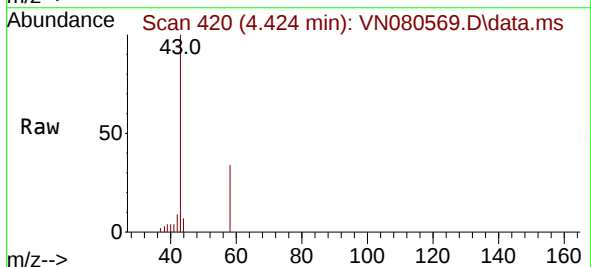
Instrument :
MSVOA_N
ClientSampleId :
PB157958TB

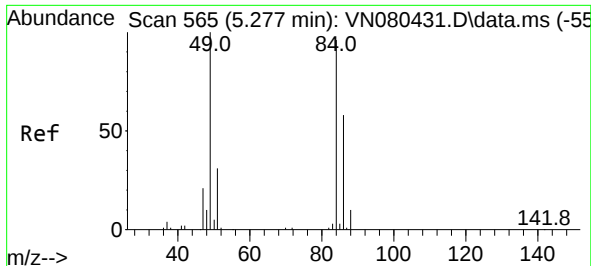
Tgt Ion:168 Resp: 242540
Ion Ratio Lower Upper
168 100
99 64.4 53.0 79.6



#16
Acetone
Concen: 53.695 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080569.D
Acq: 21 Dec 2023 13:29

Tgt Ion: 43 Resp: 29493
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0





#20

Methylene Chloride

Concen: 11.328 ug/l

RT: 5.271 min Scan# 5

Delta R.T. -0.006 min

Lab File: VN080569.D

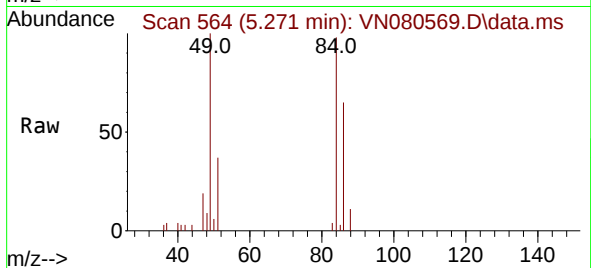
Acq: 21 Dec 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

PB157958TB



Tgt Ion: 84 Resp: 33300

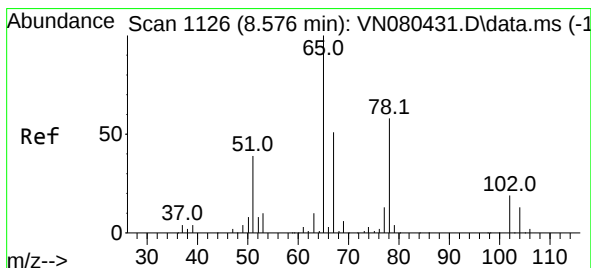
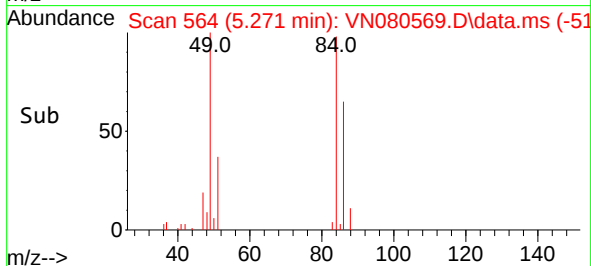
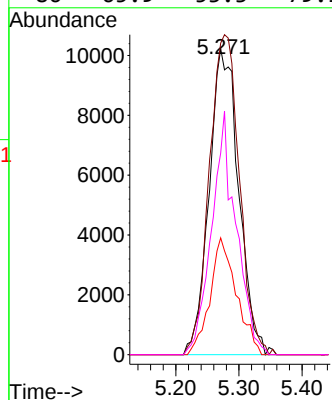
Ion Ratio Lower Upper

84 100

49 101.8 79.7 119.5

51 38.2 25.2 37.8#

86 65.9 53.3 79.9



#33

1,2-Dichloroethane-d4

Concen: 52.645 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080569.D

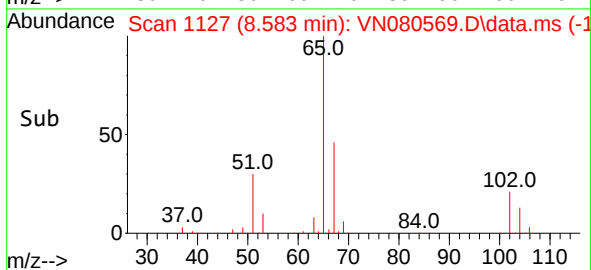
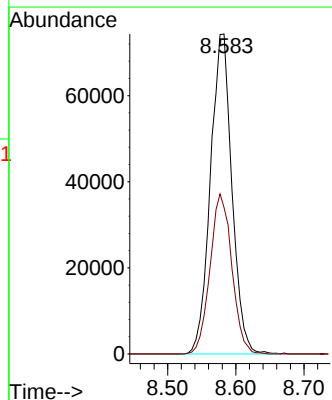
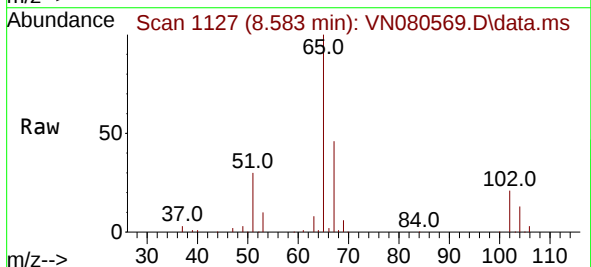
Acq: 21 Dec 2023 13:29

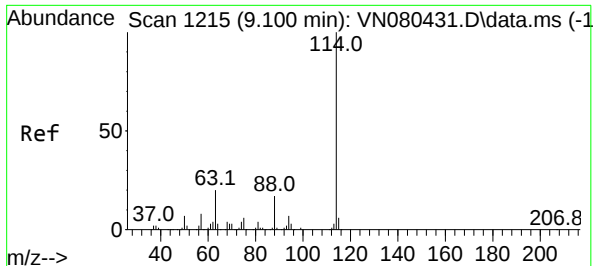
Tgt Ion: 65 Resp: 163083

Ion Ratio Lower Upper

65 100

67 50.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN080569.D

Acq: 21 Dec 2023 13:29

Instrument :

MSVOA_N

ClientSampleId :

PB157958TB

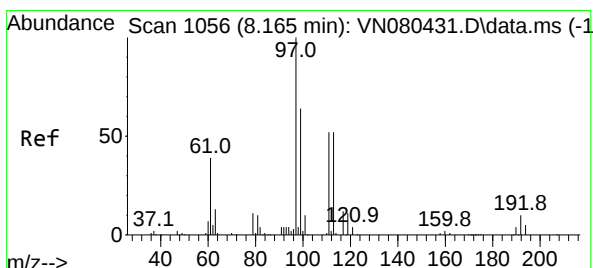
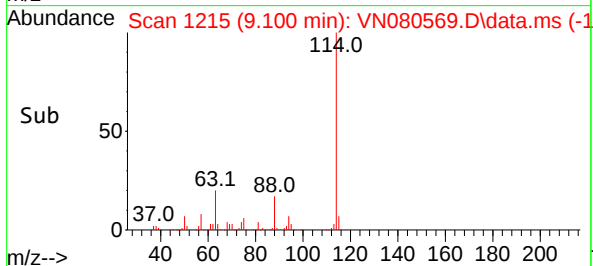
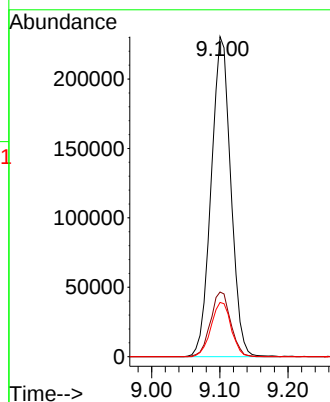
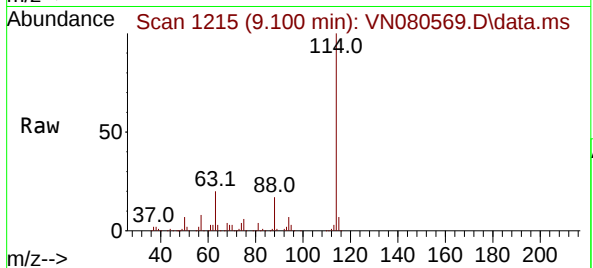
Tgt Ion:114 Resp: 460882

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.091 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080569.D

Acq: 21 Dec 2023 13:29

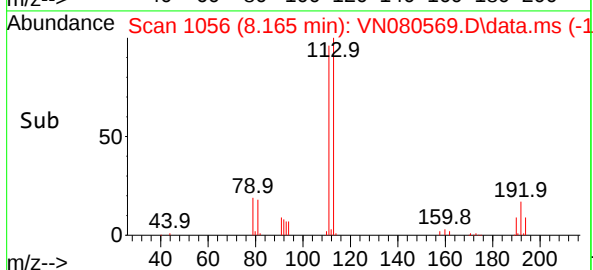
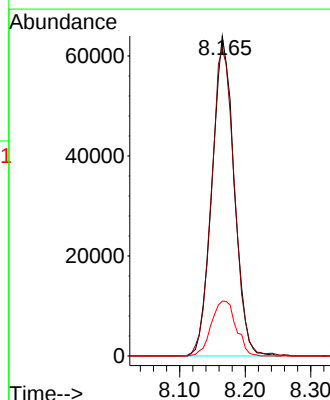
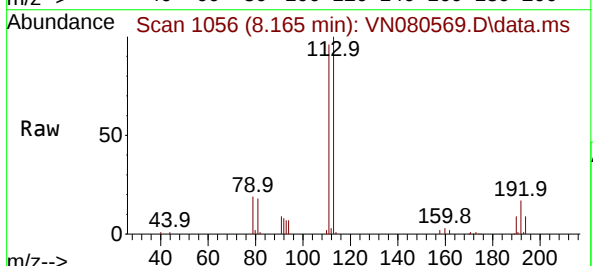
Tgt Ion:113 Resp: 149296

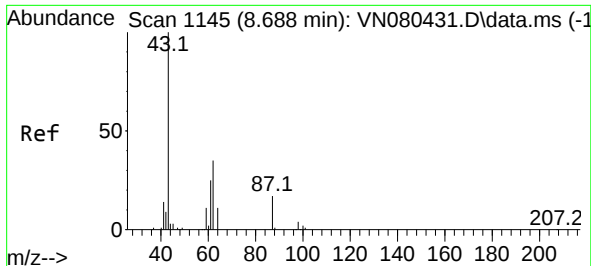
Ion Ratio Lower Upper

113 100

111 99.9 82.6 123.8

192 19.2 12.7 19.1#

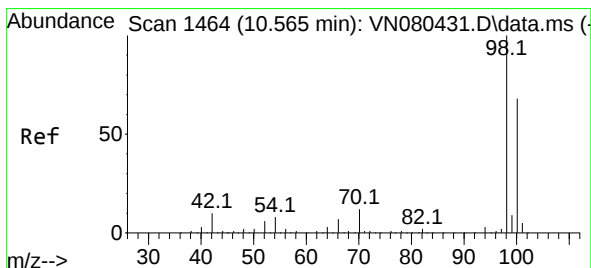
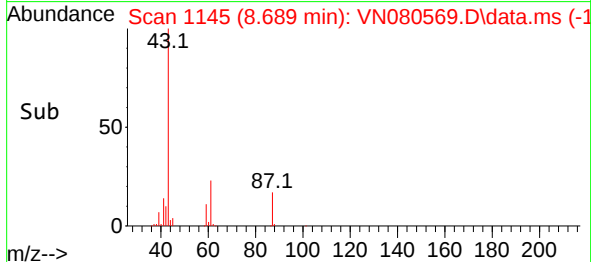
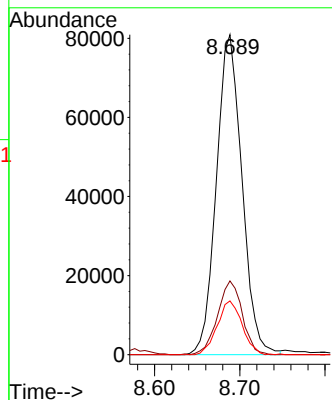
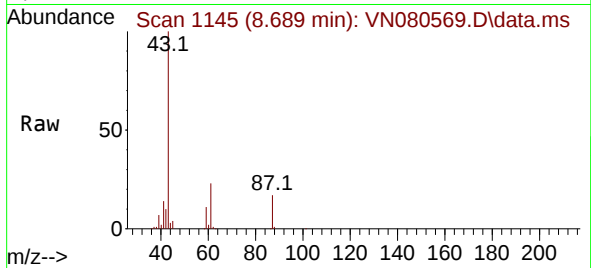




#43
Isopropyl Acetate
Concen: 31.433 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080569.D
Acq: 21 Dec 2023 13:29

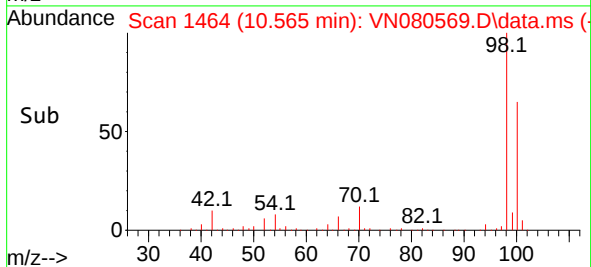
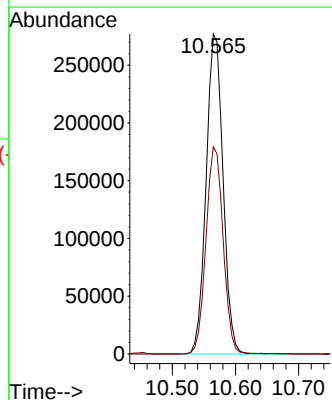
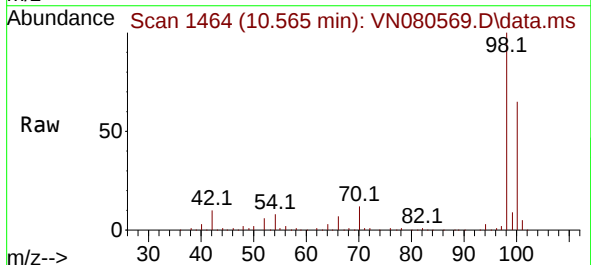
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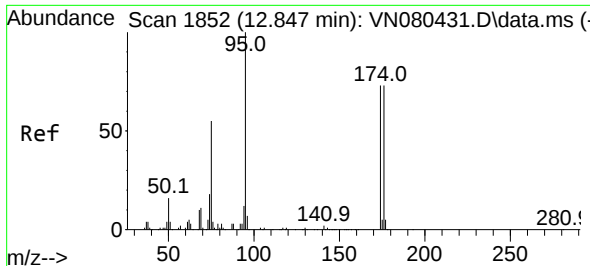
Tgt Ion: 43 Resp: 169098
Ion Ratio Lower Upper
43 100
61 22.2 24.7 37.1#
87 16.3 14.6 21.8



#50
Toluene-d8
Concen: 47.346 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080569.D
Acq: 21 Dec 2023 13:29

Tgt Ion: 98 Resp: 515982
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

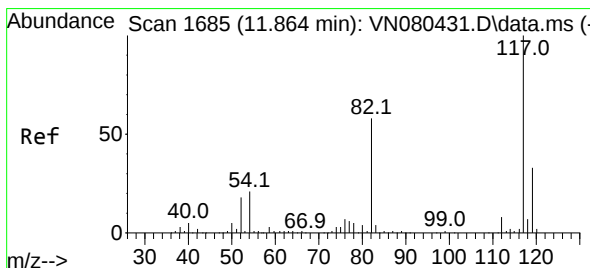
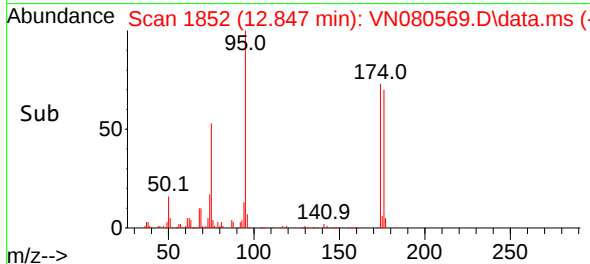
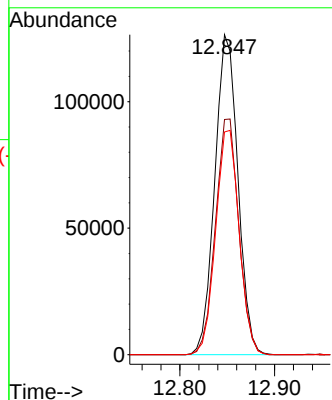
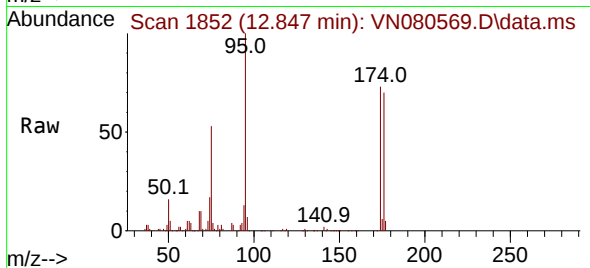




#62
4-Bromofluorobenzene
Concen: 51.920 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080569.D
Acq: 21 Dec 2023 13:29

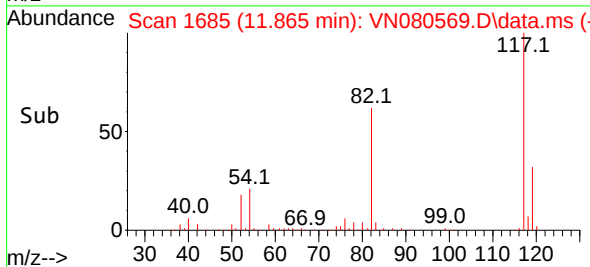
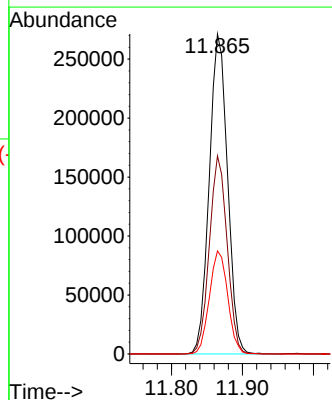
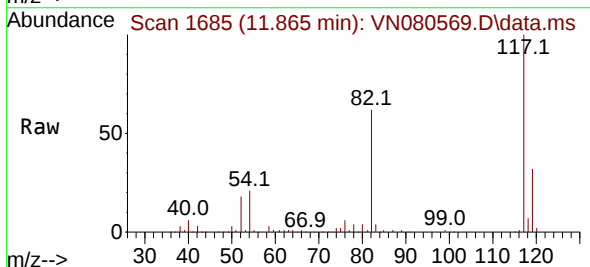
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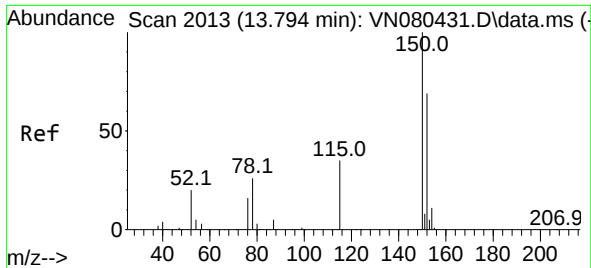
Tgt Ion: 95 Resp: 214864
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 71.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080569.D
Acq: 21 Dec 2023 13:29

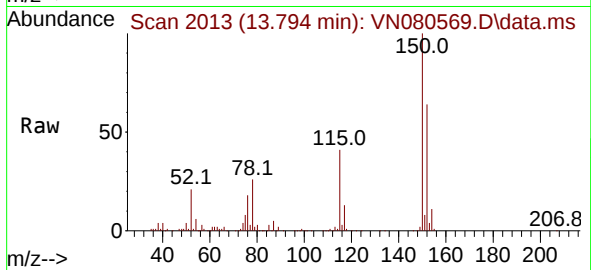
Tgt Ion: 117 Resp: 484580
Ion Ratio Lower Upper
117 100
82 61.9 44.0 66.0
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080569.D
 Acq: 21 Dec 2023 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157958TB



Tgt Ion:152 Resp: 210391
 Ion Ratio Lower Upper
 152 100
 115 66.0 32.3 96.8
 150 156.9 0.0 355.8

