

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080335.D
 Acq On : 04 Dec 2023 13:58
 Operator : JC\MD
 Sample : PB157524ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157524ZHE#04

Quant Time: Dec 05 04:15:16 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)

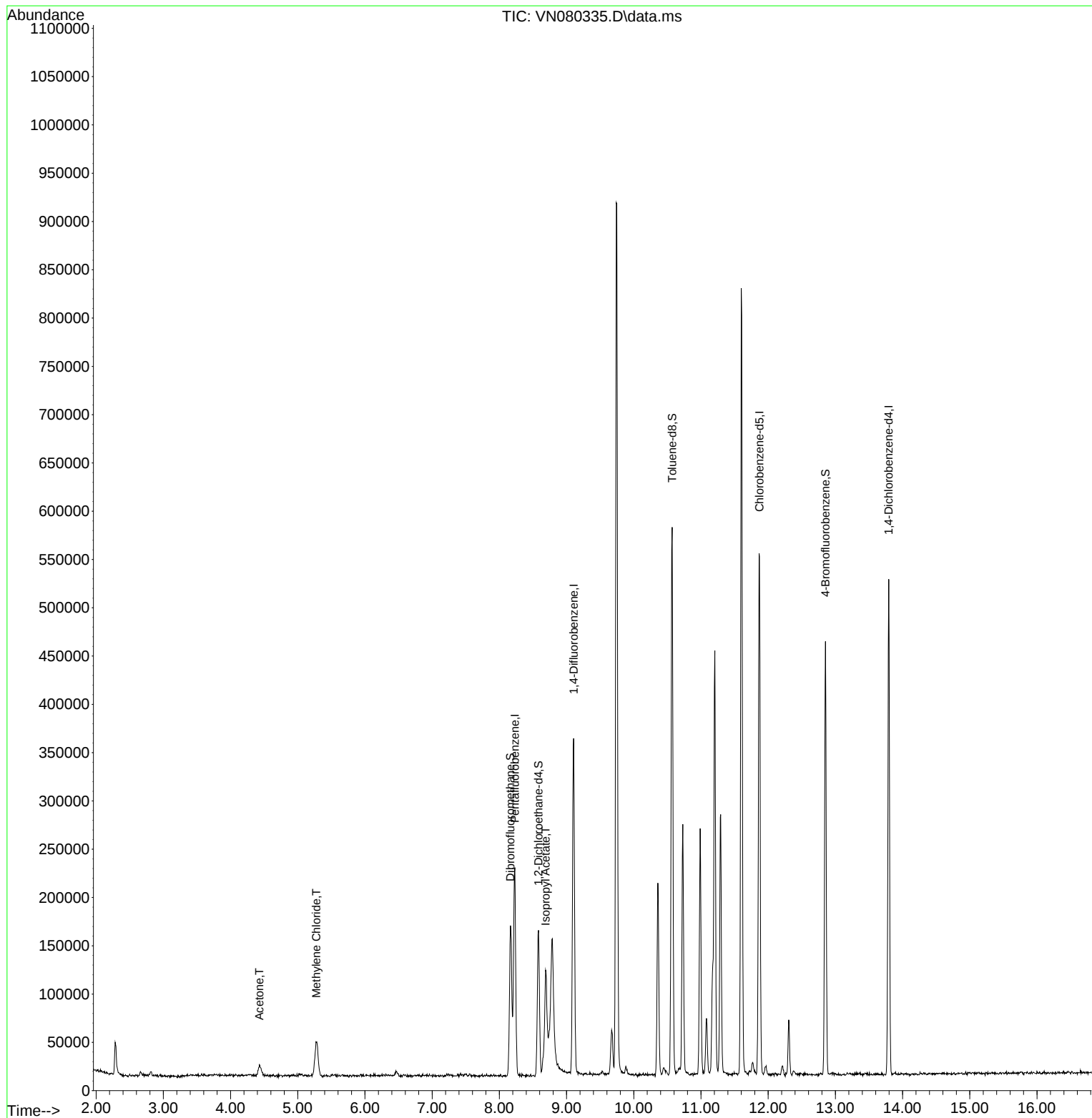
Internal Standards						
1) Pentafluorobenzene	8.229	168	149399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	291136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	312865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137882	55.895	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 111.780%		
35) Dibromofluoromethane	8.165	113	108916	50.701	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.400%		
50) Toluene-d8	10.571	98	392594	50.698	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.400%		
62) 4-Bromofluorobenzene	12.853	95	148396	50.734	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.460%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	21112	25.481	ug/l	98
20) Methylene Chloride	5.277	84	32318	18.626	ug/l	94
43) Isopropyl Acetate	8.688	43	133423	31.782	ug/l #	78

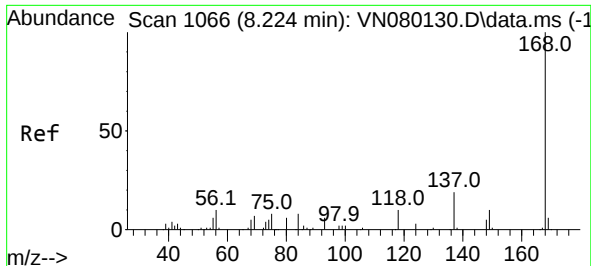
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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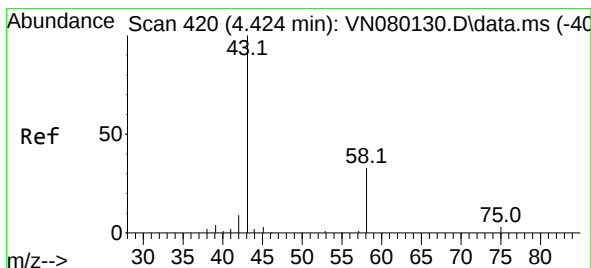
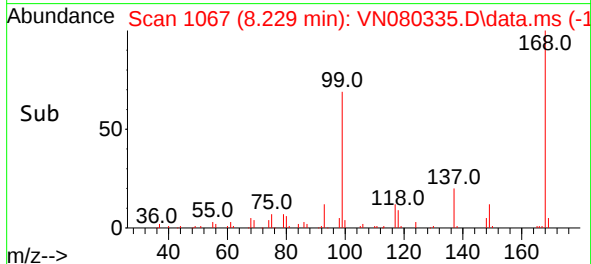
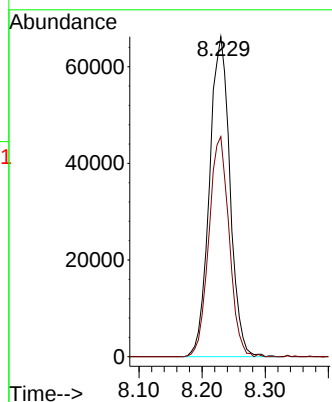
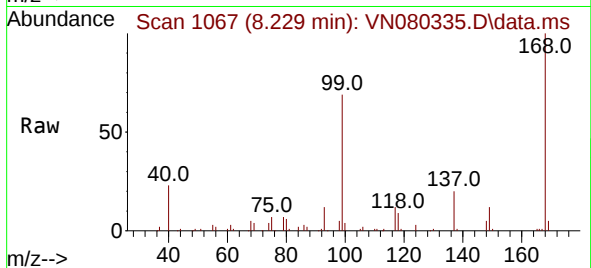




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

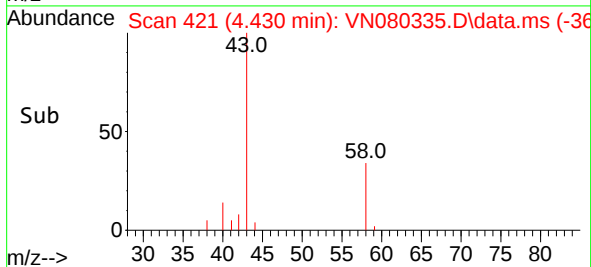
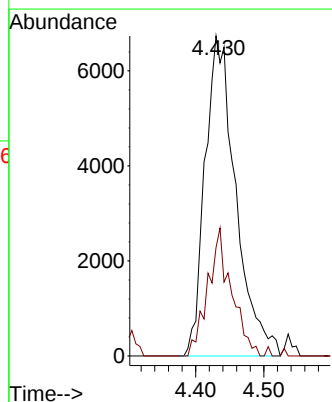
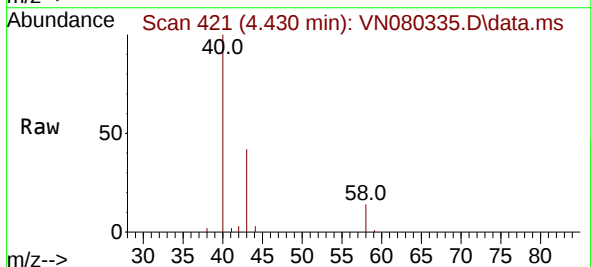
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#04

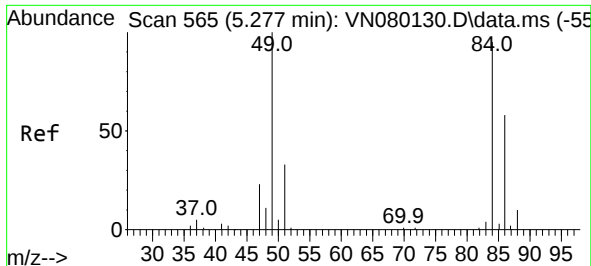
Tgt Ion:168 Resp: 149399
Ion Ratio Lower Upper
168 100
99 68.7 53.0 79.6



#16
Acetone
Concen: 25.481 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

Tgt Ion: 43 Resp: 21112
Ion Ratio Lower Upper
43 100
58 33.9 28.0 42.0

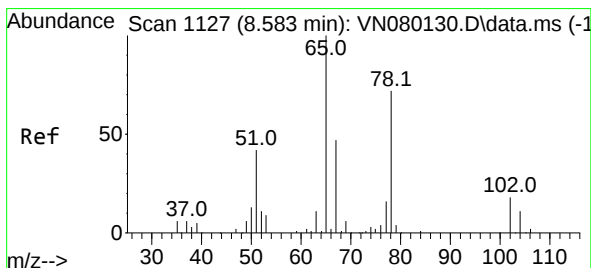
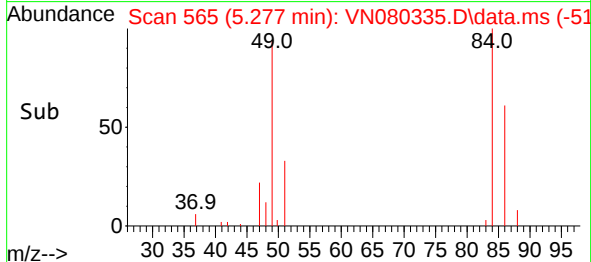
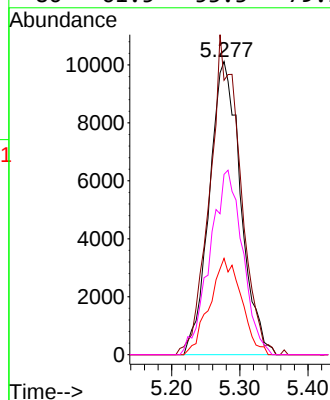
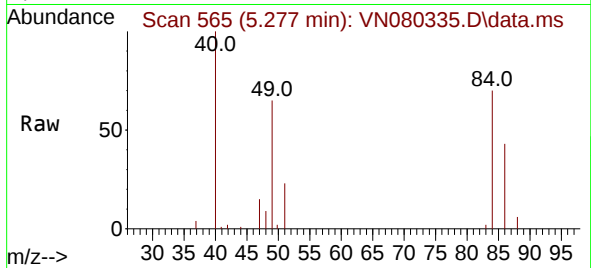




#20
Methylene Chloride
Concen: 18.626 ug/l
RT: 5.277 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

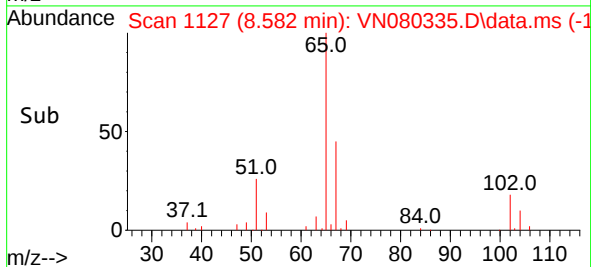
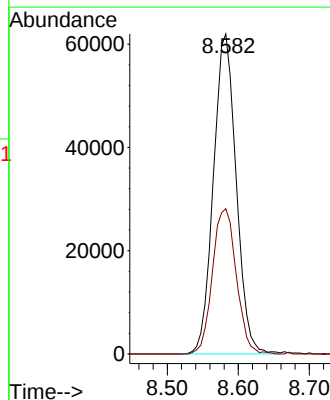
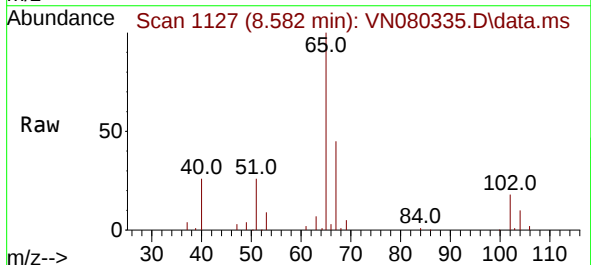
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#04

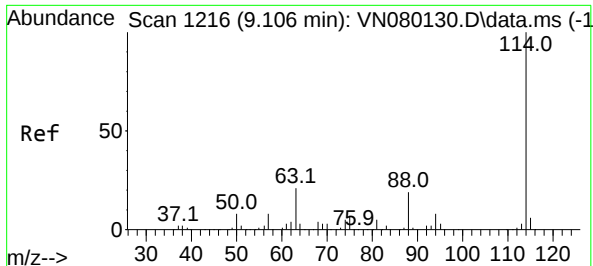
Tgt Ion: 84	Resp: 32318
Ion Ratio	Lower Upper
84 100	
49 93.6	79.7 119.5
51 32.9	25.2 37.8
86 61.5	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 55.895 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

Tgt Ion: 65	Resp: 137882
Ion Ratio	Lower Upper
65 100	
67 47.5	0.0 106.6

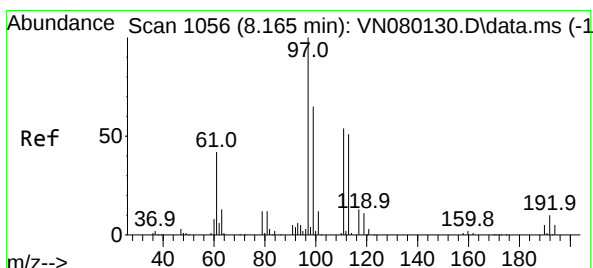
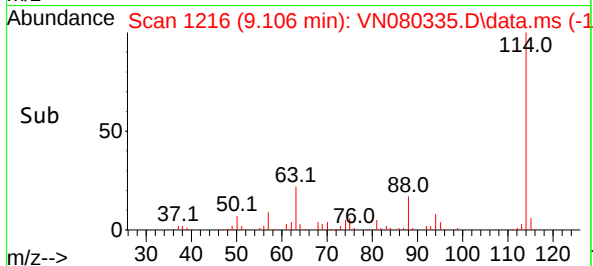
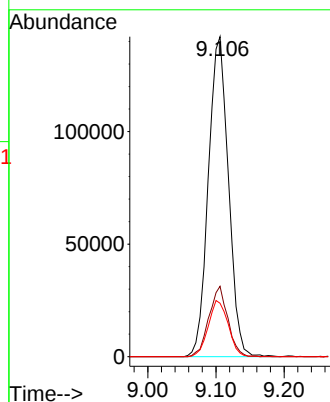
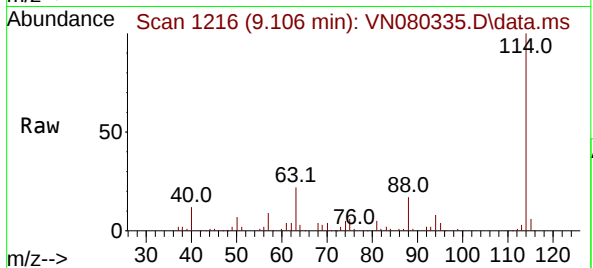




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

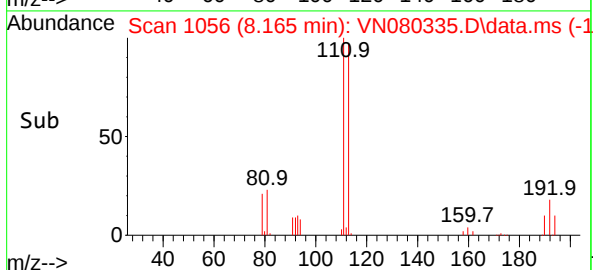
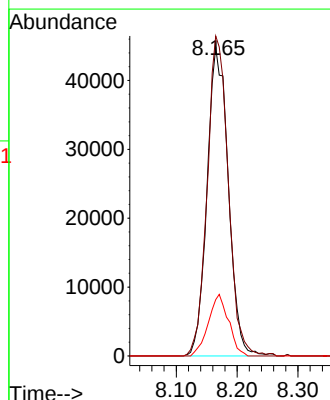
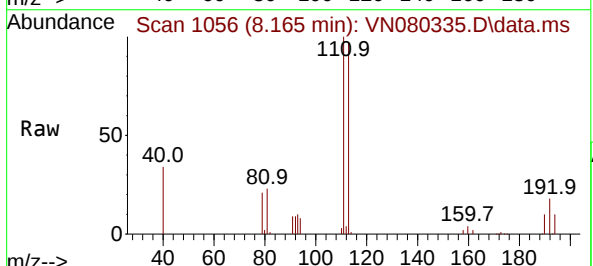
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#04

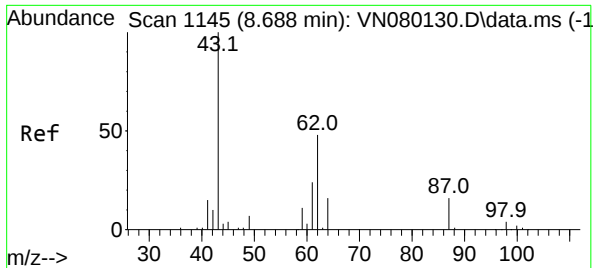
Tgt Ion:114 Resp: 291136
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 16.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

Tgt Ion:113 Resp: 108916
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 18.9 12.7 19.1

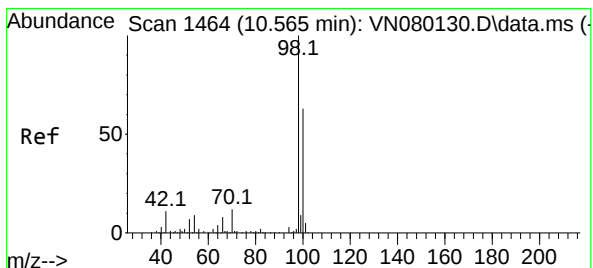
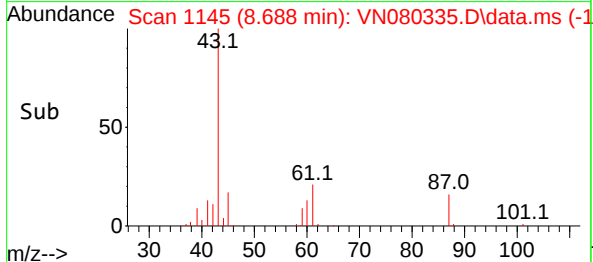
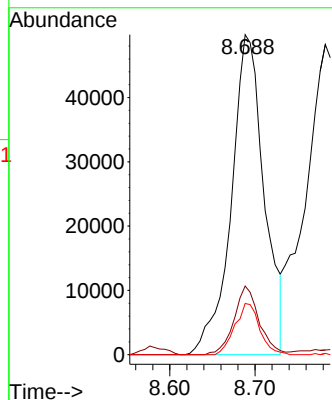
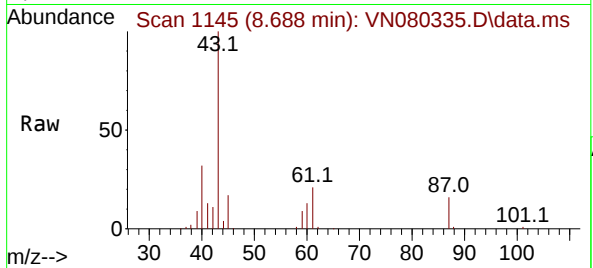




#43
Isopropyl Acetate
Concen: 31.782 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

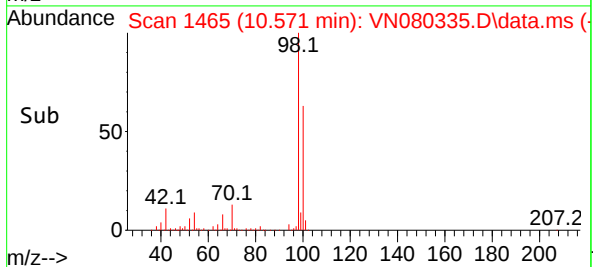
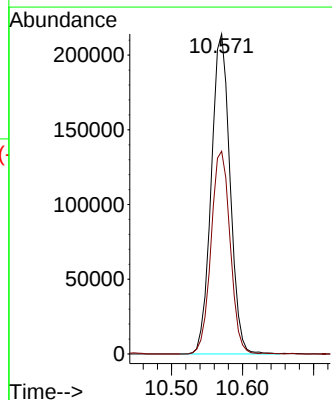
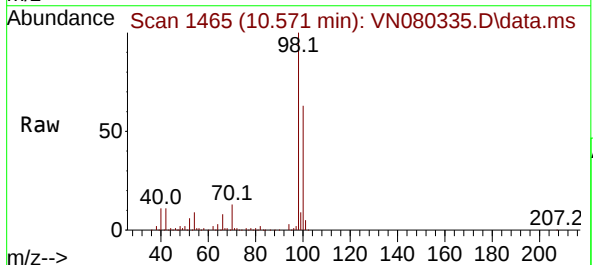
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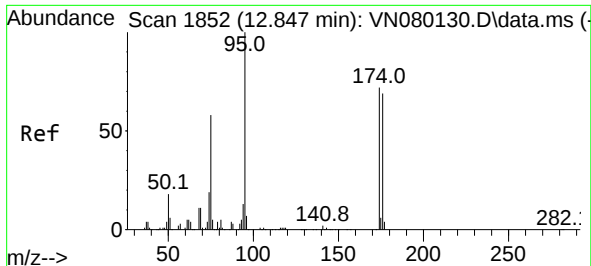
Tgt Ion: 43 Resp: 133423
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 12.0 14.6 21.8#



#50
Toluene-d8
Concen: 50.698 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

Tgt Ion: 98 Resp: 392594
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

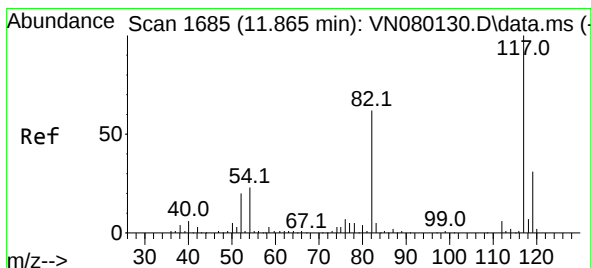
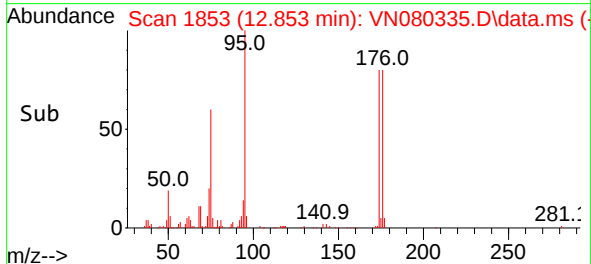
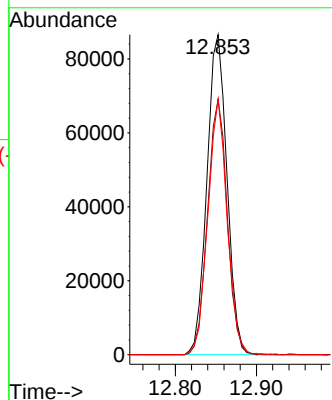
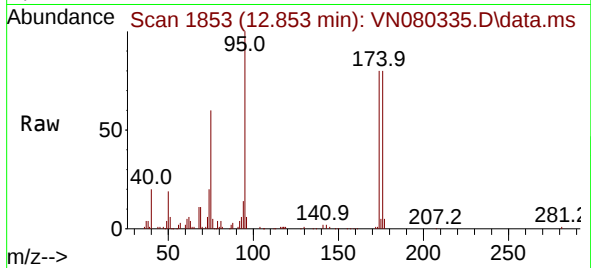




#62
4-Bromofluorobenzene
Concen: 50.734 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

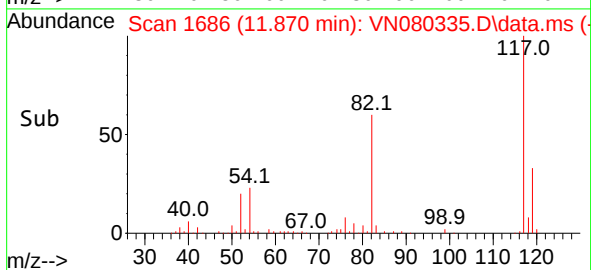
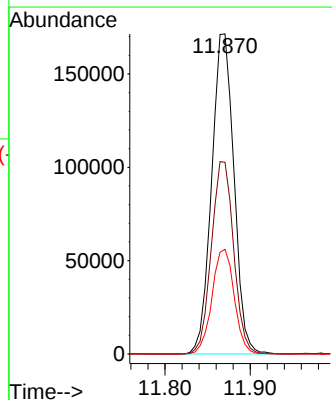
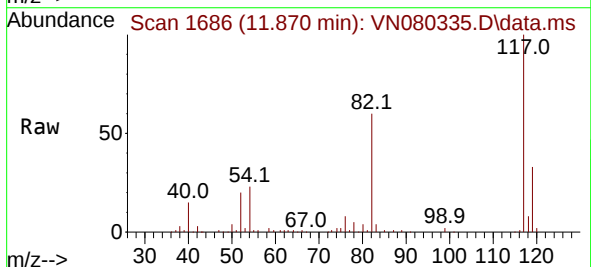
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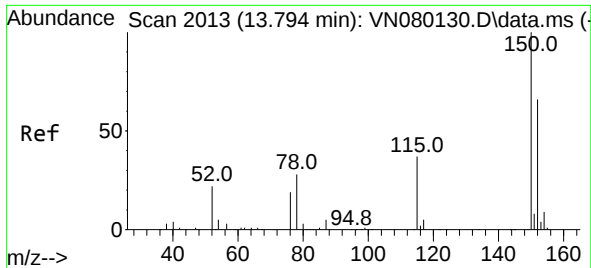
Tgt Ion: 95 Resp: 148396
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 76.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080335.D
Acq: 04 Dec 2023 13:58

Tgt Ion: 117 Resp: 312865
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 32.7 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: VN080335.D

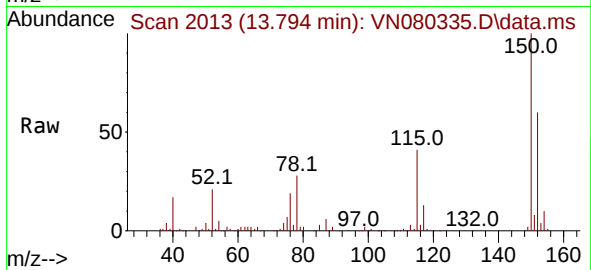
Acq: 04 Dec 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

PB157524ZHE#04



Tgt Ion:152 Resp: 131946

Ion Ratio Lower Upper

152 100

115 66.4 32.3 96.8

150 160.9 0.0 355.8

