

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080336.D
 Acq On : 04 Dec 2023 14:22
 Operator : JC\MD
 Sample : PB157524ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157524ZHE#05

Quant Time: Dec 05 04:15:44 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)

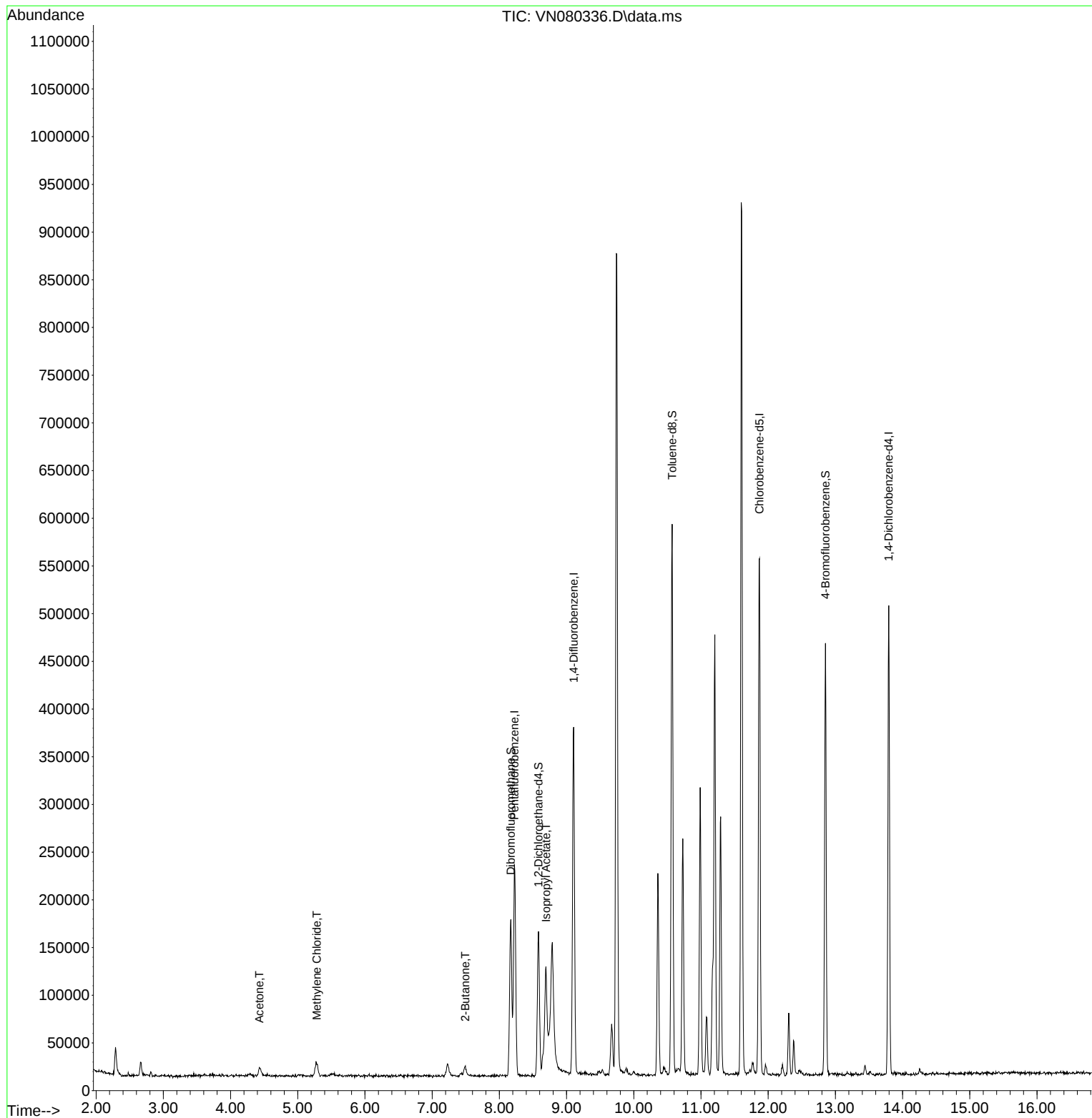
Internal Standards						
1) Pentafluorobenzene	8.224	168	153610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	303281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	315893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	139949	55.177	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.360%
35) Dibromofluoromethane	8.171	113	110809	49.517	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	10.570	98	397955	49.332	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.853	95	152789	50.144	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.280%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	17399	20.424	ug/l #	83
20) Methylene Chloride	5.283	84	11540	6.469	ug/l	95
25) 2-Butanone	7.494	43	16210	16.015	ug/l	92
43) Isopropyl Acetate	8.694	43	146721	33.550	ug/l #	75

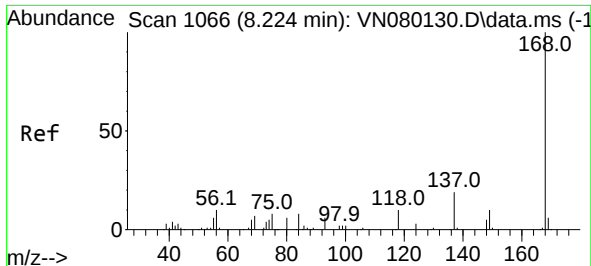
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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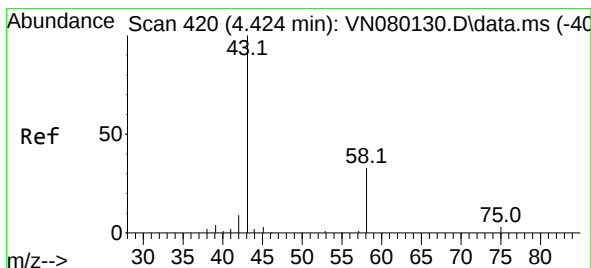
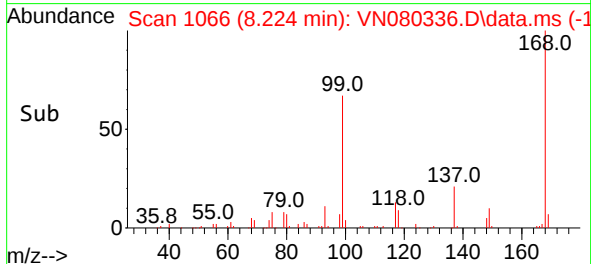
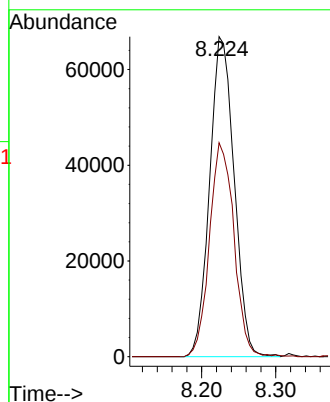
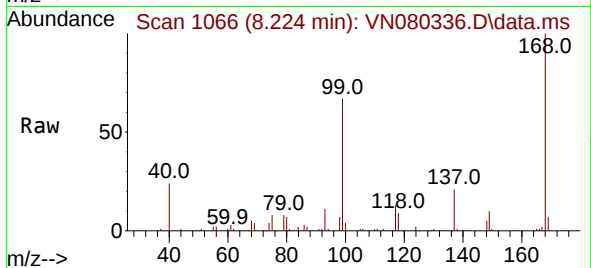




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080336.D
Acq: 04 Dec 2023 14:22

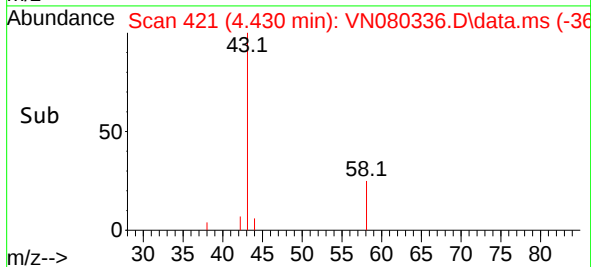
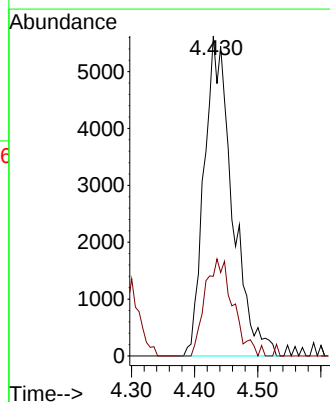
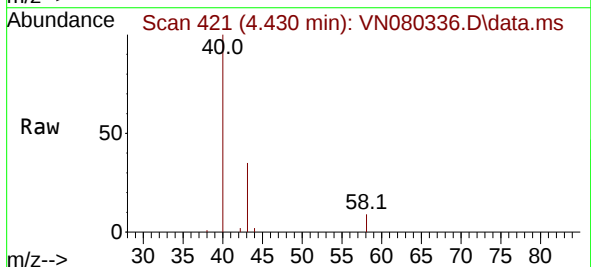
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#05

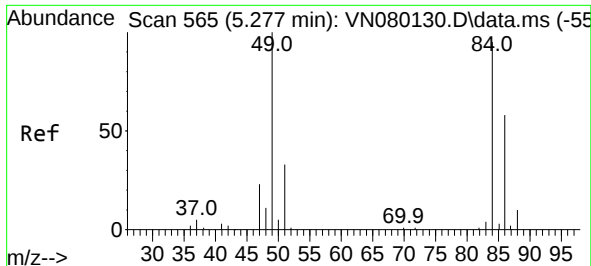
Tgt Ion:168 Resp: 153610
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6



#16
Acetone
Concen: 20.424 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080336.D
Acq: 04 Dec 2023 14:22

Tgt Ion: 43 Resp: 17399
Ion Ratio Lower Upper
43 100
58 24.9 28.0 42.0#

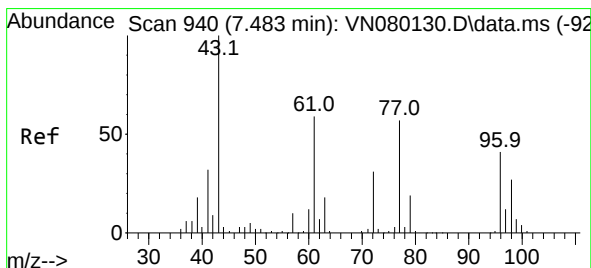
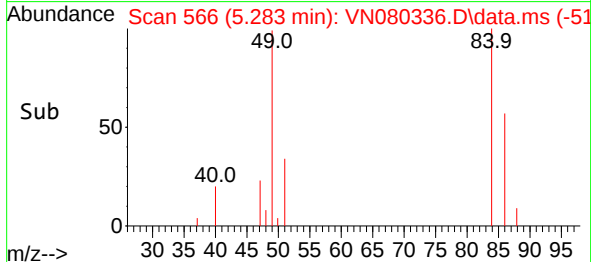
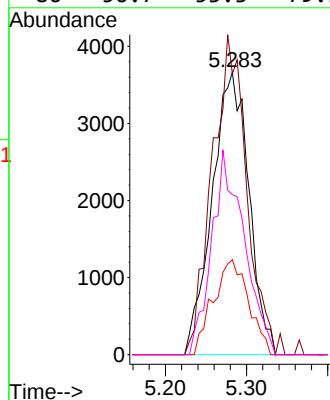
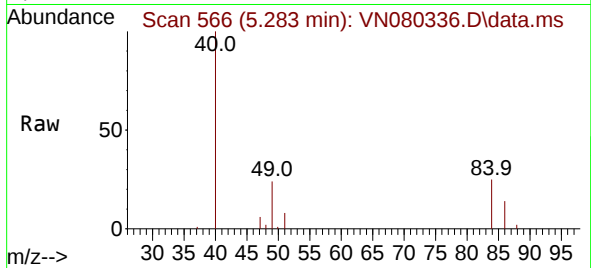




#20
Methylene Chloride
Concen: 6.469 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080336.D
Acq: 04 Dec 2023 14:22

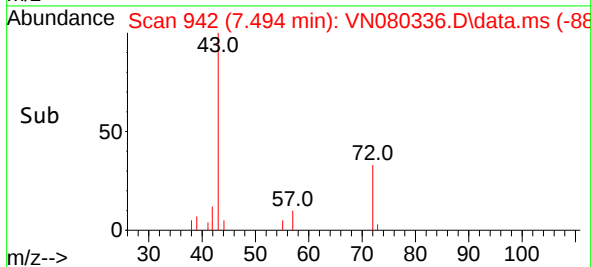
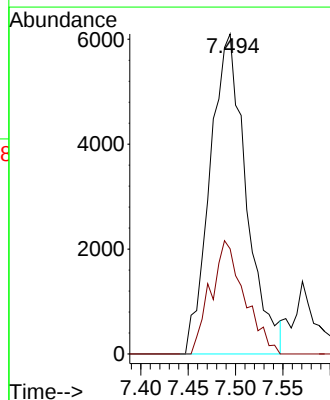
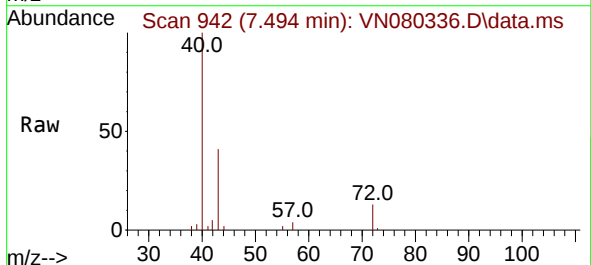
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#05

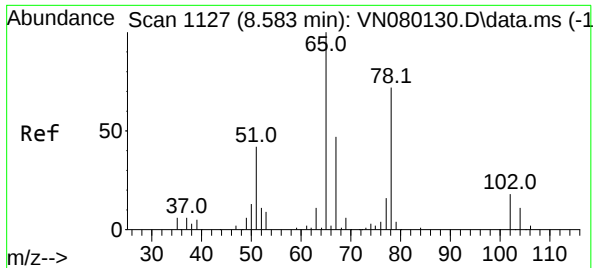
Tgt Ion: 84	Resp: 11540
Ion Ratio	Lower Upper
84 100	
49 99.5	79.7 119.5
51 33.6	25.2 37.8
86 56.7	53.3 79.9



#25
2-Butanone
Concen: 16.015 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.011 min
Lab File: VN080336.D
Acq: 04 Dec 2023 14:22

Tgt Ion: 43	Resp: 16210
Ion Ratio	Lower Upper
43 100	
72 32.9	30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 55.177 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080336.D

Acq: 04 Dec 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

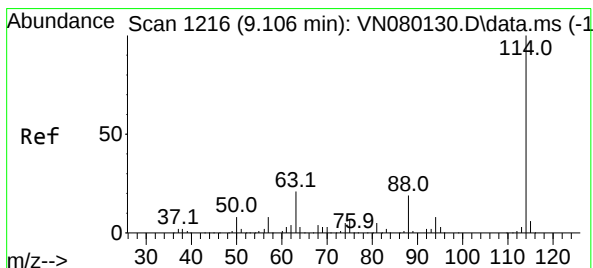
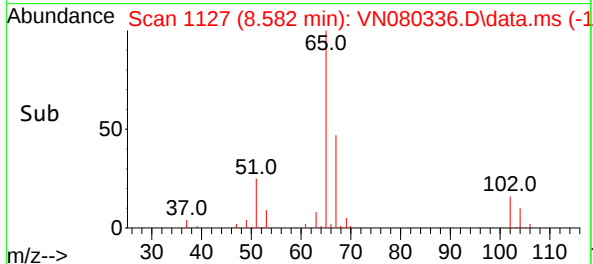
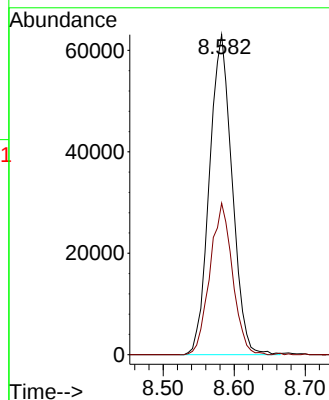
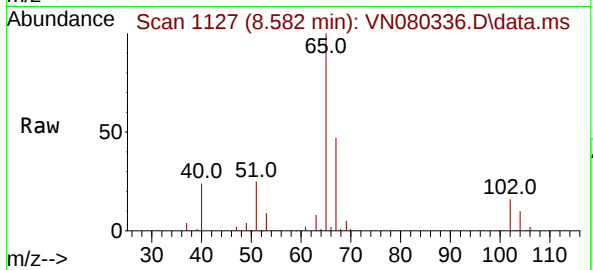
PB157524ZHE#05

Tgt Ion: 65 Resp: 139949

Ion Ratio Lower Upper

65 100

67 47.0 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: VN080336.D

Acq: 04 Dec 2023 14:22

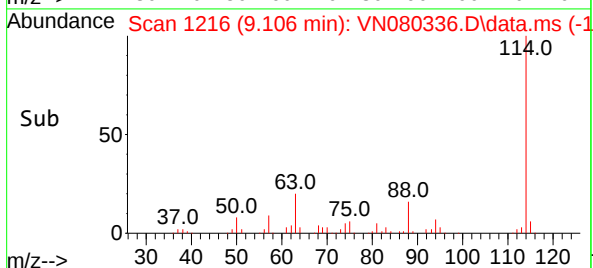
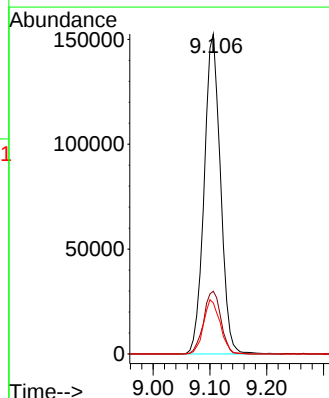
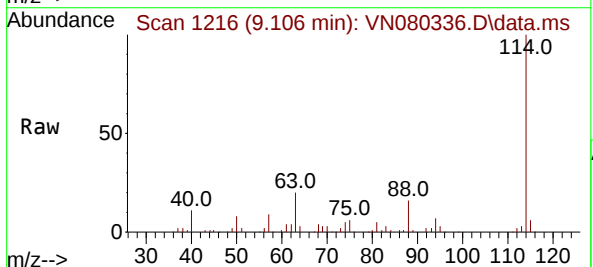
Tgt Ion: 114 Resp: 303281

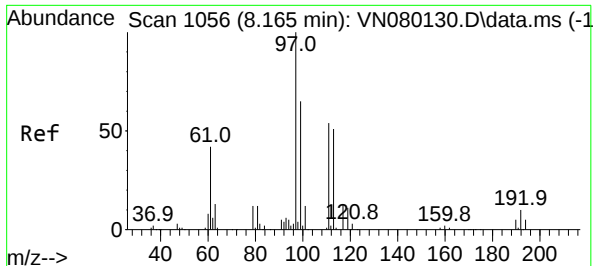
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.517 ug/l

RT: 8.171 min Scan# 110809

Delta R.T. 0.006 min

Lab File: VN080336.D

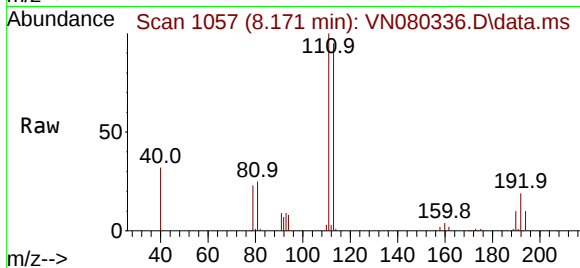
Acq: 04 Dec 2023 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB157524ZHE#05



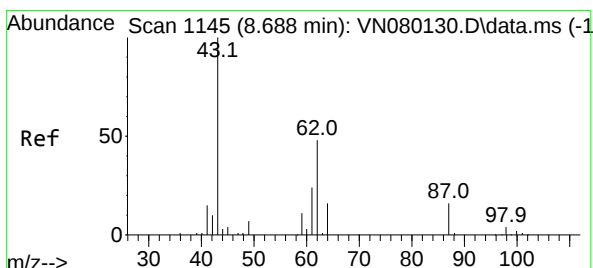
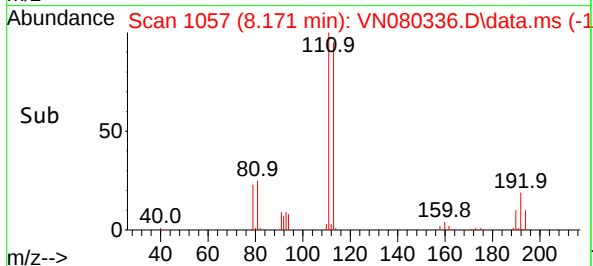
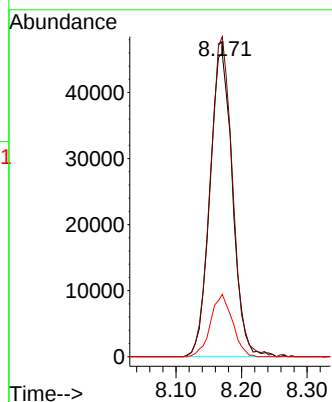
Tgt Ion:113 Resp: 110809

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 19.7 12.7 19.1#



#43

Isopropyl Acetate

Concen: 33.550 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080336.D

Acq: 04 Dec 2023 14:22

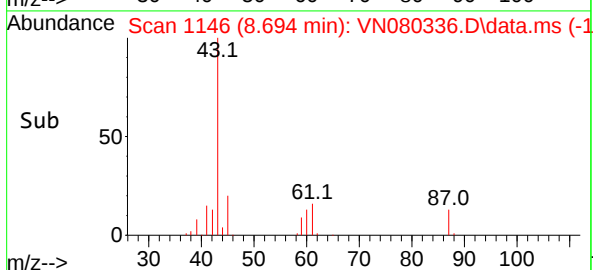
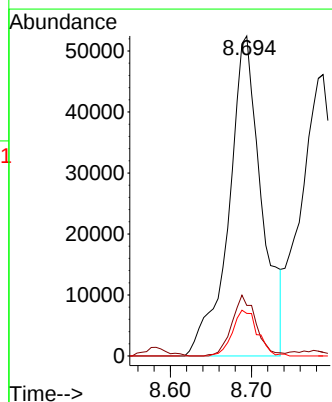
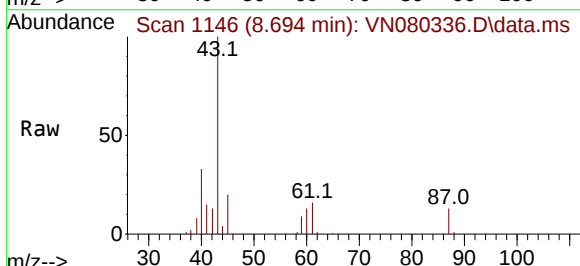
Tgt Ion: 43 Resp: 146721

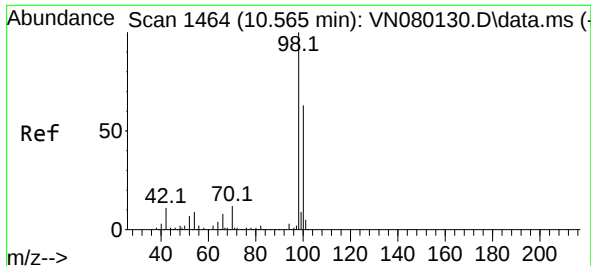
Ion Ratio Lower Upper

43 100

61 14.1 24.7 37.1#

87 11.0 14.6 21.8#

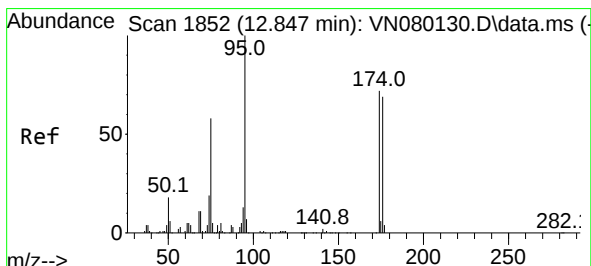
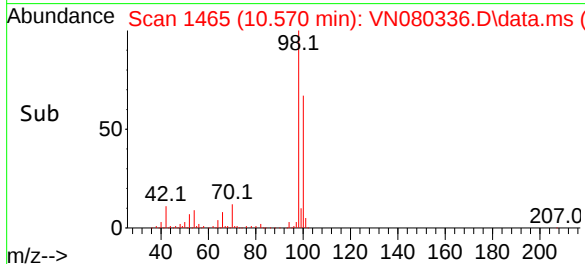
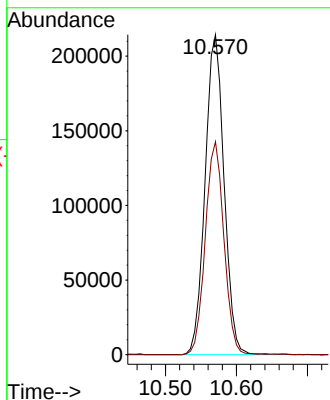
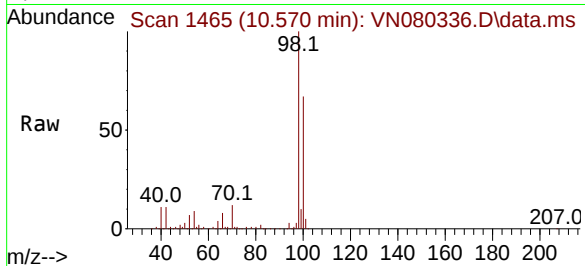




#50
Toluene-d8
Concen: 49.332 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080336.D
Acq: 04 Dec 2023 14:22

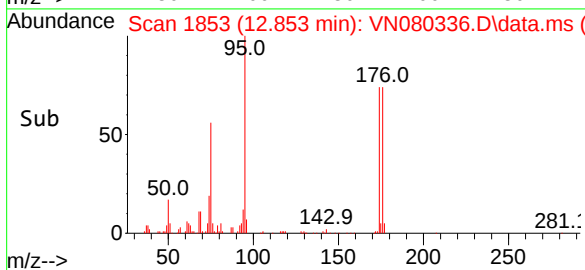
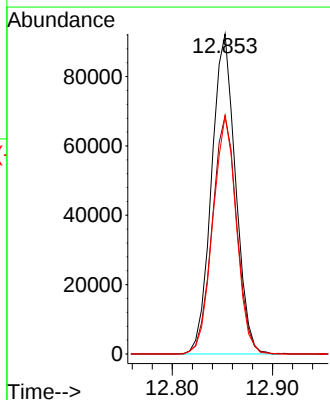
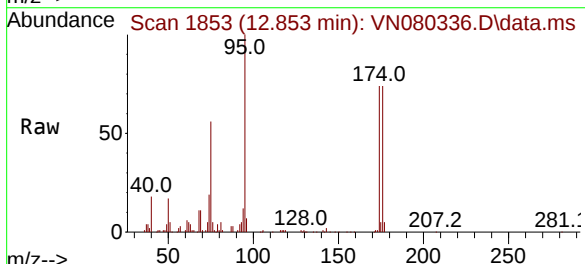
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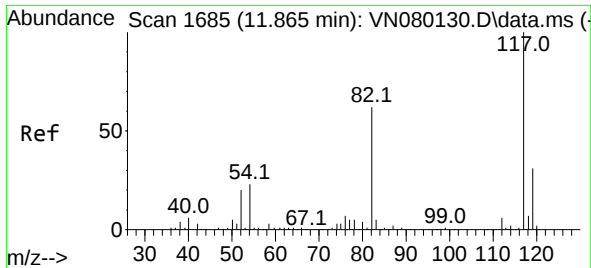
Tgt Ion: 98 Resp: 397955
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.144 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080336.D
Acq: 04 Dec 2023 14:22

Tgt Ion: 95 Resp: 152789
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.2 0.0 135.8

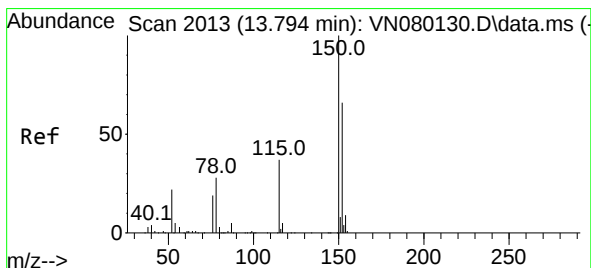
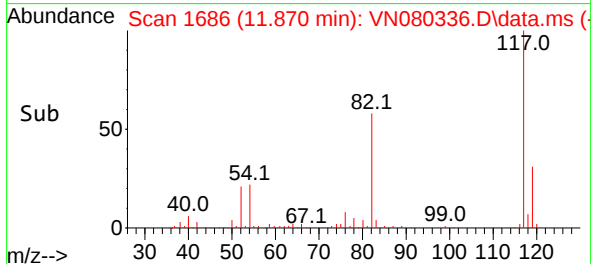
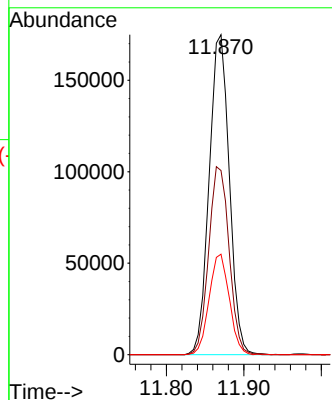
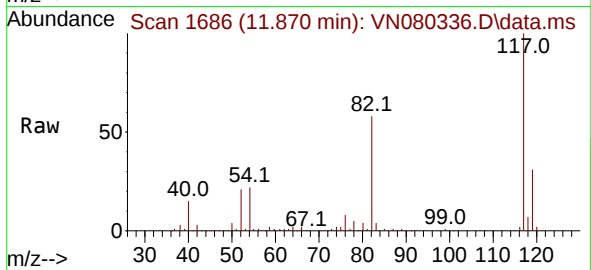




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080336.D
Acq: 04 Dec 2023 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#05

Tgt Ion:117 Resp: 315893
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 31.4 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: VN080336.D
Acq: 04 Dec 2023 14:22

Tgt Ion:152 Resp: 131009
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 155.4 0.0 355.8

