

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080337.D
 Acq On : 04 Dec 2023 14:46
 Operator : JC\MD
 Sample : PB157524ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157524ZHE#06

Quant Time: Dec 05 04:16:10 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)

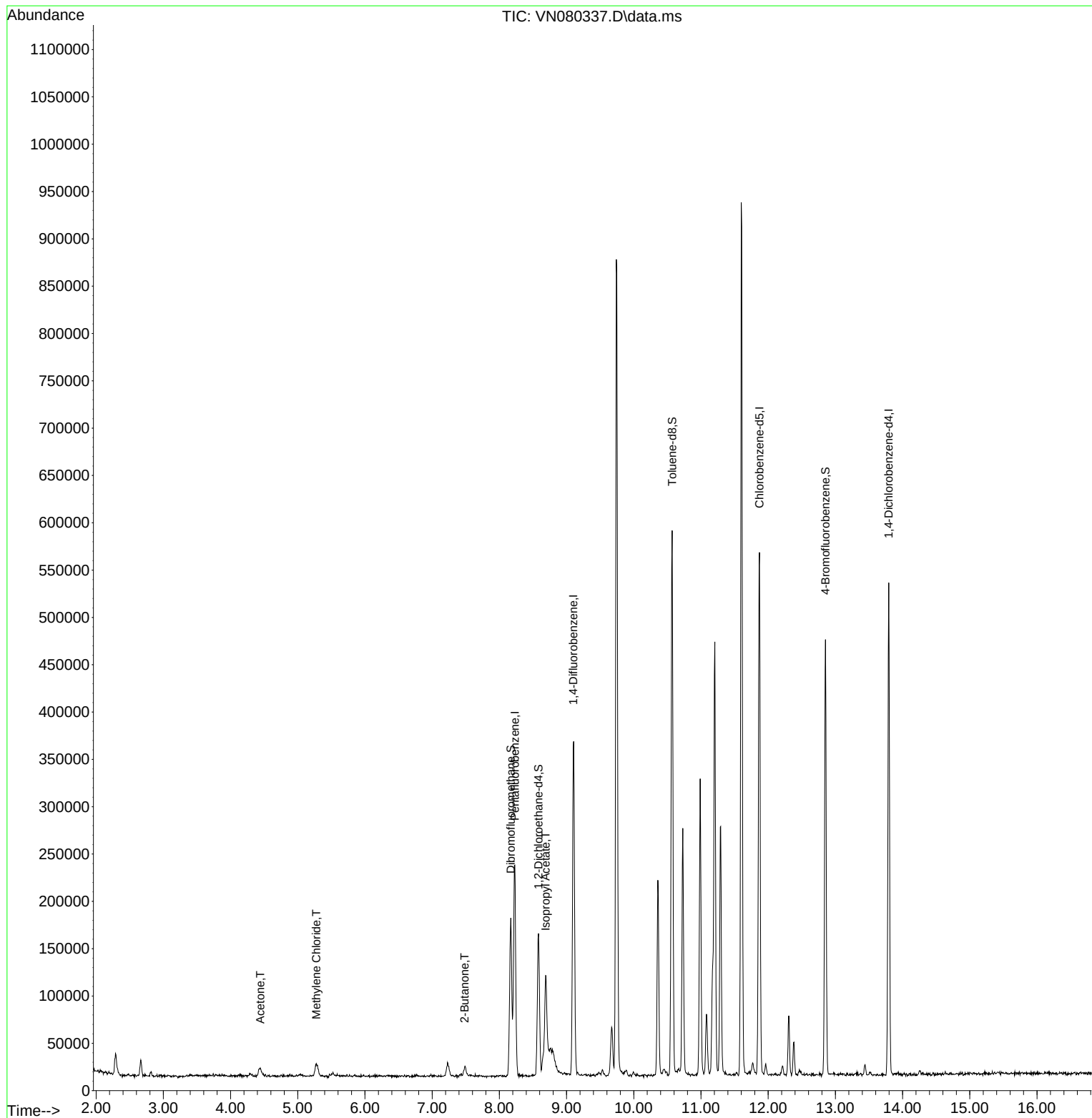
Internal Standards						
1) Pentafluorobenzene	8.229	168	155830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	318382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	141775	55.101	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.200%
35) Dibromofluoromethane	8.171	113	110864	51.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.280%
50) Toluene-d8	10.570	98	396874	50.781	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.853	95	154667	52.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.780%
Target Compounds						
						Qvalue
16) Acetone	4.441	43	16813	19.455	ug/l	98
20) Methylene Chloride	5.277	84	11905	6.578	ug/l	92
25) 2-Butanone	7.482	43	15904	15.489	ug/l	94
43) Isopropyl Acetate	8.688	43	140806	33.233	ug/l #	75

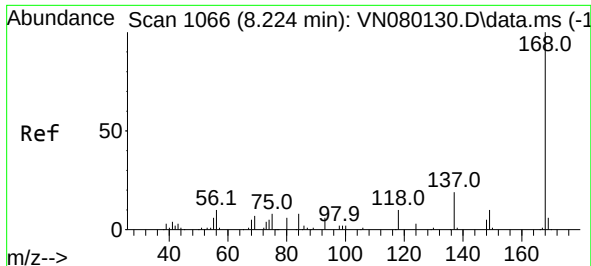
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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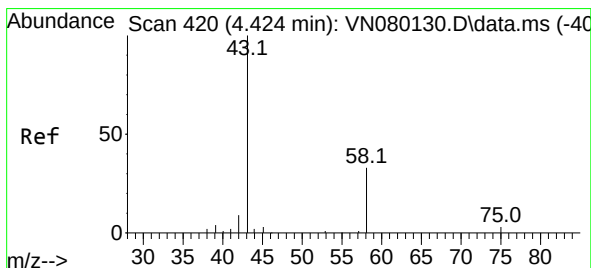
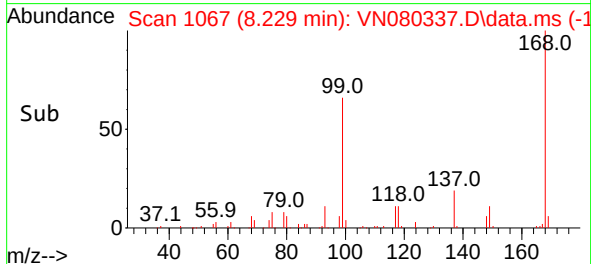
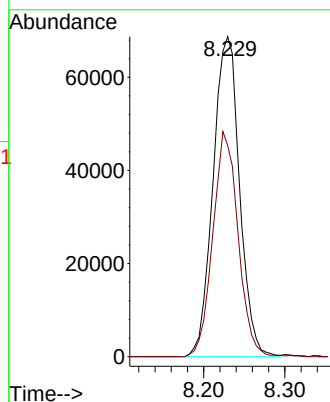
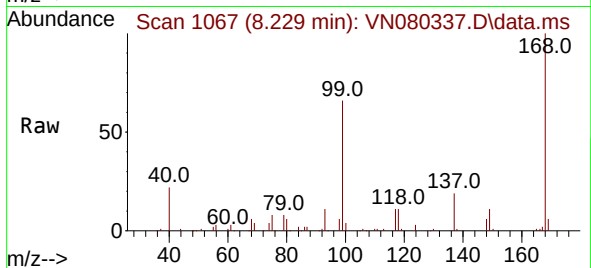




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN080337.D
Acq: 04 Dec 2023 14:46

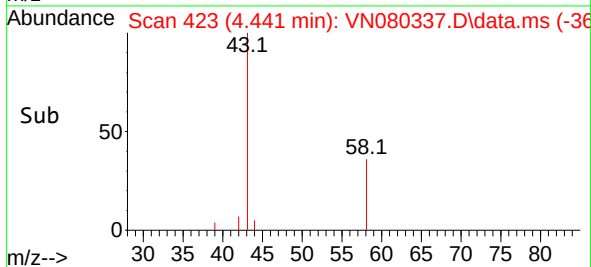
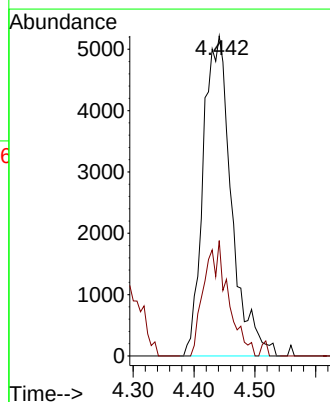
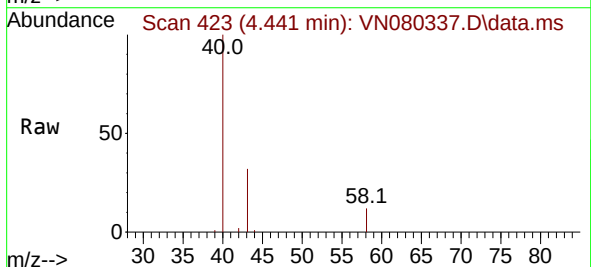
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#06

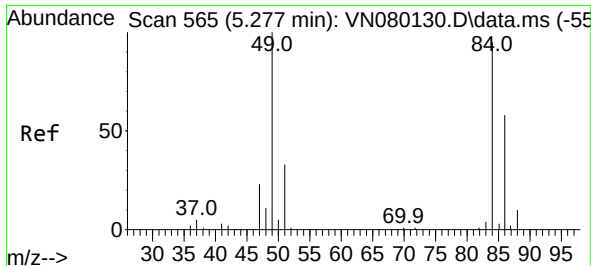
Tgt Ion:168 Resp: 155830
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#16
Acetone
Concen: 19.455 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.017 min
Lab File: VN080337.D
Acq: 04 Dec 2023 14:46

Tgt Ion: 43 Resp: 16813
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0

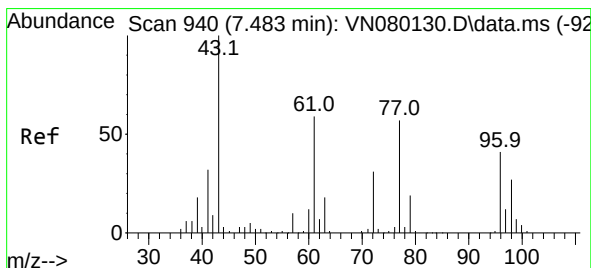
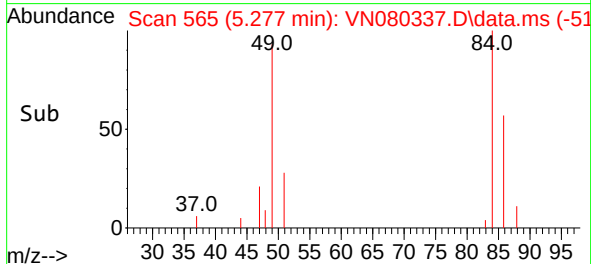
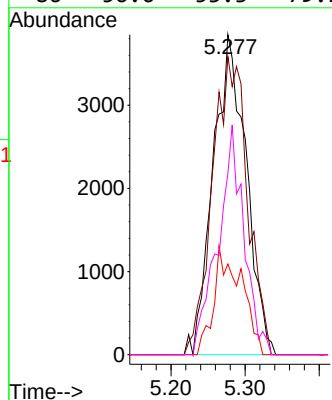
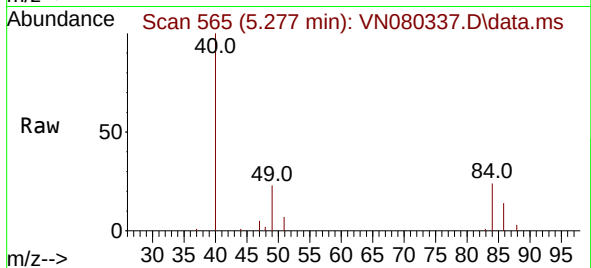




#20
Methylene Chloride
Concen: 6.578 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080337.D
Acq: 04 Dec 2023 14:46

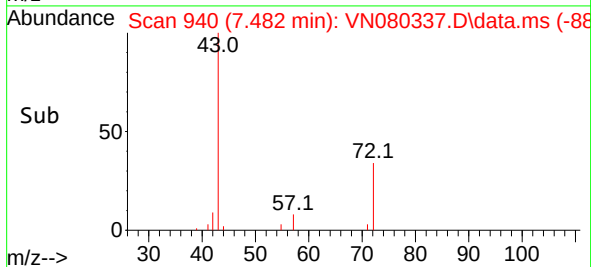
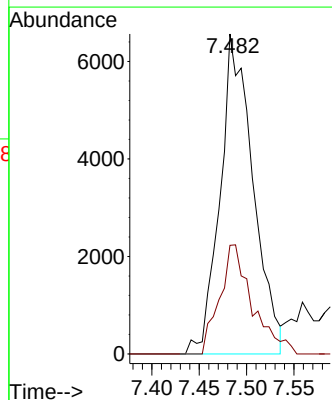
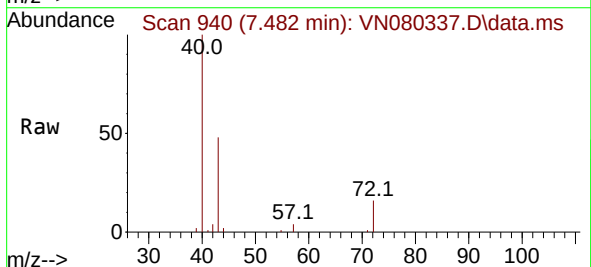
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#06

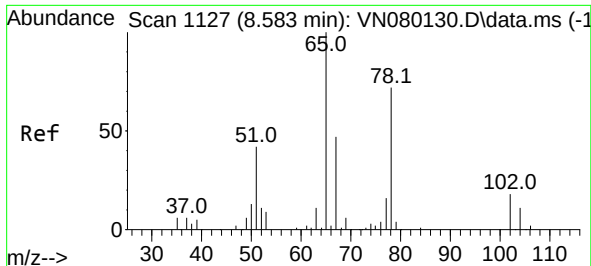
Tgt Ion: 84	Resp:	11905	
Ion	Ratio	Lower	Upper
84	100		
49	93.1	79.7	119.5
51	28.3	25.2	37.8
86	56.6	53.3	79.9



#25
2-Butanone
Concen: 15.489 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080337.D
Acq: 04 Dec 2023 14:46

Tgt Ion: 43	Resp:	15904	
Ion	Ratio	Lower	Upper
43	100		
72	33.9	30.2	45.2





#33

1,2-Dichloroethane-d4

Concen: 55.101 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080337.D

Acq: 04 Dec 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

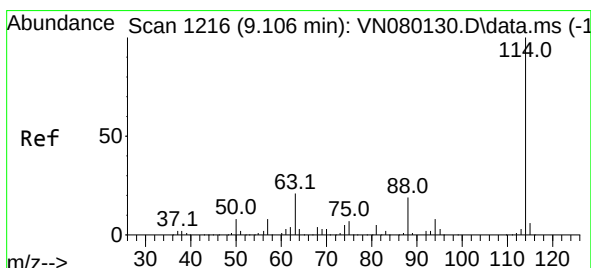
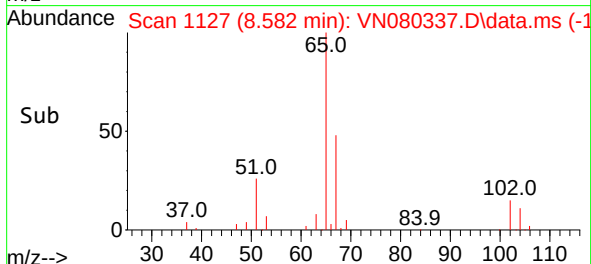
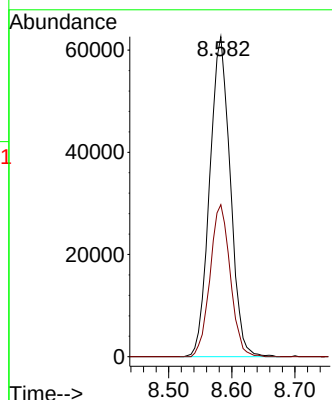
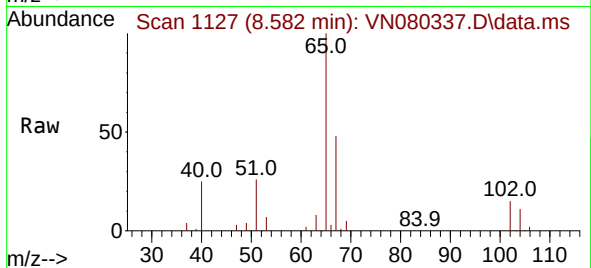
PB157524ZHE#06

Tgt Ion: 65 Resp: 141775

Ion Ratio Lower Upper

65 100

67 46.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080337.D

Acq: 04 Dec 2023 14:46

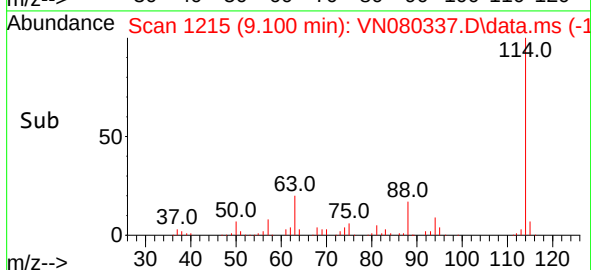
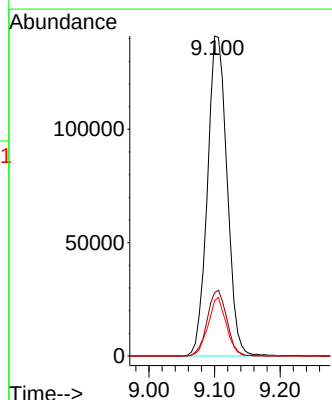
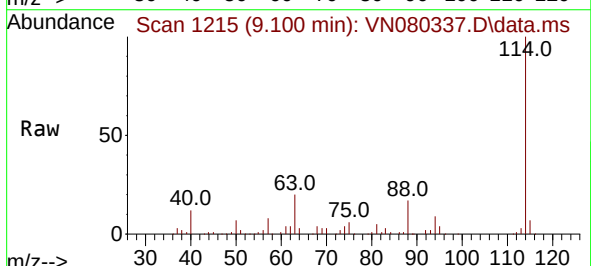
Tgt Ion: 114 Resp: 293828

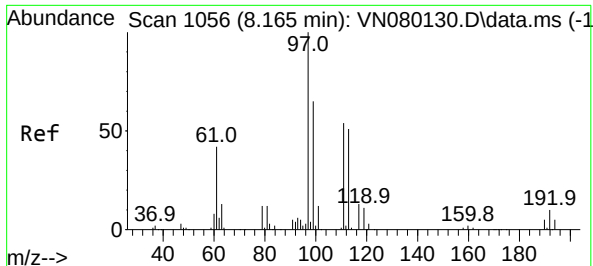
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 17.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.135 ug/l

RT: 8.171 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN080337.D

Acq: 04 Dec 2023 14:46

Instrument :

MSVOA_N

ClientSampleId :

PB157524ZHE#06

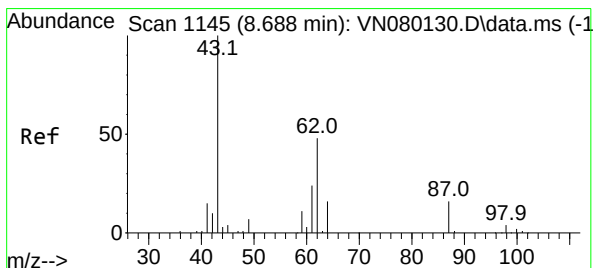
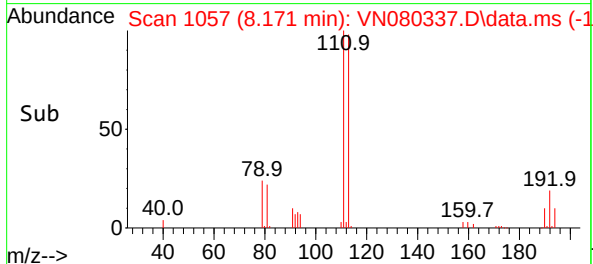
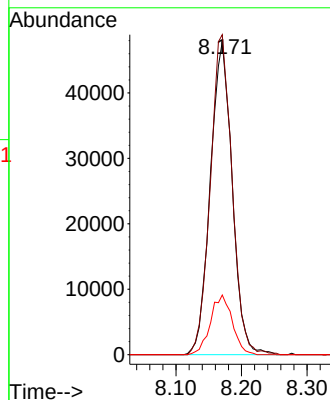
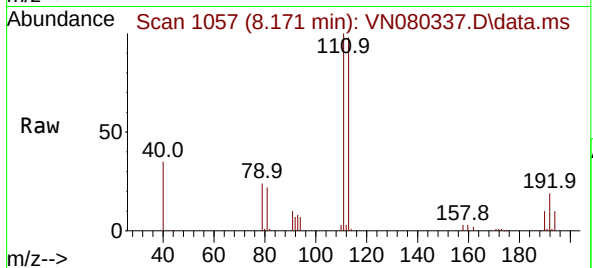
Tgt Ion:113 Resp: 110864

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 19.0 12.7 19.1



#43

Isopropyl Acetate

Concen: 33.233 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN080337.D

Acq: 04 Dec 2023 14:46

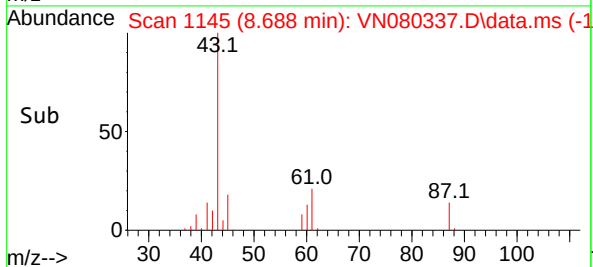
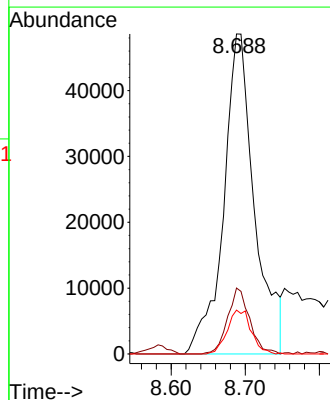
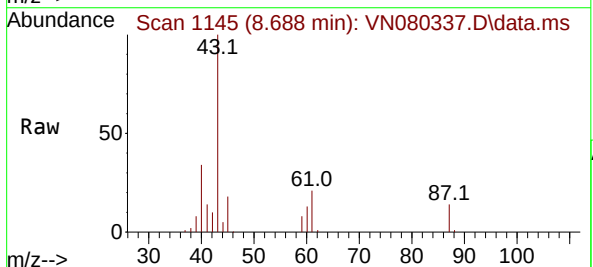
Tgt Ion: 43 Resp: 140806

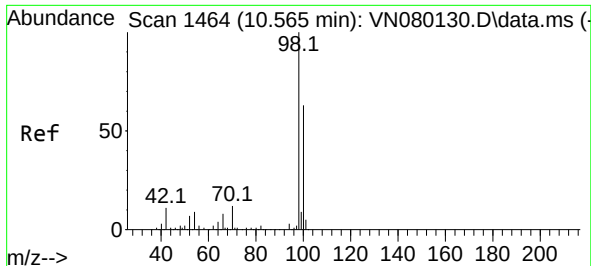
Ion Ratio Lower Upper

43 100

61 14.7 24.7 37.1#

87 10.6 14.6 21.8#

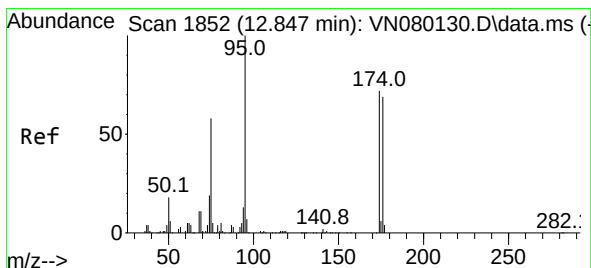
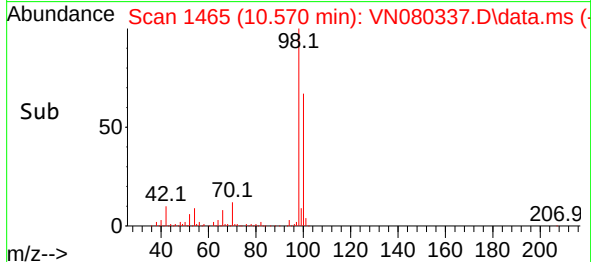
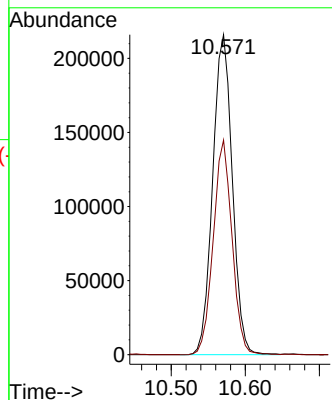
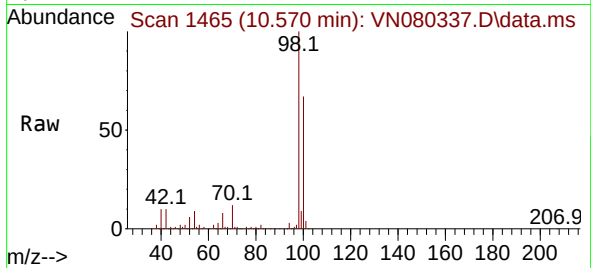




#50
Toluene-d8
Concen: 50.781 ug/l
RT: 10.570 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080337.D
Acq: 04 Dec 2023 14:46

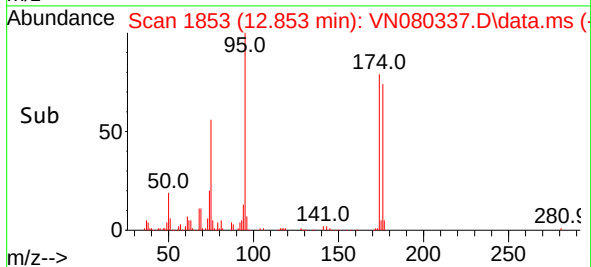
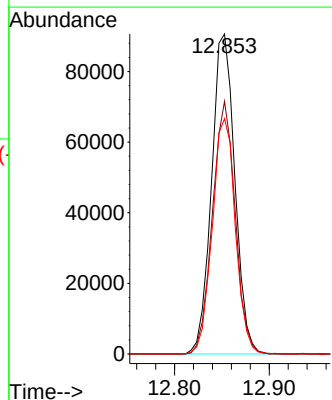
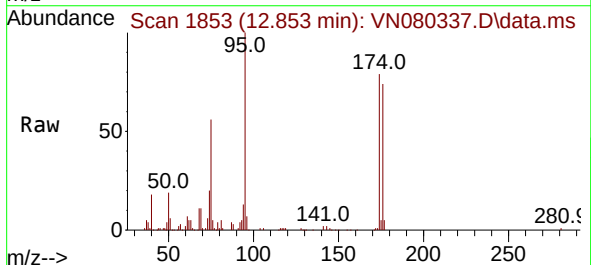
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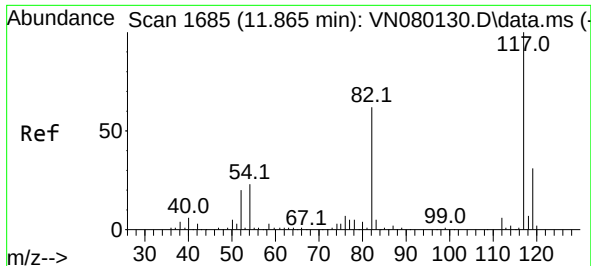
Tgt Ion: 98 Resp: 396874
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.394 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080337.D
Acq: 04 Dec 2023 14:46

Tgt Ion: 95 Resp: 154667
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 72.9 0.0 135.8

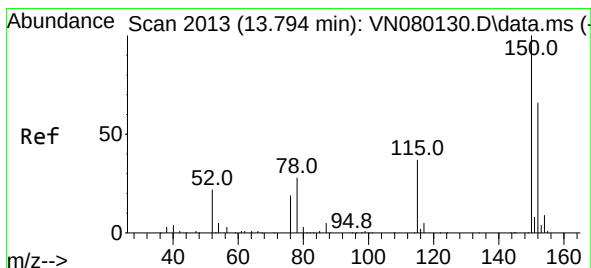
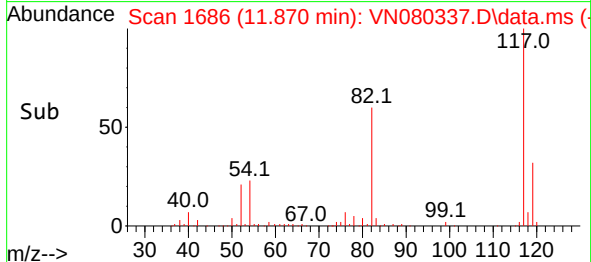
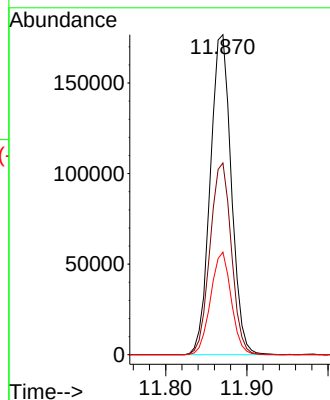
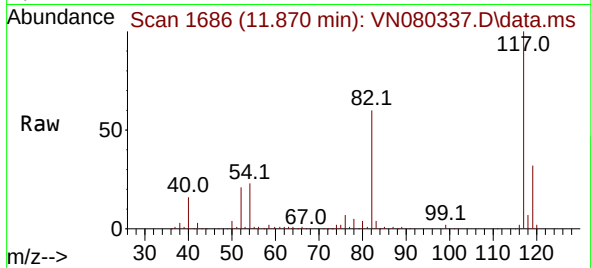




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080337.D
Acq: 04 Dec 2023 14:46

Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#06

Tgt Ion:117 Resp: 318382
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 32.0 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: VN080337.D
Acq: 04 Dec 2023 14:46

Tgt Ion:152 Resp: 133796
Ion Ratio Lower Upper
152 100
115 67.0 32.3 96.8
150 159.1 0.0 355.8

