

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080333.D
 Acq On : 04 Dec 2023 13:11
 Operator : JC\MD
 Sample : PB157524ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157524ZHE#02

Quant Time: Dec 05 04:14:22 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)

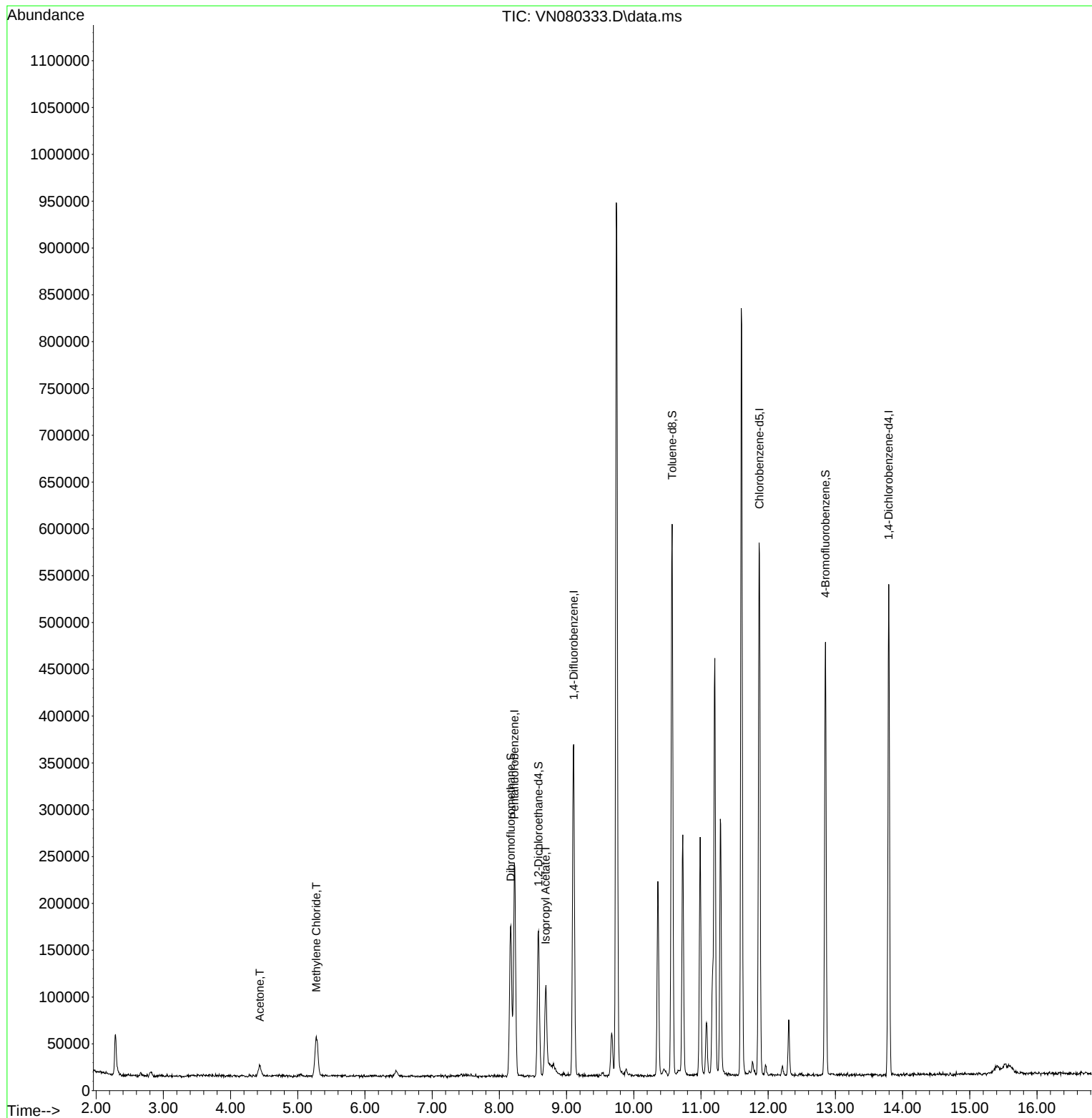
Internal Standards						
1) Pentafluorobenzene	8.224	168	152496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	328596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143449	56.971	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.940%
35) Dibromofluoromethane	8.171	113	114165	52.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	10.571	98	402863	51.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.853	95	157447	53.222	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.440%
Target Compounds						Qvalue
16) Acetone	4.436	43	20857	24.662	ug/l	94
20) Methylene Chloride	5.277	84	35957	20.303	ug/l	93
43) Isopropyl Acetate	8.688	43	110507	26.026	ug/l #	83

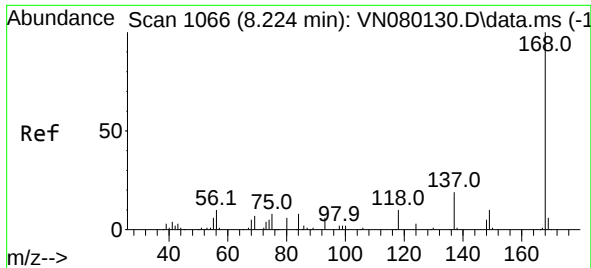
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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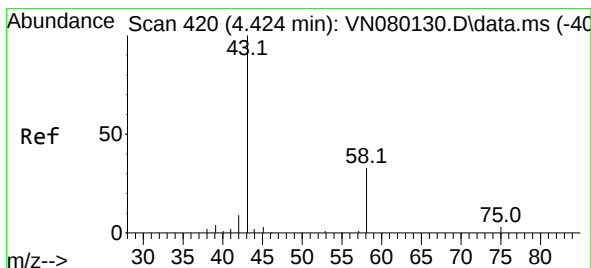
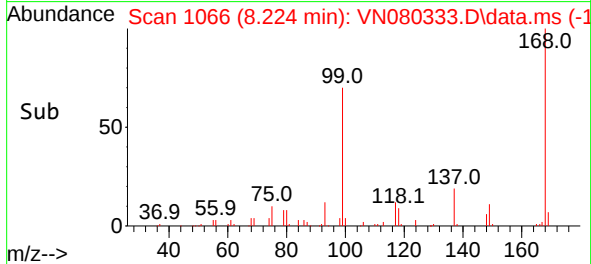
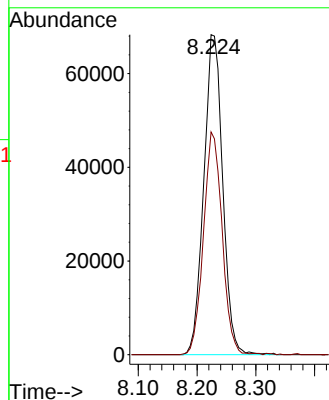
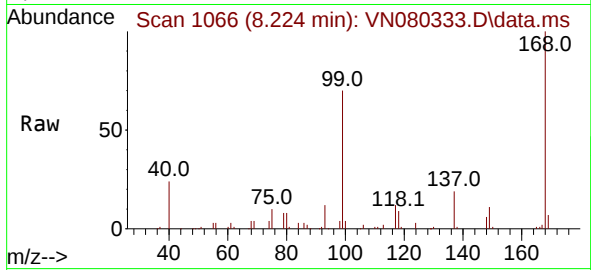




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

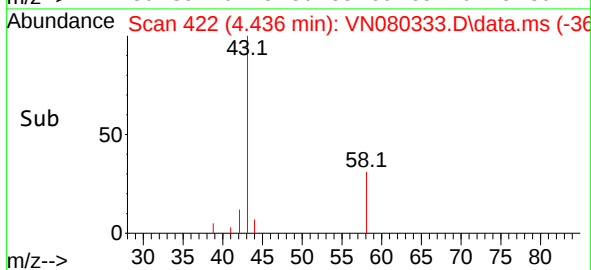
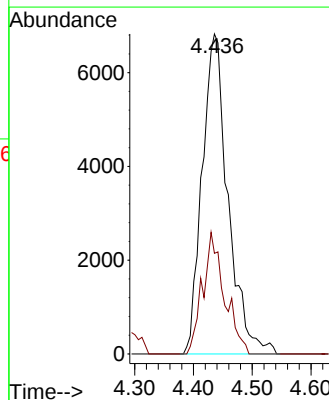
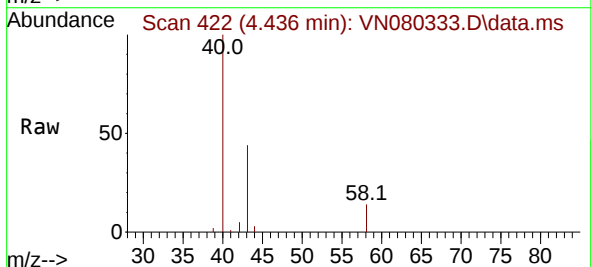
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#02

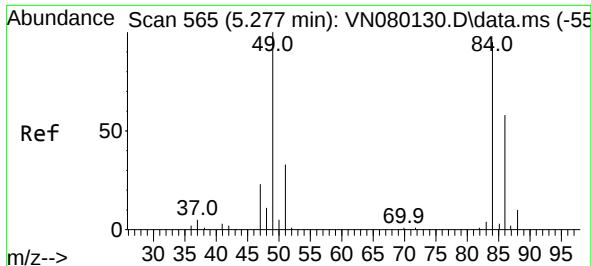
Tgt Ion:168 Resp: 152496
Ion Ratio Lower Upper
168 100
99 69.6 53.0 79.6



#16
Acetone
Concen: 24.662 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

Tgt Ion: 43 Resp: 20857
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0

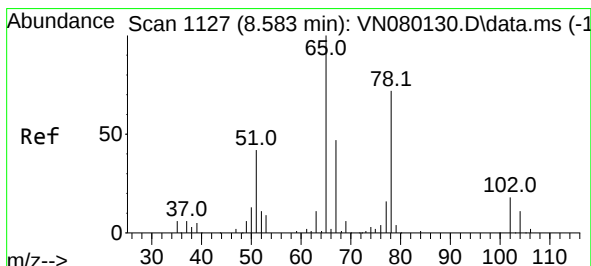
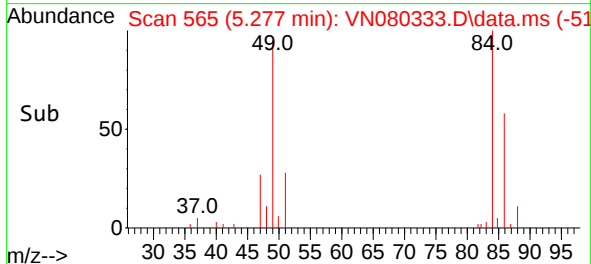
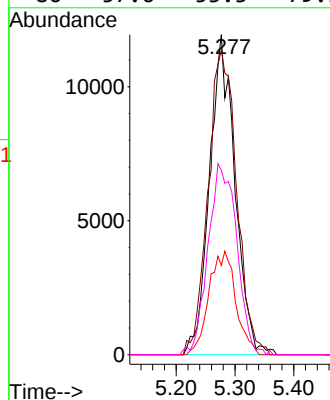
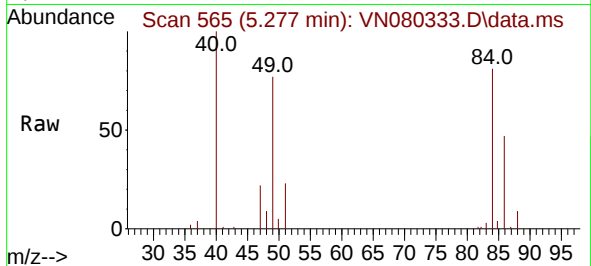




#20
Methylene Chloride
Concen: 20.303 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

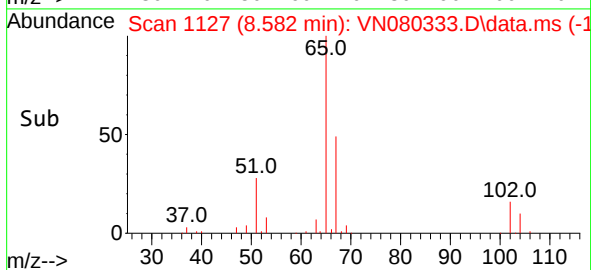
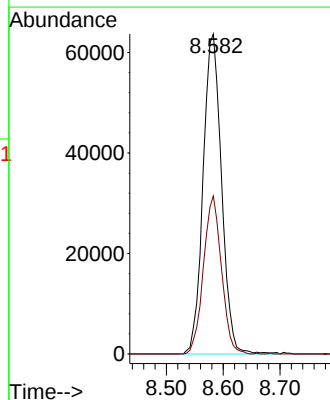
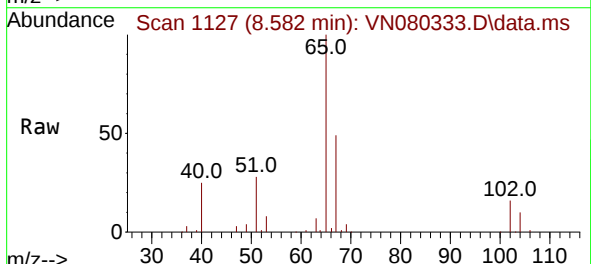
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#02

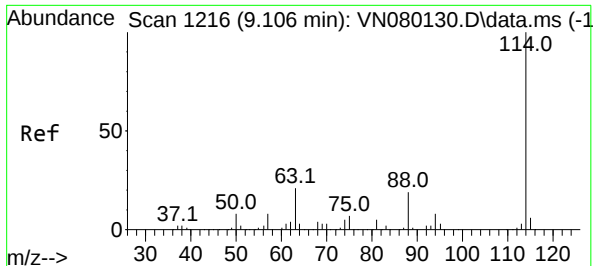
Tgt Ion:	84	Resp:	35957
Ion	Ratio	Lower	Upper
84	100		
49	95.2	79.7	119.5
51	27.9	25.2	37.8
86	57.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 56.971 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

Tgt Ion:	65	Resp:	143449
Ion	Ratio	Lower	Upper
65	100		
67	48.1	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: VN080333.D

Acq: 04 Dec 2023 13:11

Instrument :

MSVOA_N

ClientSampleId :

PB157524ZHE#02

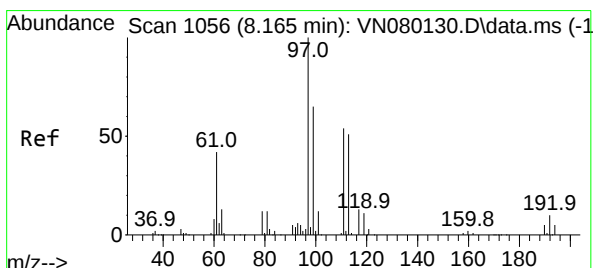
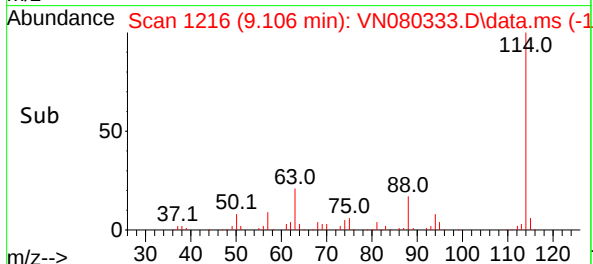
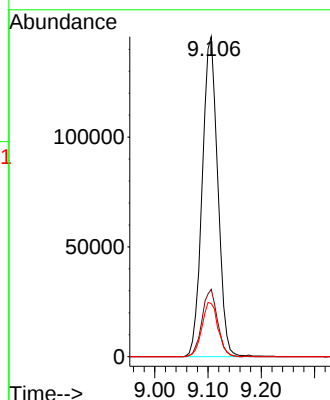
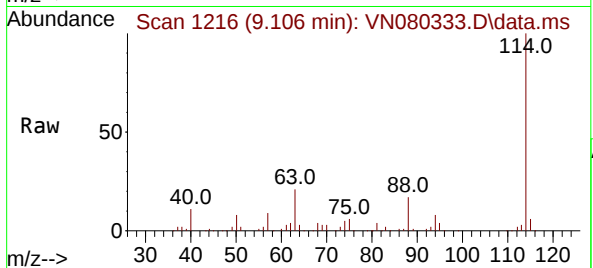
Tgt Ion:114 Resp: 294453

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.546 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080333.D

Acq: 04 Dec 2023 13:11

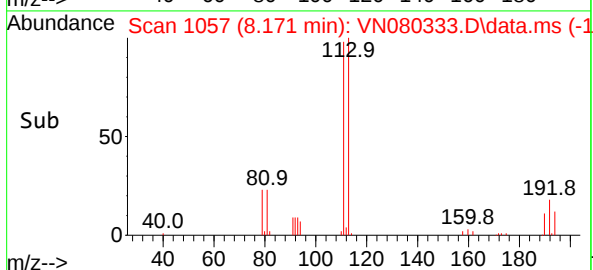
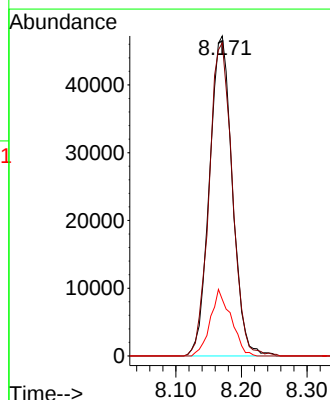
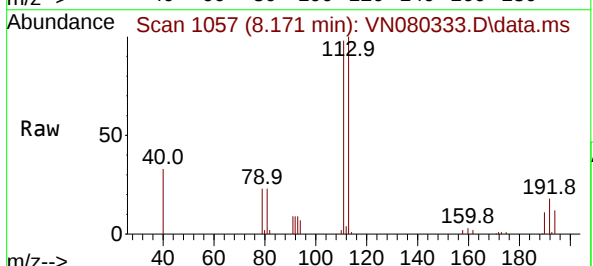
Tgt Ion:113 Resp: 114165

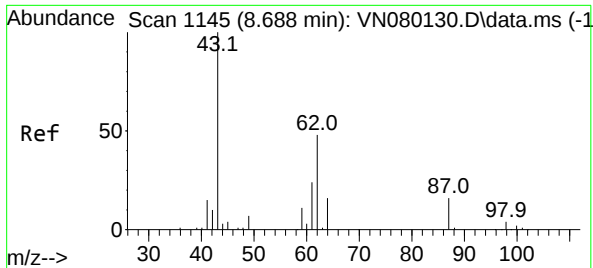
Ion Ratio Lower Upper

113 100

111 99.3 82.6 123.8

192 18.9 12.7 19.1

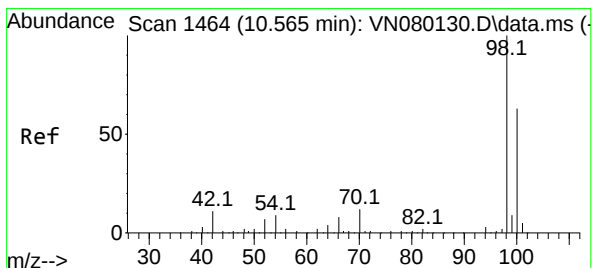
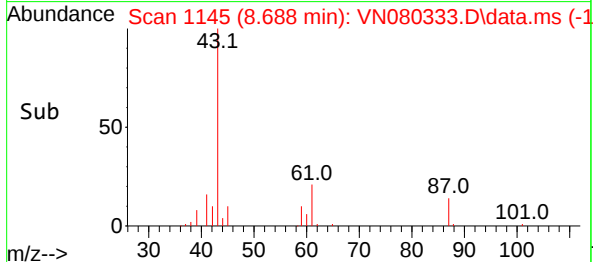
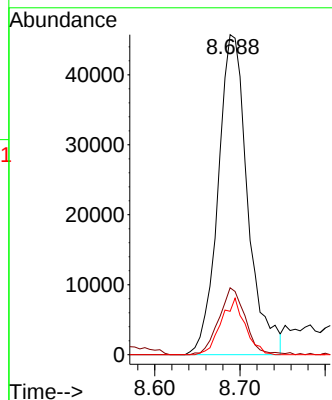
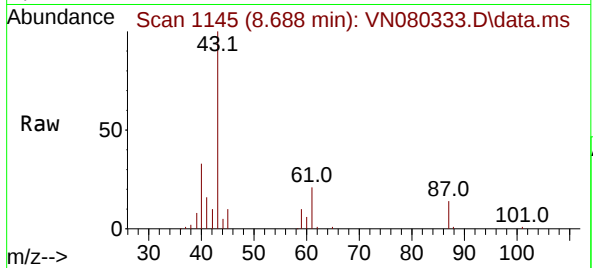




#43
Isopropyl Acetate
Concen: 26.026 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

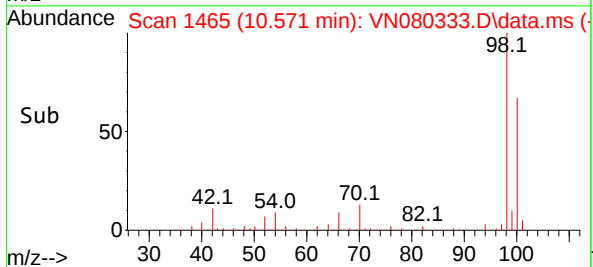
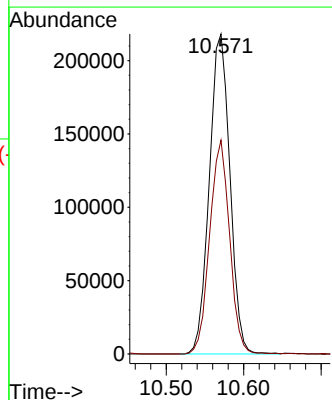
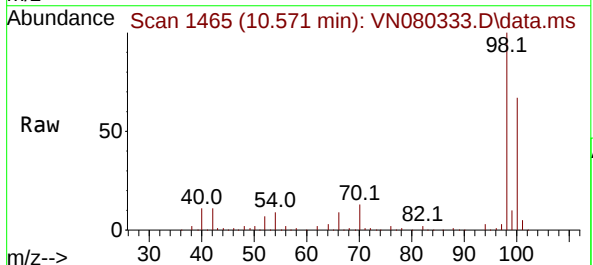
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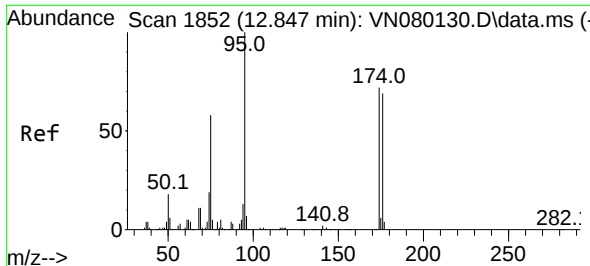
Tgt Ion: 43 Resp: 110507
Ion Ratio Lower Upper
43 100
61 18.8 24.7 37.1#
87 14.4 14.6 21.8#



#50
Toluene-d8
Concen: 51.438 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

Tgt Ion: 98 Resp: 402863
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

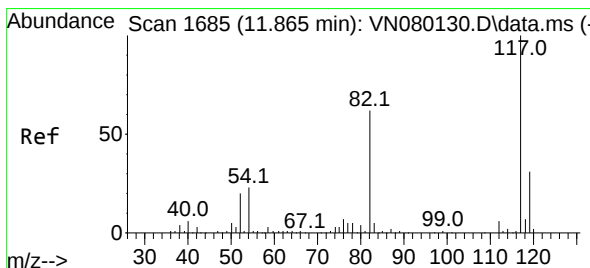
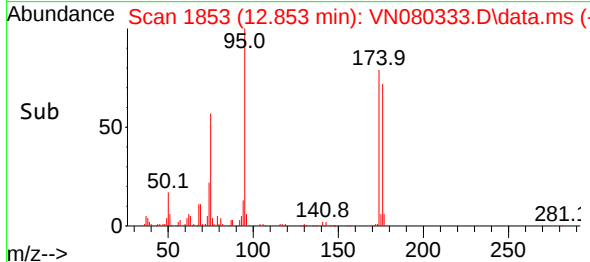
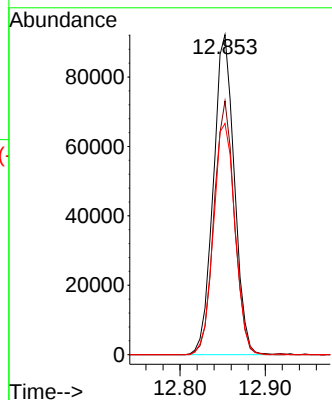
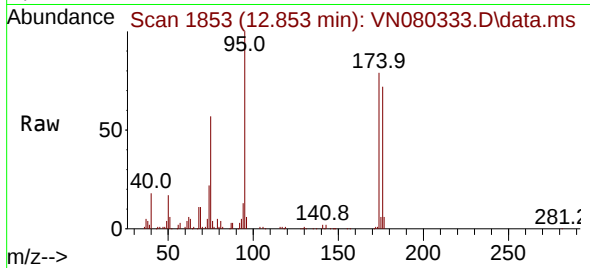




#62
4-Bromofluorobenzene
Concen: 53.222 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

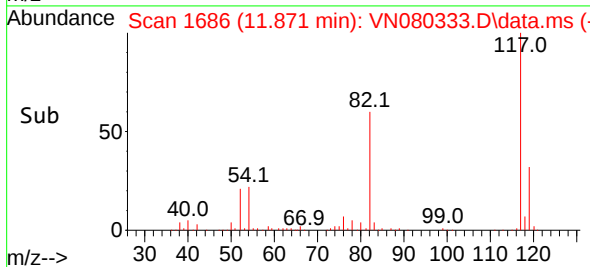
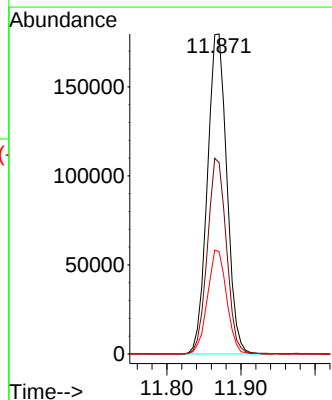
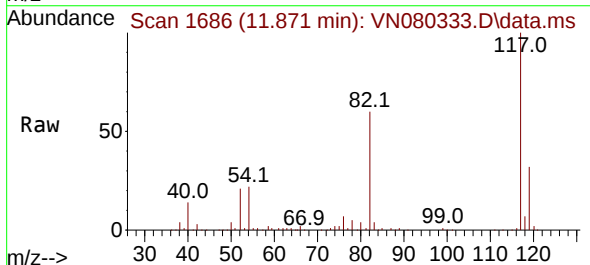
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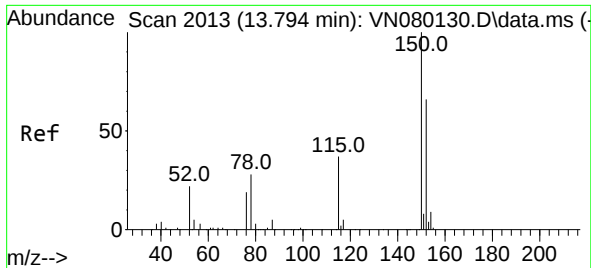
Tgt Ion: 95 Resp: 157447
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 74.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

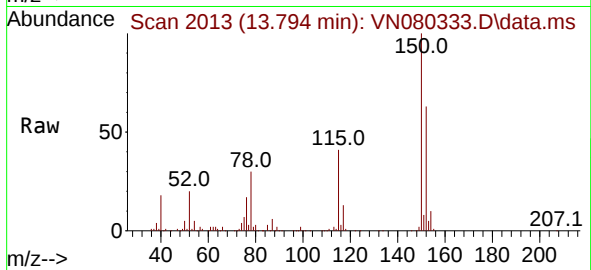
Tgt Ion: 117 Resp: 328596
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 32.0 25.6 38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN080333.D
Acq: 04 Dec 2023 13:11

Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#02



Tgt Ion:152 Resp: 138164
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 154.7 0.0 355.8

