

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080332.D
 Acq On : 04 Dec 2023 12:47
 Operator : JC\MD
 Sample : PB157524ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB157524ZHE#01

Quant Time: Dec 05 04:13:53 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)

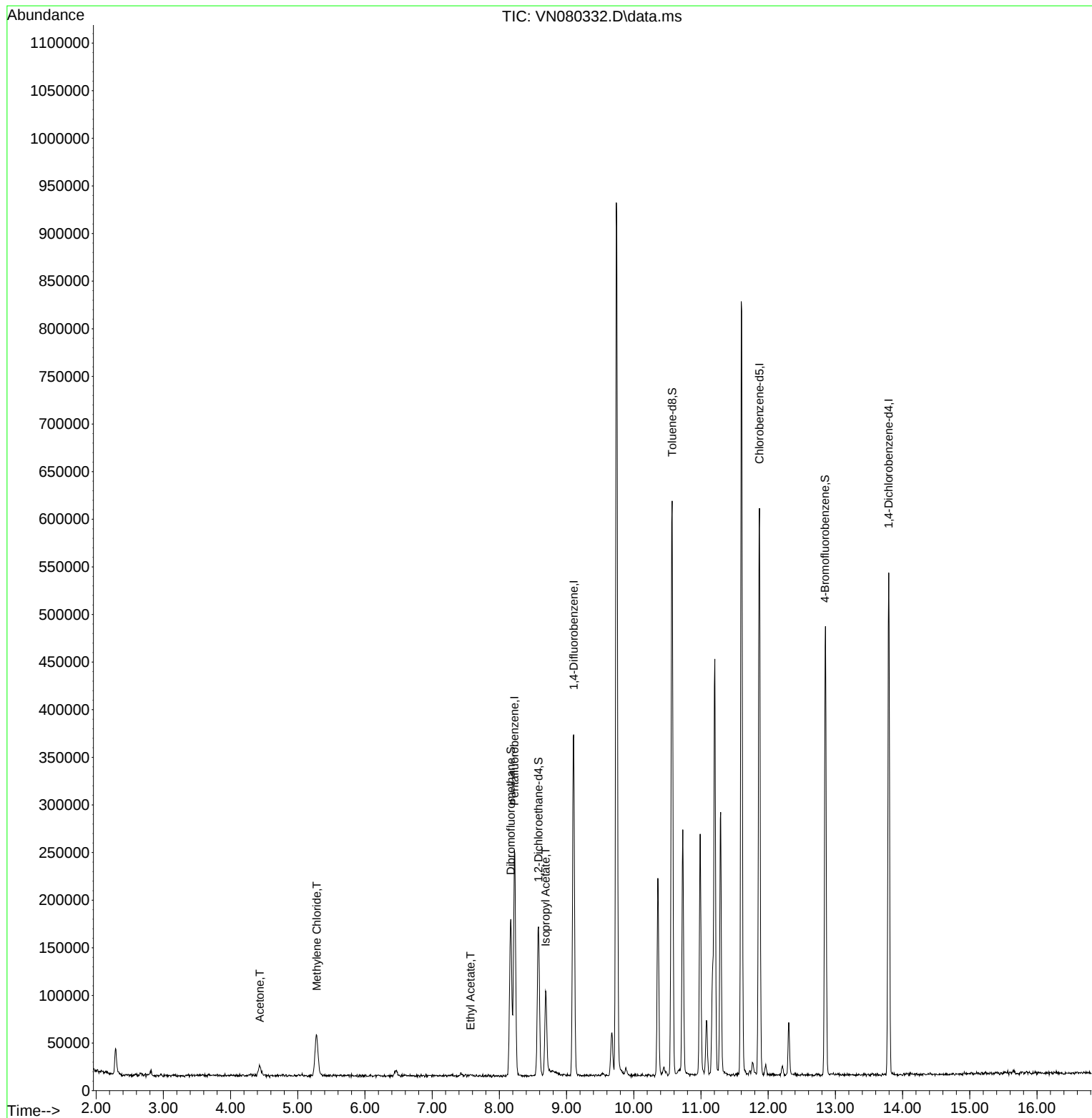
Internal Standards						
1) Pentafluorobenzene	8.224	168	163239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	339278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148592	55.129	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.260%
35) Dibromofluoromethane	8.171	113	114282	51.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.440%
50) Toluene-d8	10.571	98	416810	51.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.847	95	162683	53.550	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.100%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	19377	21.404	ug/l	98
20) Methylene Chloride	5.283	84	38131	20.113	ug/l	92
37) Ethyl Acetate	7.571	43	2778	1.240	ug/l #	78
43) Isopropyl Acetate	8.688	43	104807	24.037	ug/l #	84

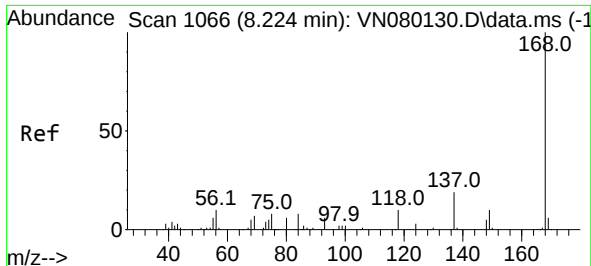
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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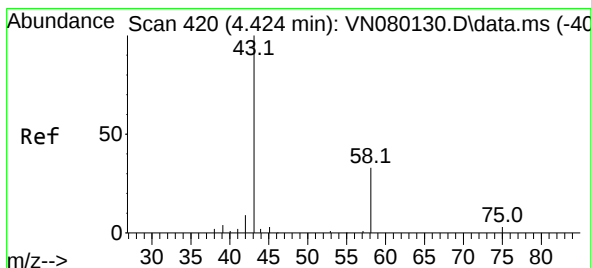
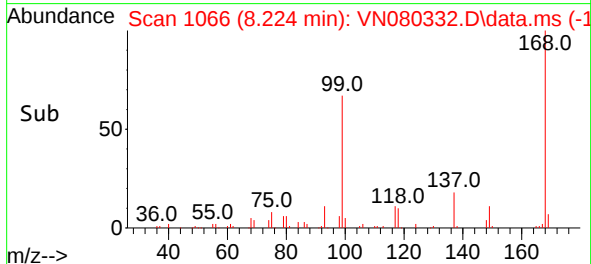
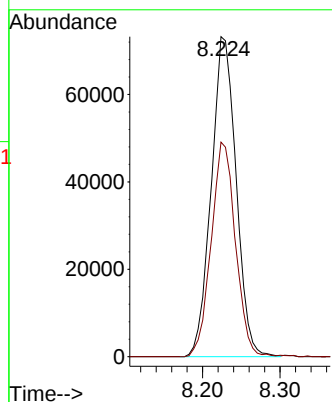
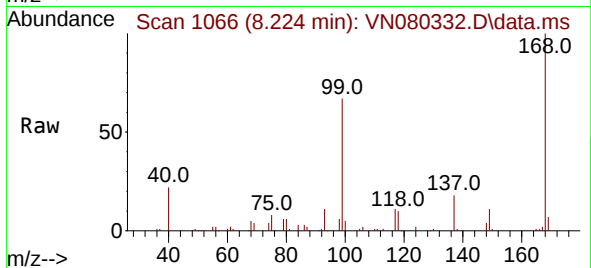




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

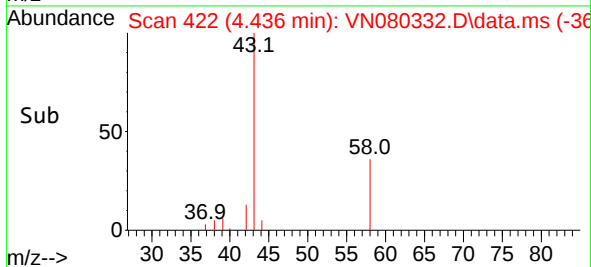
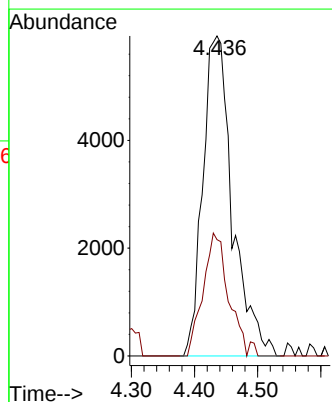
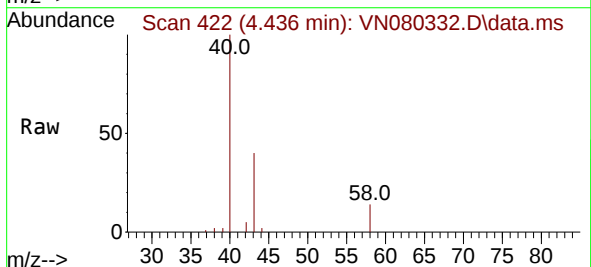
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#01

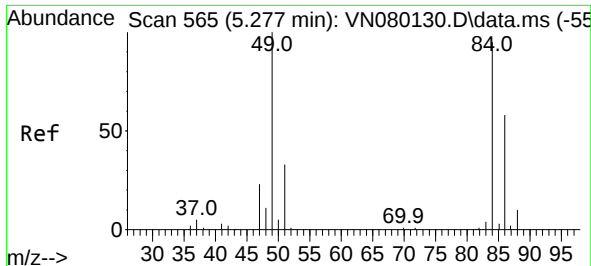
Tgt Ion:168 Resp: 163239
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6



#16
Acetone
Concen: 21.404 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

Tgt Ion: 43 Resp: 19377
Ion Ratio Lower Upper
43 100
58 36.3 28.0 42.0

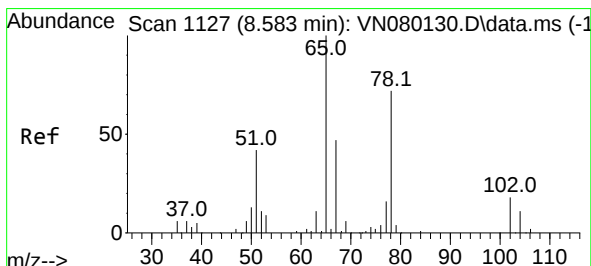
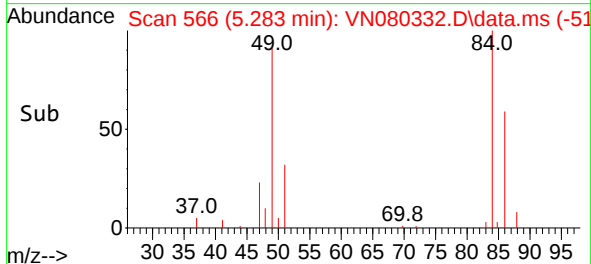
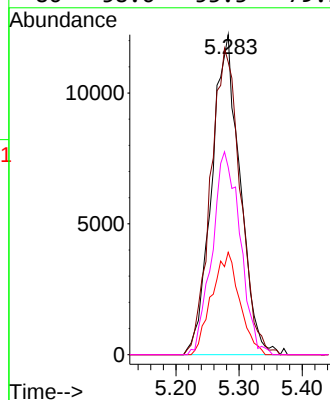
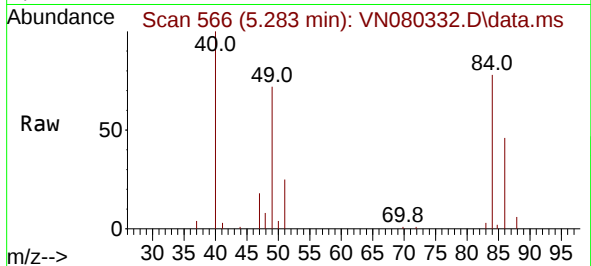




#20
Methylene Chloride
Concen: 20.113 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

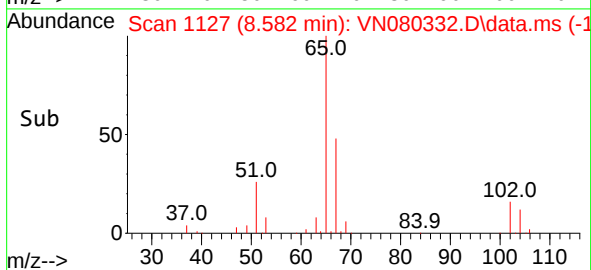
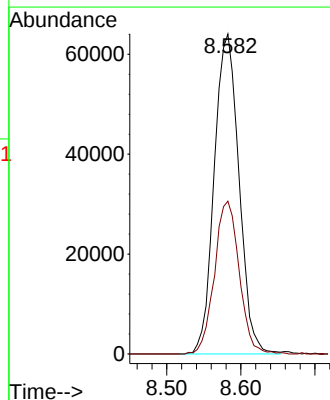
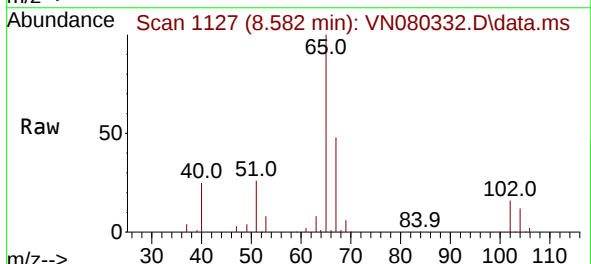
Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#01

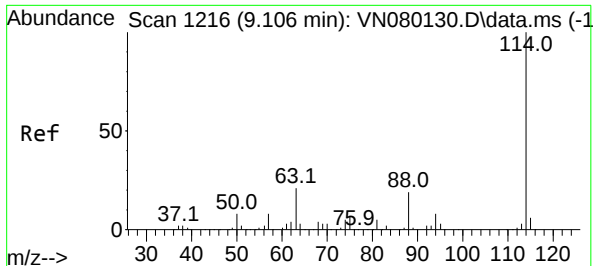
Tgt Ion: 84	Resp: 38131
Ion Ratio	Lower Upper
84 100	
49 91.5	79.7 119.5
51 32.0	25.2 37.8
86 58.6	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 55.129 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

Tgt Ion: 65	Resp: 148592
Ion Ratio	Lower Upper
65 100	
67 47.7	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080332.D

Acq: 04 Dec 2023 12:47

Instrument :

MSVOA_N

ClientSampleId :

PB157524ZHE#01

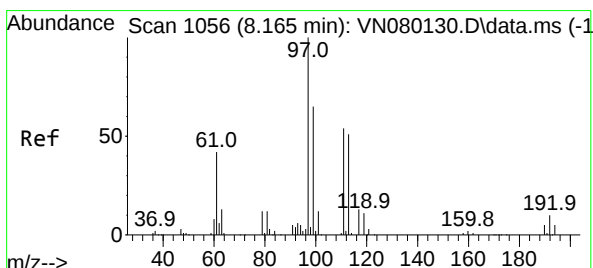
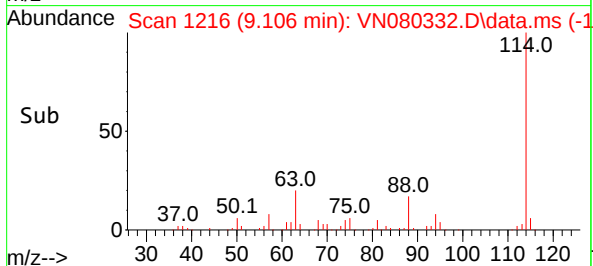
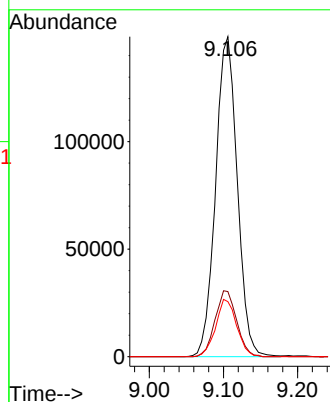
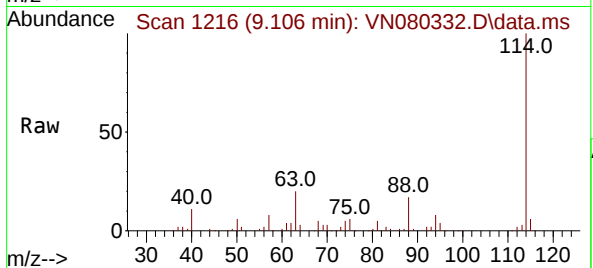
Tgt Ion:114 Resp: 302381

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.221 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080332.D

Acq: 04 Dec 2023 12:47

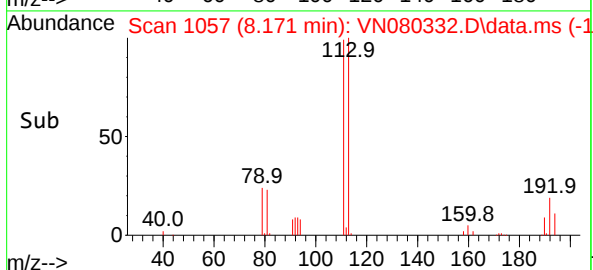
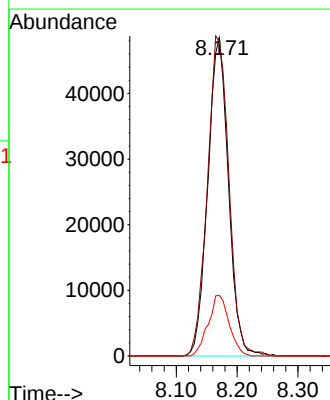
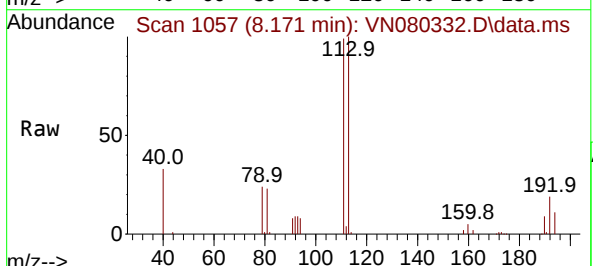
Tgt Ion:113 Resp: 114282

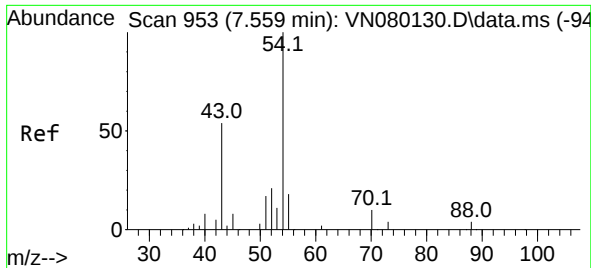
Ion Ratio Lower Upper

113 100

111 104.5 82.6 123.8

192 19.3 12.7 19.1#

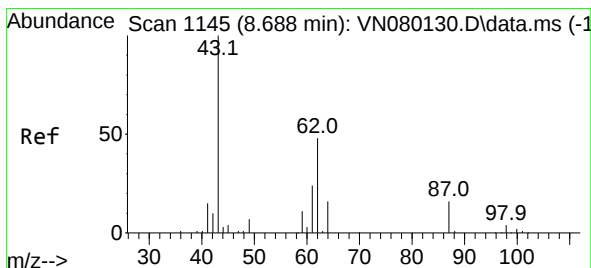
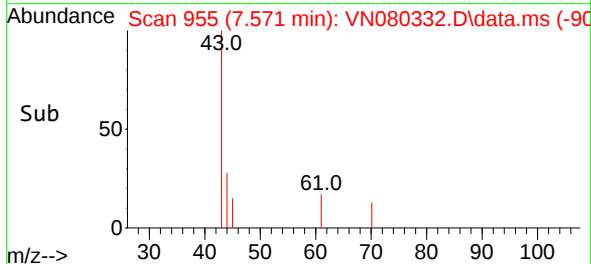
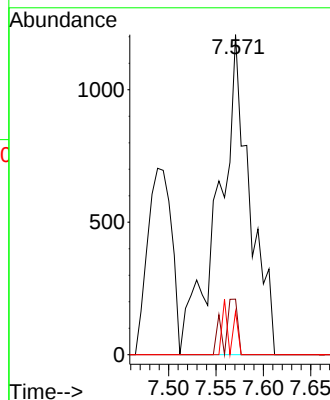
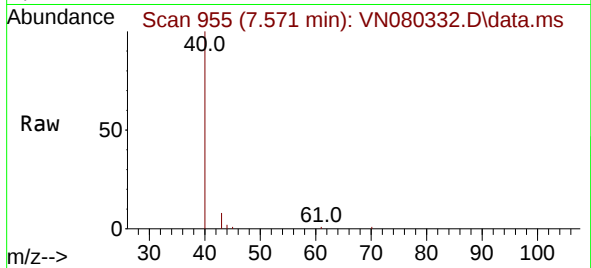




#37
Ethyl Acetate
Concen: 1.240 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

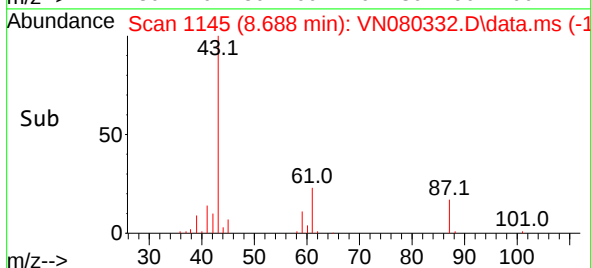
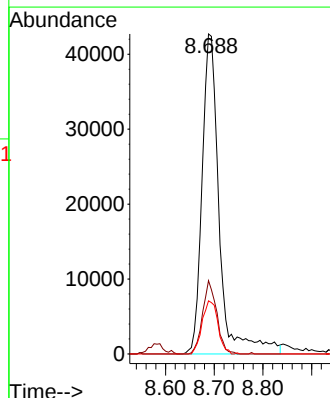
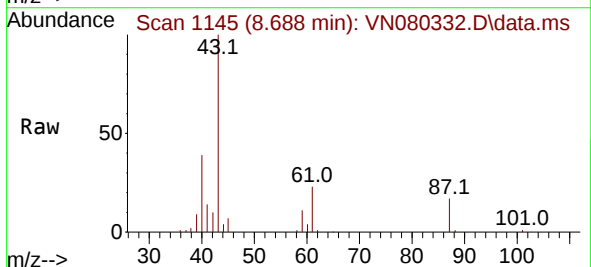
Instrument :
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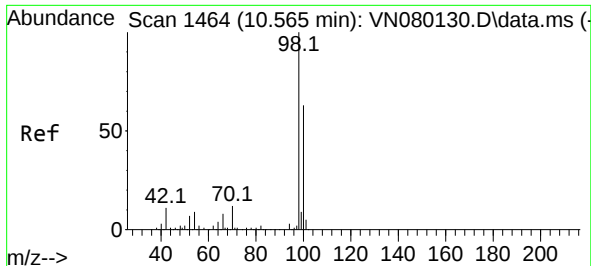
Tgt Ion: 43 Resp: 2778
Ion Ratio Lower Upper
43 100
61 7.2 13.2 19.8#
70 4.7 11.3 16.9#



#43
Isopropyl Acetate
Concen: 24.037 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

Tgt Ion: 43 Resp: 104807
Ion Ratio Lower Upper
43 100
61 18.7 24.7 37.1#
87 15.2 14.6 21.8

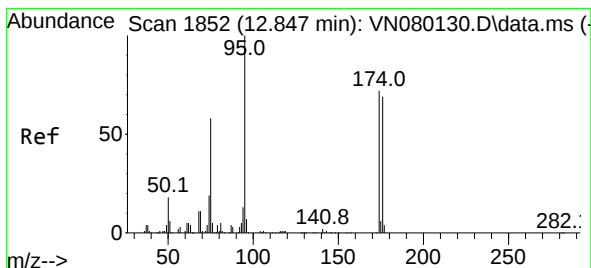
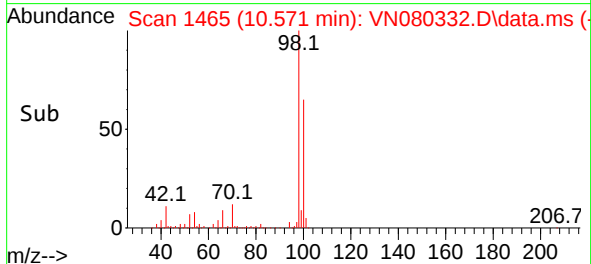
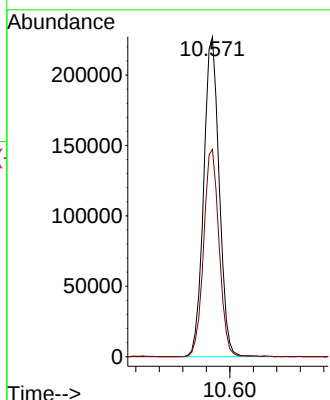
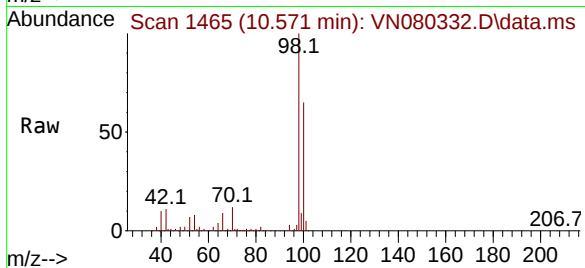




#50
Toluene-d8
Concen: 51.823 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

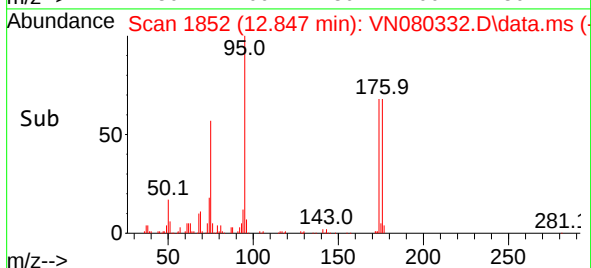
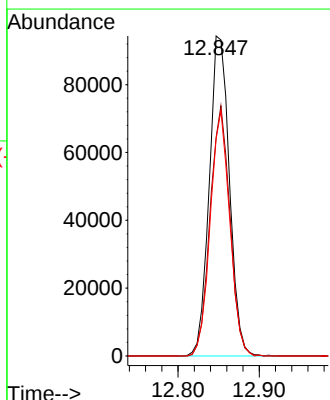
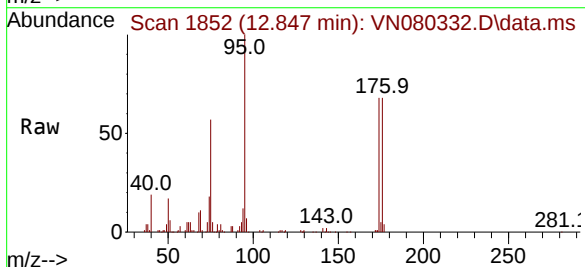
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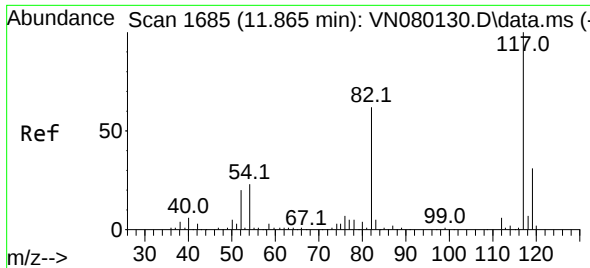
Tgt Ion: 98 Resp: 416810
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

Tgt Ion: 95 Resp: 162683
Ion Ratio Lower Upper
95 100
174 76.9 0.0 143.8
176 74.2 0.0 135.8

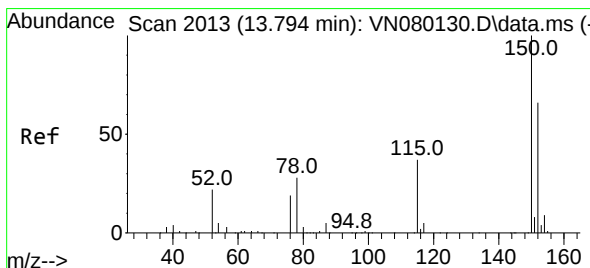
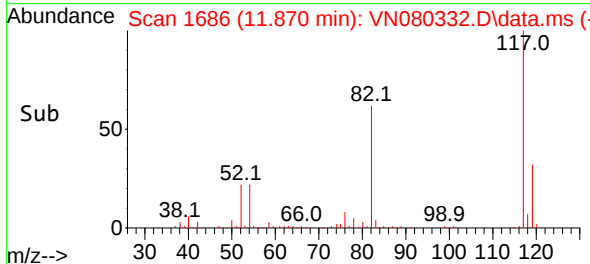
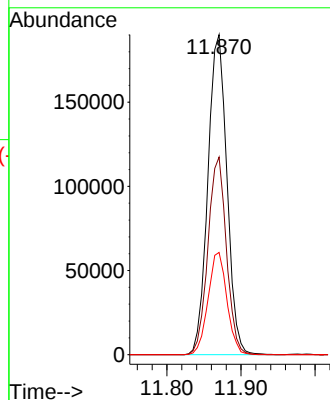
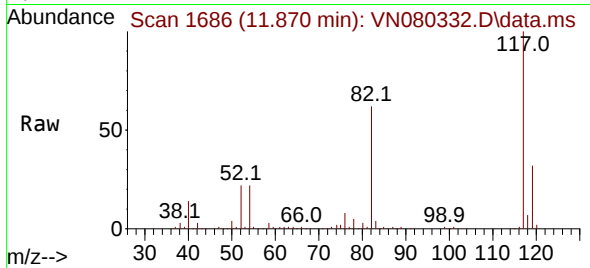




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

Instrument :
MSVOA_N
ClientSampleId :
PB157524ZHE#01

Tgt Ion:117 Resp: 339278
Ion Ratio Lower Upper
117 100
82 61.8 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# 2013
Delta R.T. -0.000 min
Lab File: VN080332.D
Acq: 04 Dec 2023 12:47

Tgt Ion:152 Resp: 141514
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 158.5 0.0 355.8

