

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077335.D
 Acq On : 13 Apr 2023 17:52
 Operator : JC\MD
 Sample : PB152070ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152070ZHE#07

Quant Time: Apr 14 07:25:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

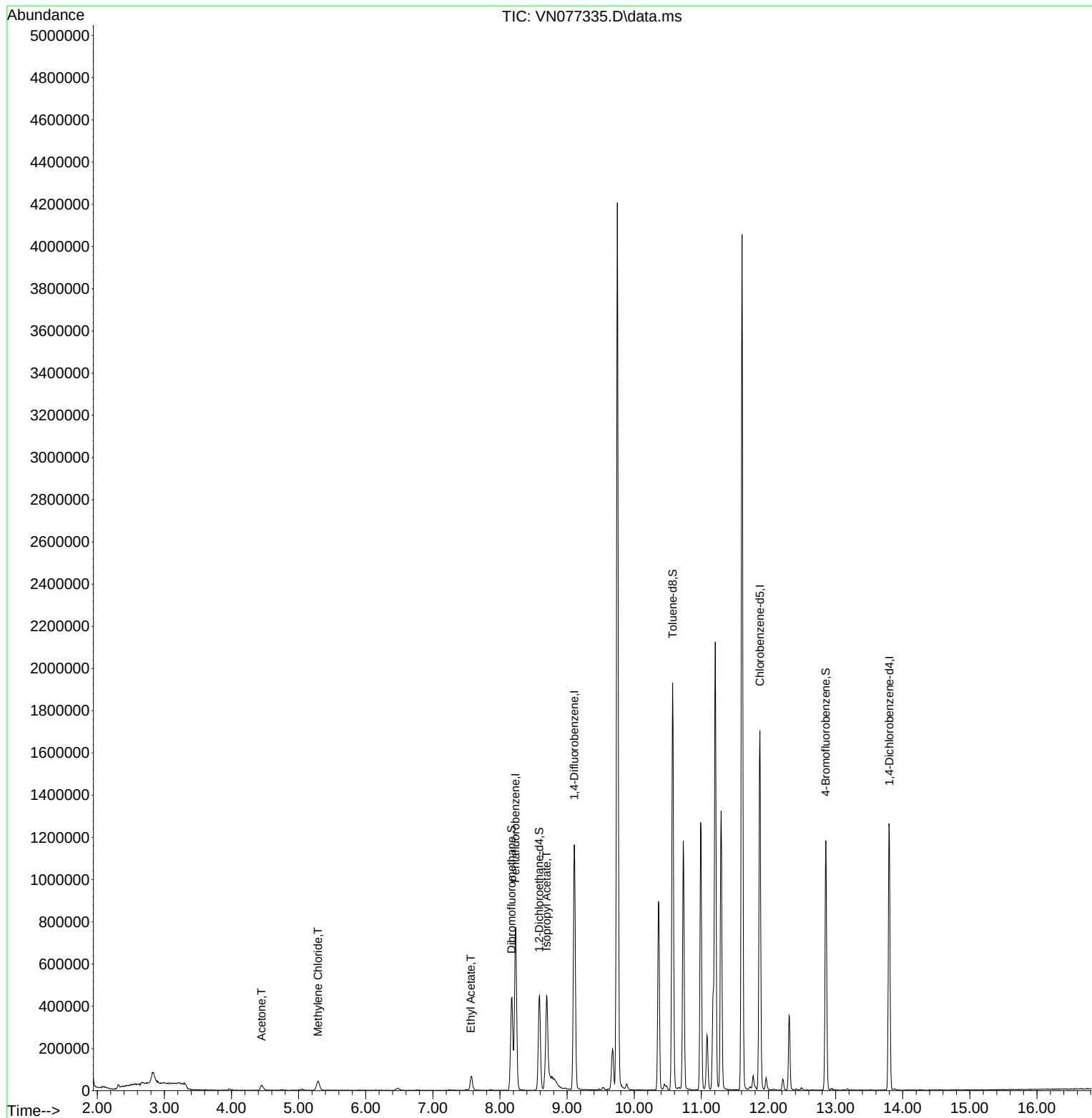
Internal Standards						
1) Pentafluorobenzene	8.231	168	547681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1080138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	1001041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	341374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	347108	46.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.740%
35) Dibromofluoromethane	8.172	113	321558	46.503	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	10.572	98	1347302	48.401	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.854	95	414444	44.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.540%
Target Compounds						
					Qvalue	
16) Acetone	4.449	43	44652	16.179	ug/l	90
20) Methylene Chloride	5.290	84	39199	5.029	ug/l	88
37) Ethyl Acetate	7.566	43	96123	10.505	ug/l	97
43) Isopropyl Acetate	8.695	43	534041	31.630	ug/l #	85

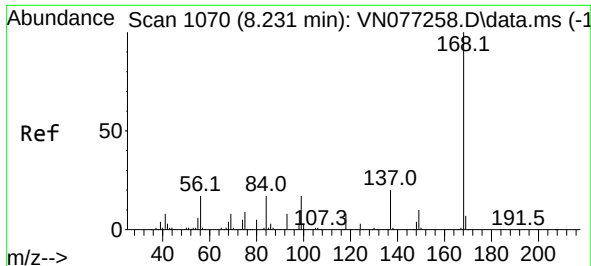
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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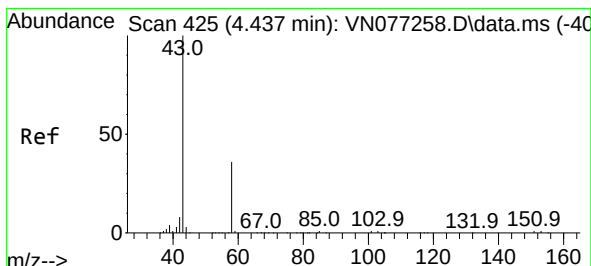
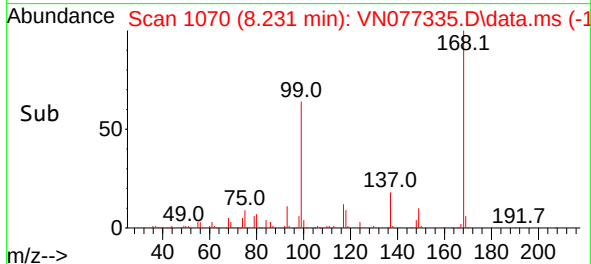
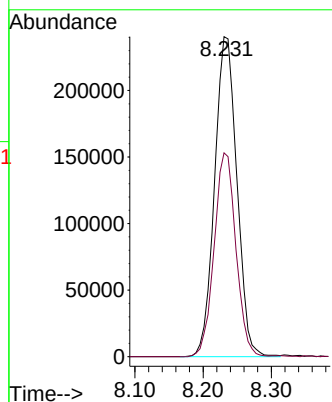
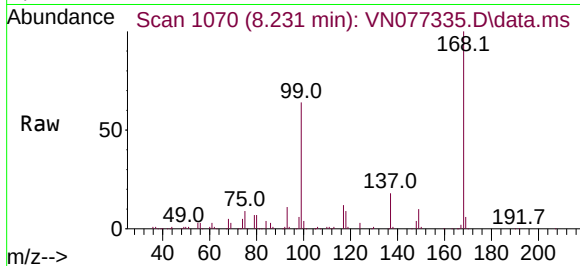




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

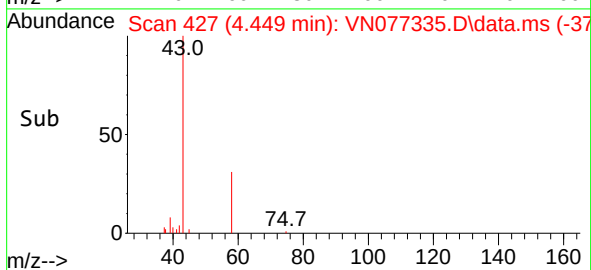
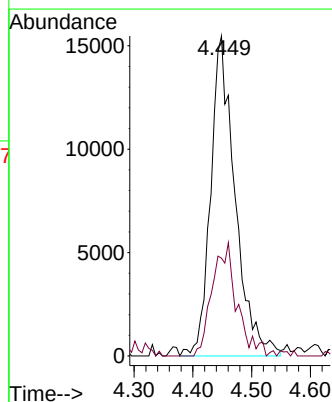
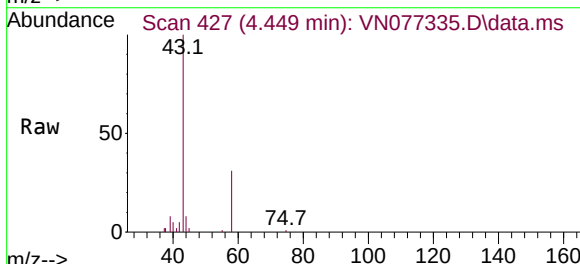
Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#07

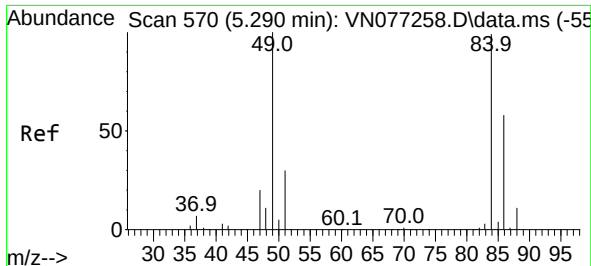
Tgt Ion:168 Resp: 547681
Ion Ratio Lower Upper
168 100
99 63.7 50.6 75.8



#16
Acetone
Concen: 16.179 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

Tgt Ion: 43 Resp: 44652
Ion Ratio Lower Upper
43 100
58 30.5 29.0 43.6

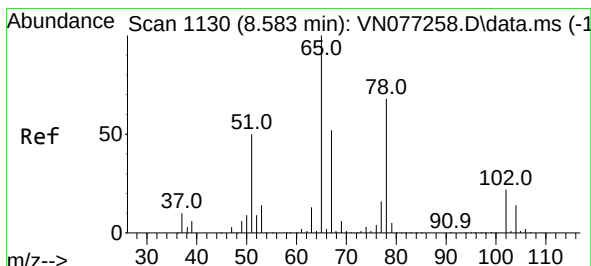
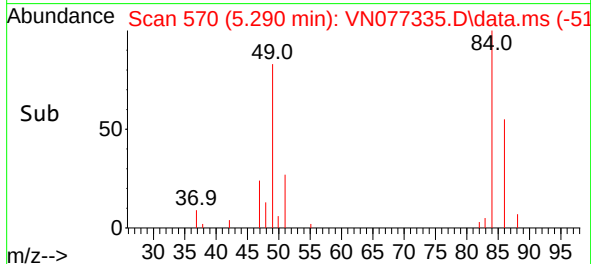
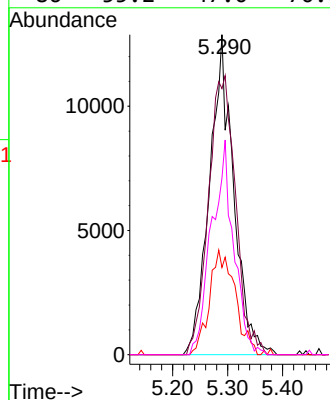
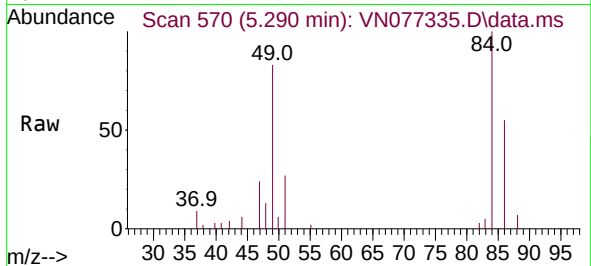




#20
Methylene Chloride
Concen: 5.029 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

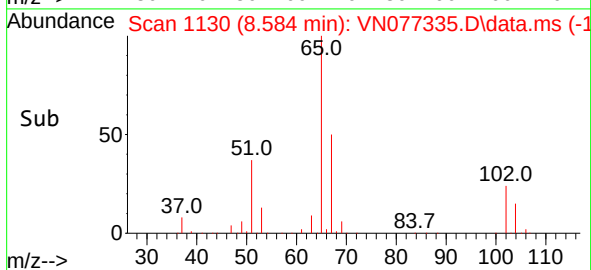
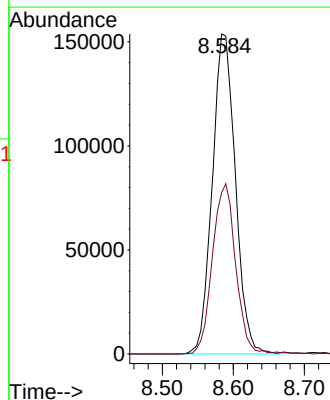
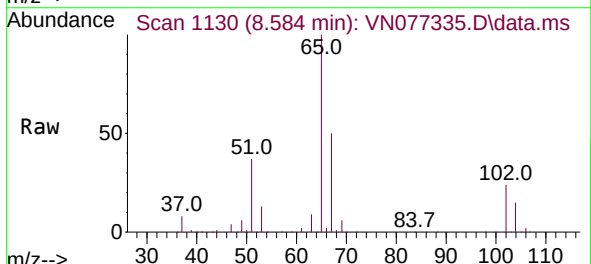
Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#07

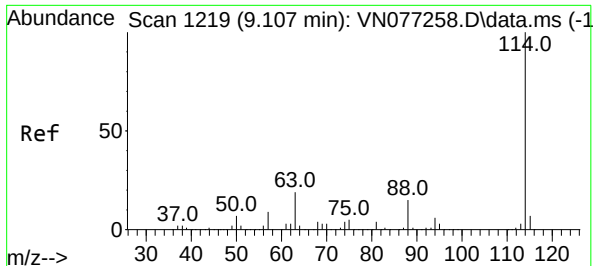
Tgt Ion:	84	Resp:	39199
Ion	Ratio	Lower	Upper
84	100		
49	83.1	80.6	121.0
51	27.3	24.4	36.6
86	55.2	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 46.372 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

Tgt Ion:	65	Resp:	347108
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077335.D

Acq: 13 Apr 2023 17:52

Instrument :

MSVOA_N

ClientSampleId :

PB152070ZHE#07

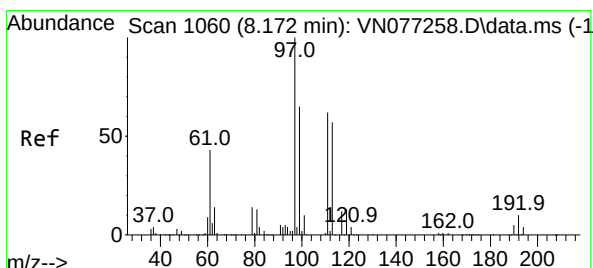
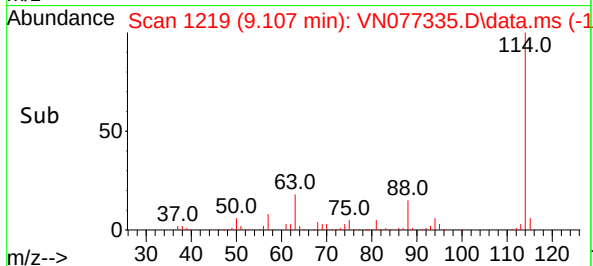
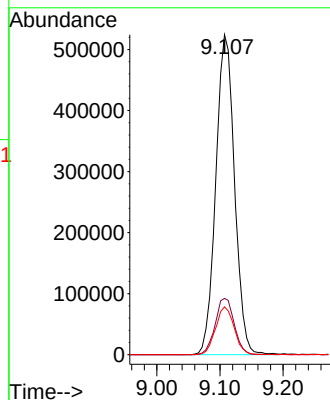
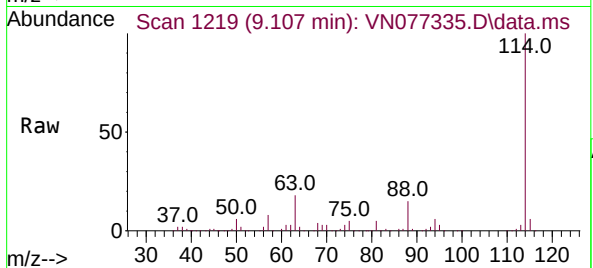
Tgt Ion:114 Resp: 1080138

Ion Ratio Lower Upper

114 100

63 17.6 0.0 37.8

88 14.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.503 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077335.D

Acq: 13 Apr 2023 17:52

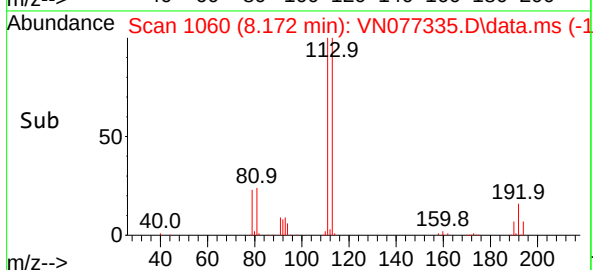
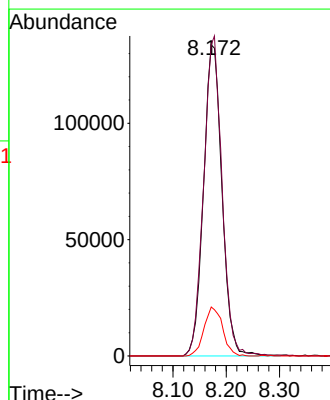
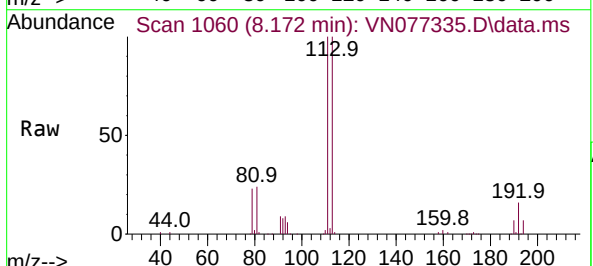
Tgt Ion:113 Resp: 321558

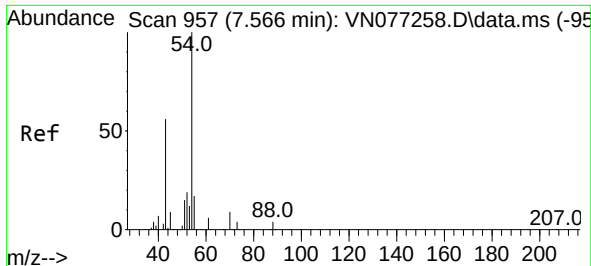
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

192 15.9 13.5 20.3

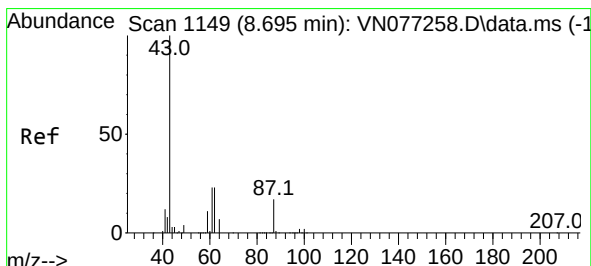
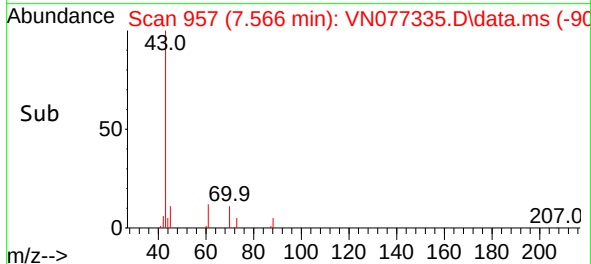
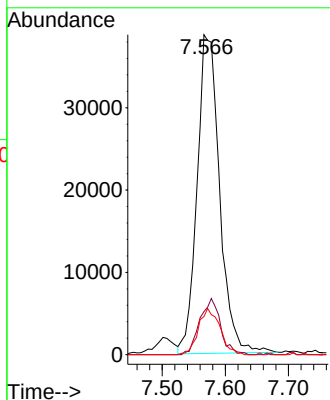
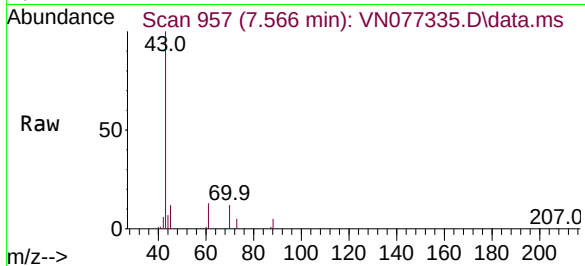




#37
Ethyl Acetate
Concen: 10.505 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

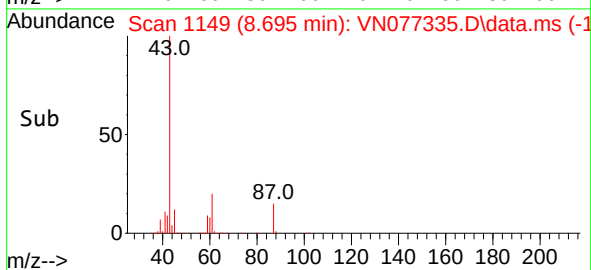
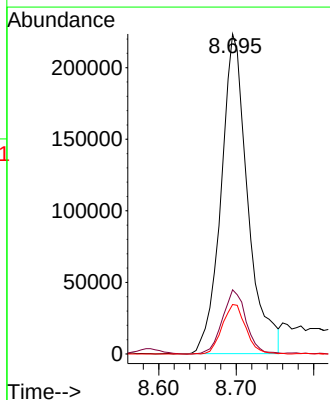
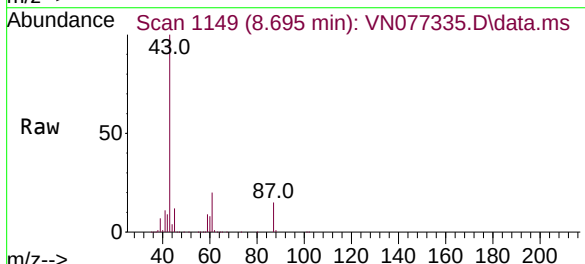
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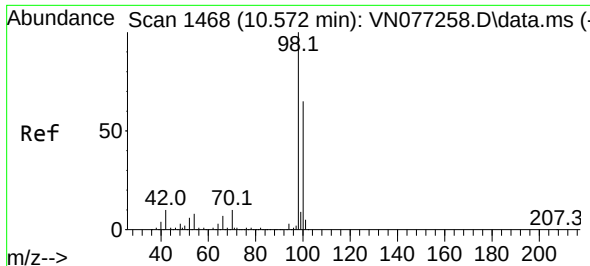
Tgt Ion: 43 Resp: 96123
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.2
70 13.8 10.0 15.0



#43
Isopropyl Acetate
Concen: 31.630 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

Tgt Ion: 43 Resp: 534041
Ion Ratio Lower Upper
43 100
61 17.8 22.7 34.1#
87 13.7 13.6 20.4

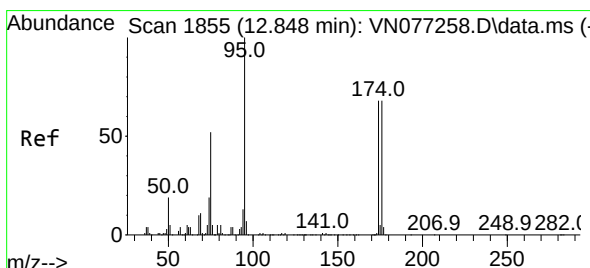
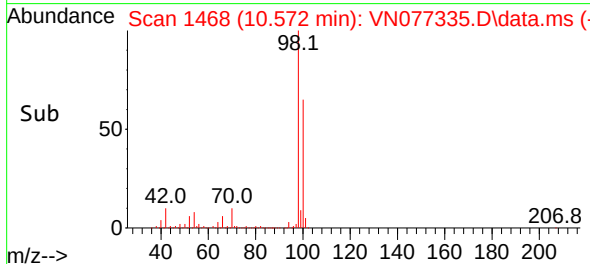
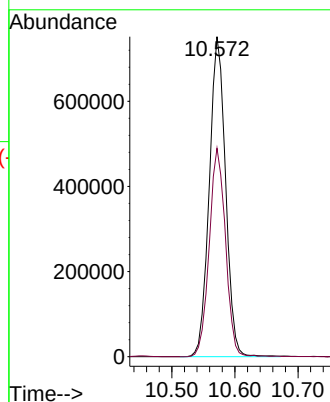
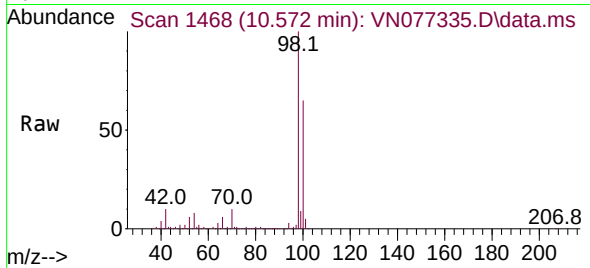




#50
Toluene-d8
Concen: 48.401 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

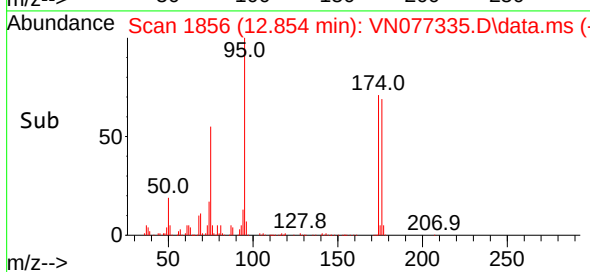
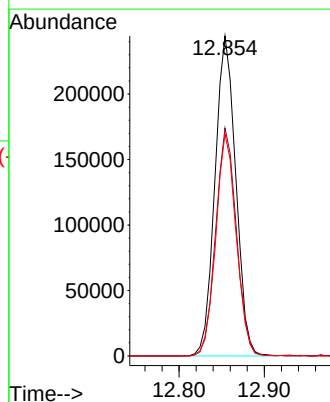
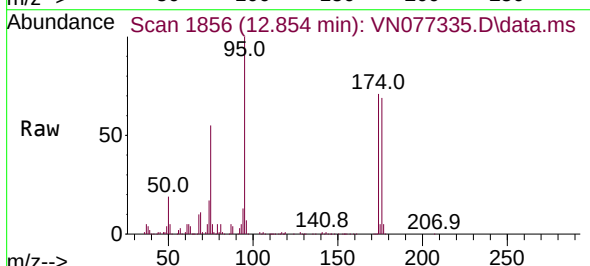
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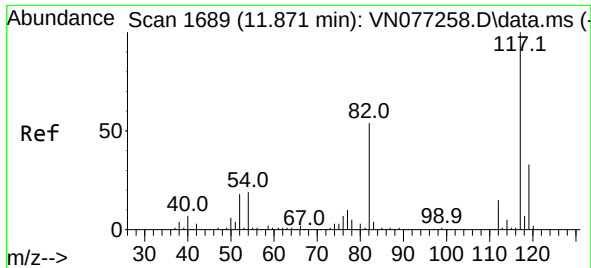
Tgt Ion: 98 Resp: 1347302
Ion Ratio Lower Upper
98 100
100 65.0 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.766 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

Tgt Ion: 95 Resp: 414444
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.8
176 67.9 0.0 139.6

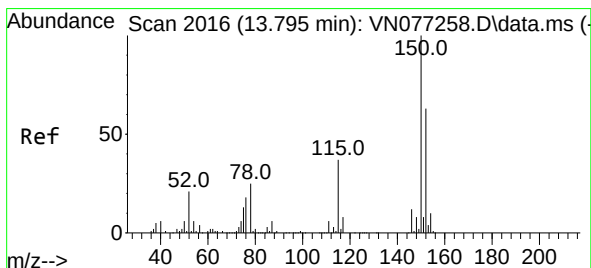
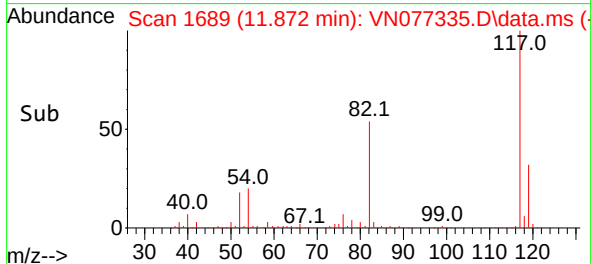
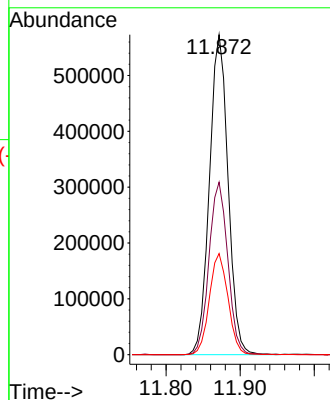
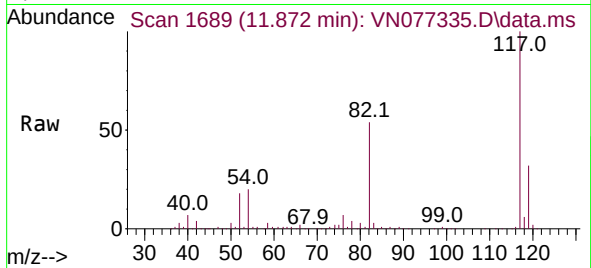




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#07

Tgt Ion:117 Resp: 1001041
Ion Ratio Lower Upper
117 100
82 53.9 42.9 64.3
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN077335.D
Acq: 13 Apr 2023 17:52

Tgt Ion:152 Resp: 341374
Ion Ratio Lower Upper
152 100
115 61.5 32.1 96.3
150 158.6 0.0 354.8

