

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077330.D
 Acq On : 13 Apr 2023 15:50
 Operator : JC\MD
 Sample : PB152070ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152070ZHE#02

Quant Time: Apr 14 07:24:45 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)

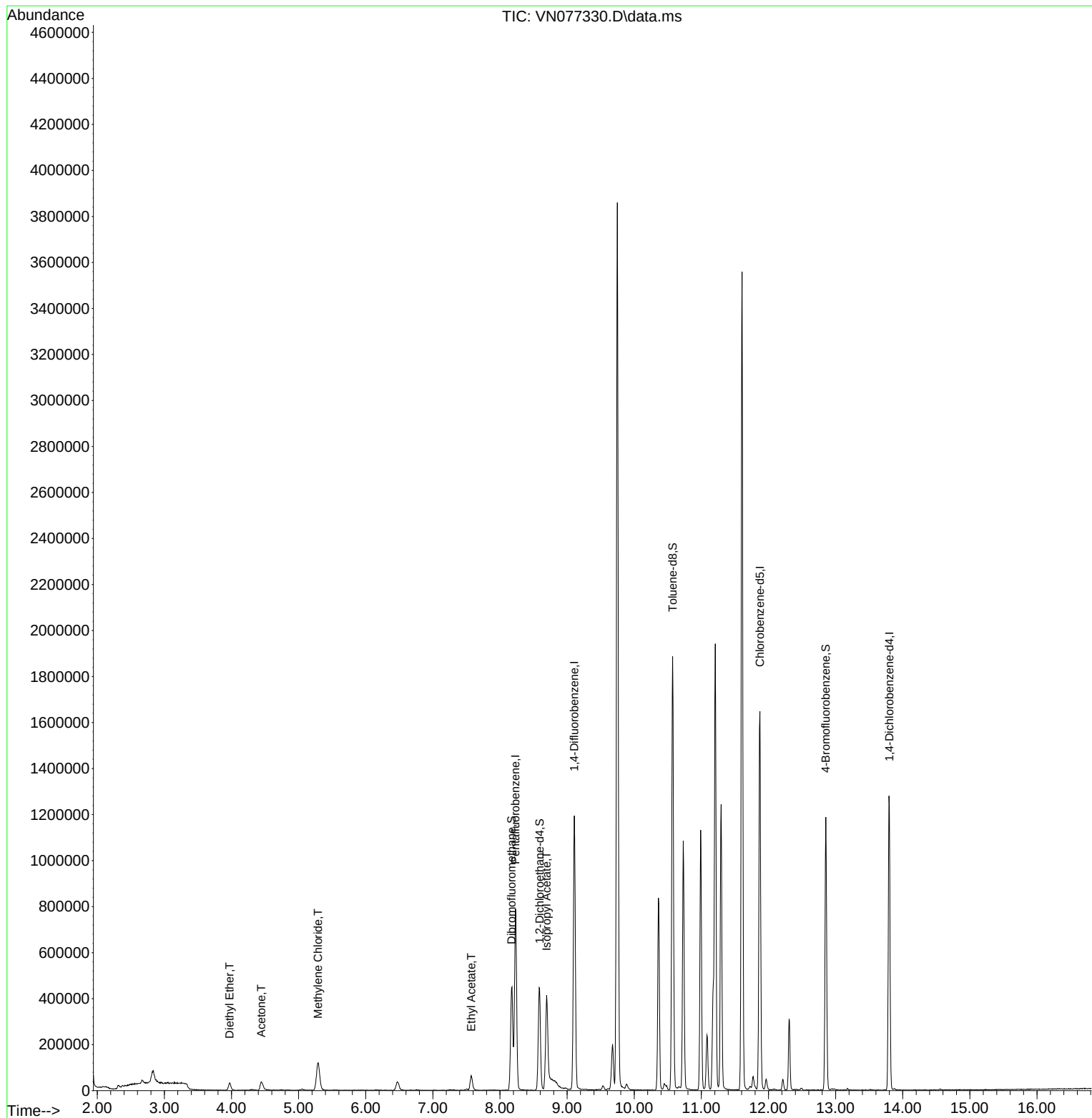
Internal Standards						
1) Pentafluorobenzene	8.230	168	552998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1082282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	992947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	350131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	349894	46.294	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.580%		
35) Dibromofluoromethane	8.172	113	329350	47.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	10.572	98	1350803	48.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.860%		
62) 4-Bromofluorobenzene	12.854	95	413244	44.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.100%		
Target Compounds						Qvalue
8) Diethyl Ether	3.972	74	19999	4.641	ug/l	92
16) Acetone	4.443	43	72307	25.947	ug/l	92
20) Methylene Chloride	5.290	84	109286	13.886	ug/l	93
37) Ethyl Acetate	7.572	43	91082	9.934	ug/l	99
43) Isopropyl Acetate	8.695	43	529116	31.276	ug/l #	83

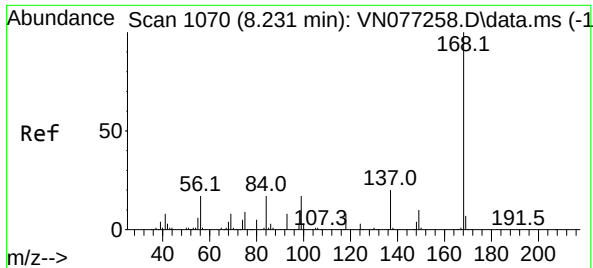
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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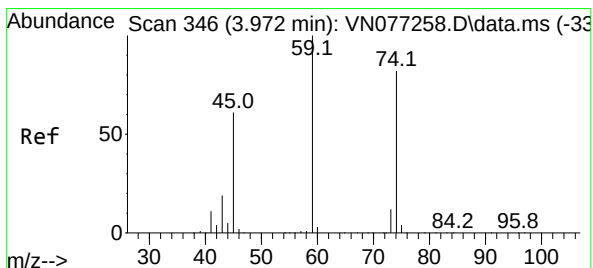
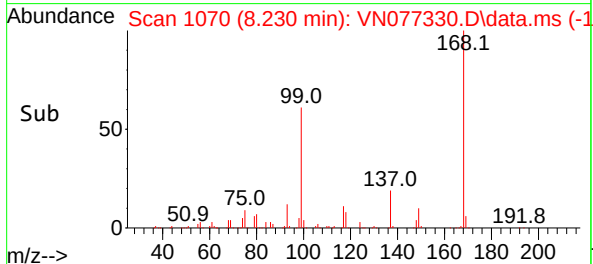
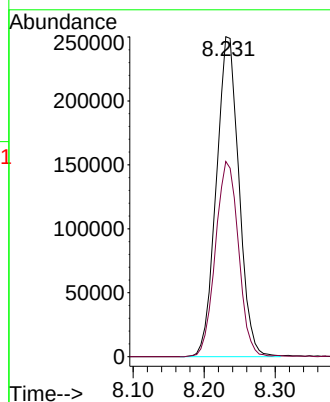
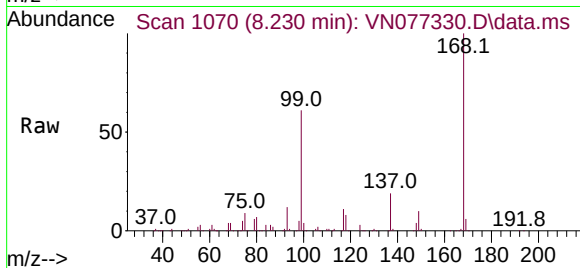




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077330.D
Acq: 13 Apr 2023 15:50

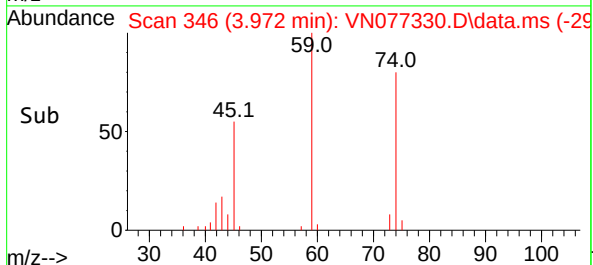
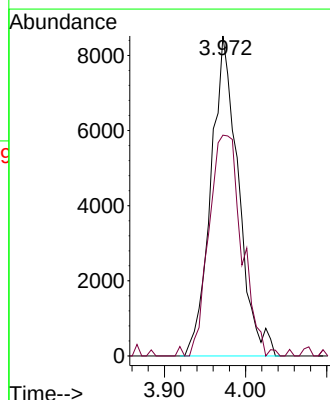
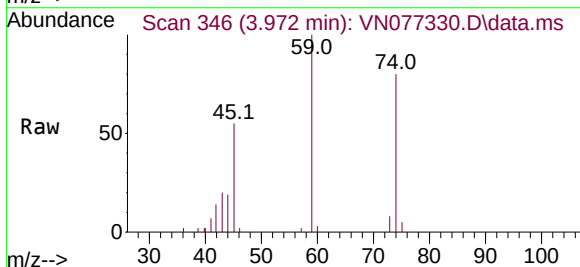
Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#02

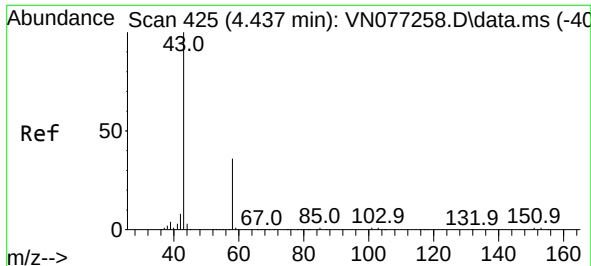
Tgt Ion:168 Resp: 552998
Ion Ratio Lower Upper
168 100
99 61.0 50.6 75.8



#8
Diethyl Ether
Concen: 4.641 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077330.D
Acq: 13 Apr 2023 15:50

Tgt Ion: 74 Resp: 19999
Ion Ratio Lower Upper
74 100
45 82.4 37.8 113.4

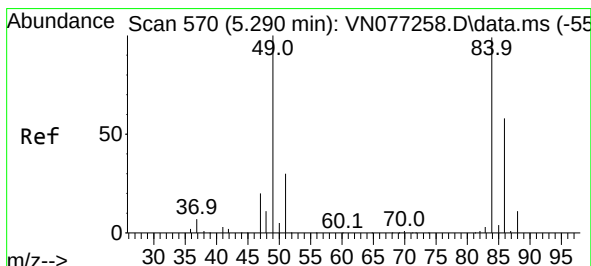
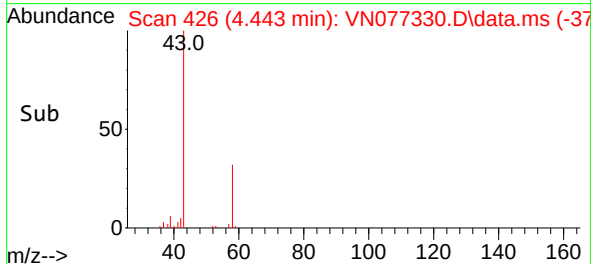
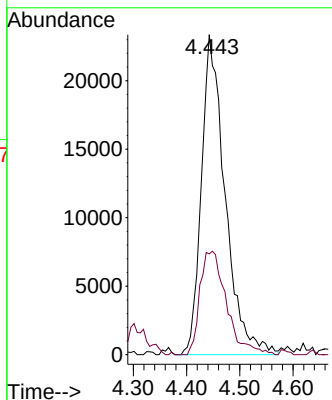
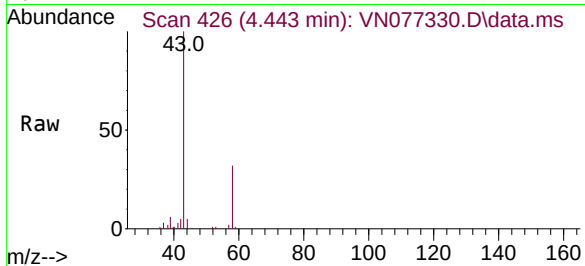




#16
Acetone
Concen: 25.947 ug/l
RT: 4.443 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077330.D
Acq: 13 Apr 2023 15:50

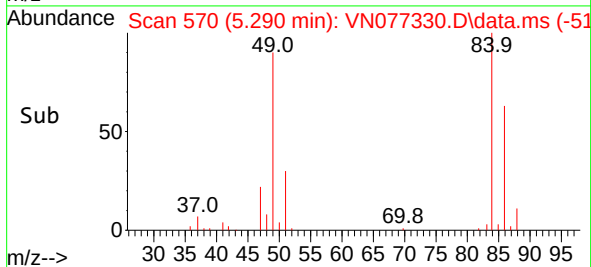
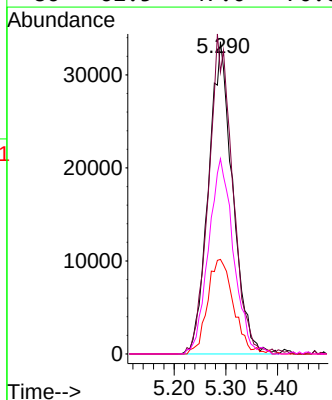
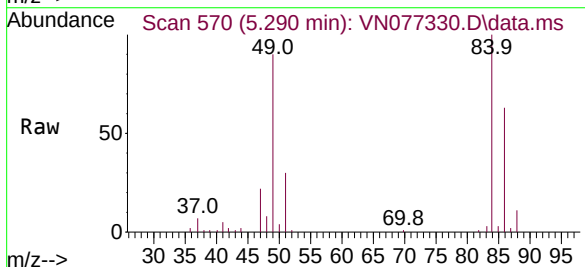
Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#02

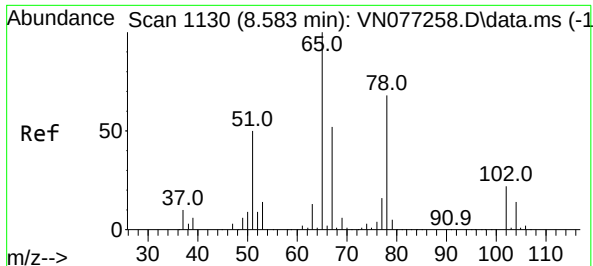
Tgt Ion: 43 Resp: 72307
Ion Ratio Lower Upper
43 100
58 31.5 29.0 43.6



#20
Methylene Chloride
Concen: 13.886 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077330.D
Acq: 13 Apr 2023 15:50

Tgt Ion: 84 Resp: 109286
Ion Ratio Lower Upper
84 100
49 90.3 80.6 121.0
51 30.3 24.4 36.6
86 62.5 47.0 70.6





#33

1,2-Dichloroethane-d4

Concen: 46.294 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077330.D

Acq: 13 Apr 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

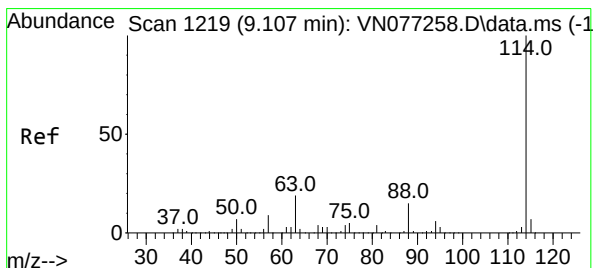
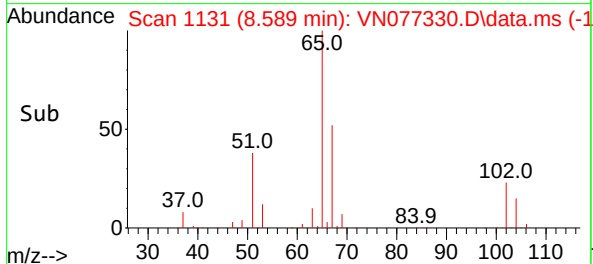
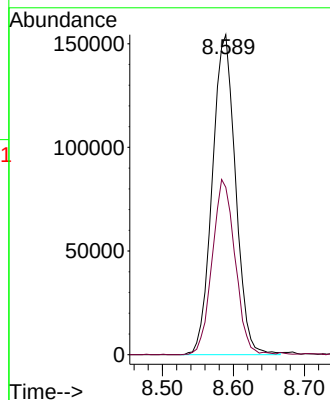
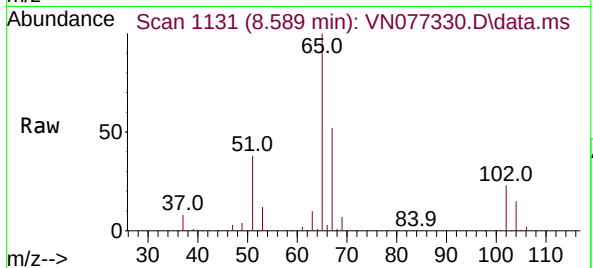
PB152070ZHE#02

Tgt Ion: 65 Resp: 349894

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077330.D

Acq: 13 Apr 2023 15:50

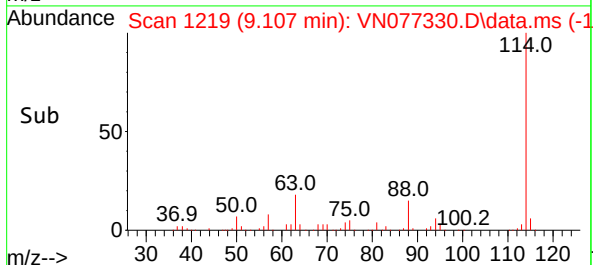
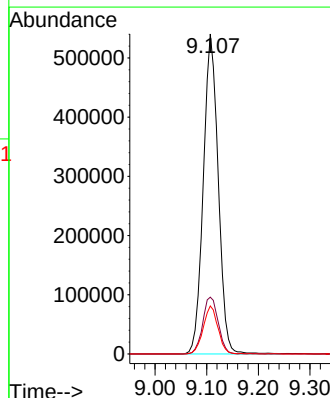
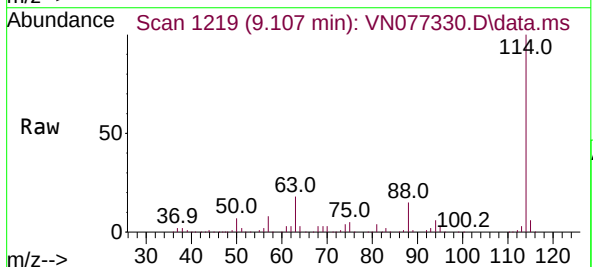
Tgt Ion: 114 Resp: 1082282

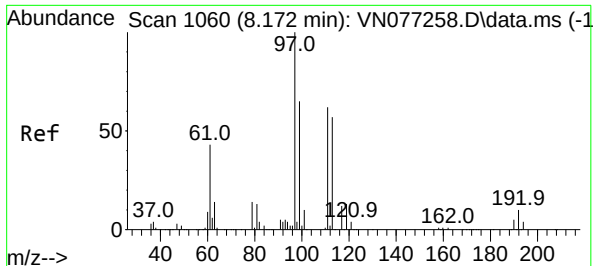
Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.8

88 15.0 0.0 29.4





#35

Dibromofluoromethane

Concen: 47.536 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077330.D

Acq: 13 Apr 2023 15:50

Instrument :

MSVOA_N

ClientSampleId :

PB152070ZHE#02

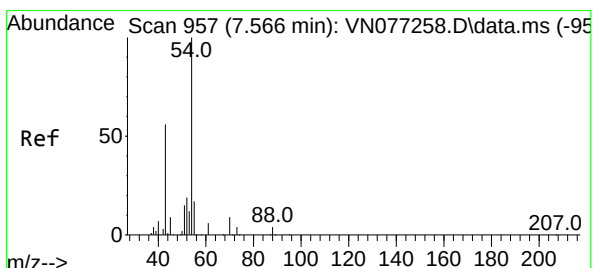
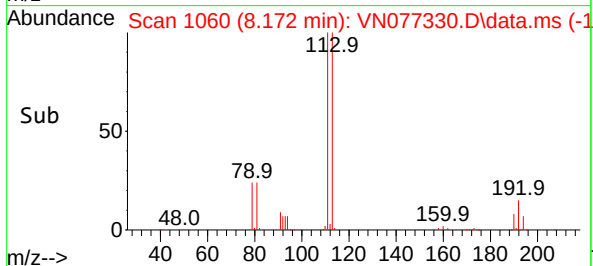
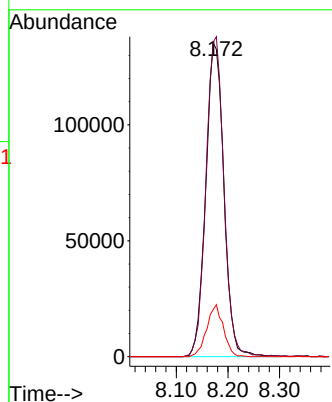
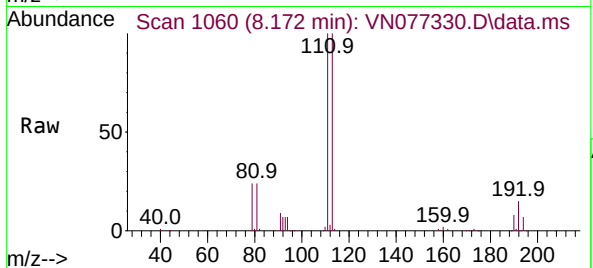
Tgt Ion:113 Resp: 329350

Ion Ratio Lower Upper

113 100

111 101.2 83.4 125.0

192 15.3 13.5 20.3



#37

Ethyl Acetate

Concen: 9.934 ug/l

RT: 7.572 min Scan# 958

Delta R.T. 0.006 min

Lab File: VN077330.D

Acq: 13 Apr 2023 15:50

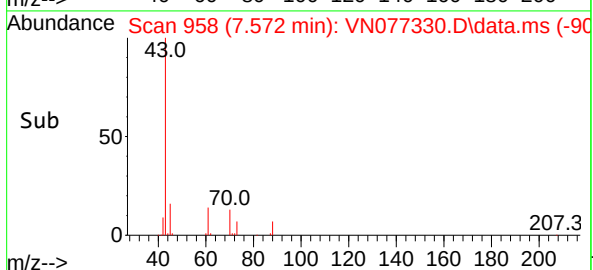
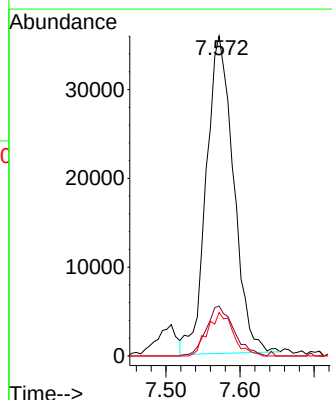
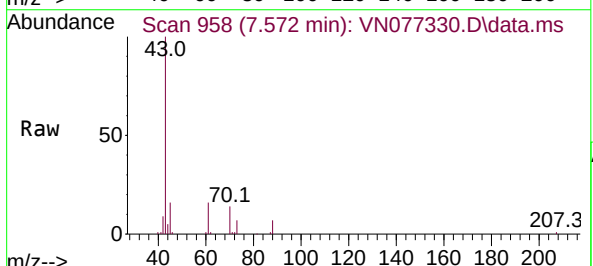
Tgt Ion: 43 Resp: 91082

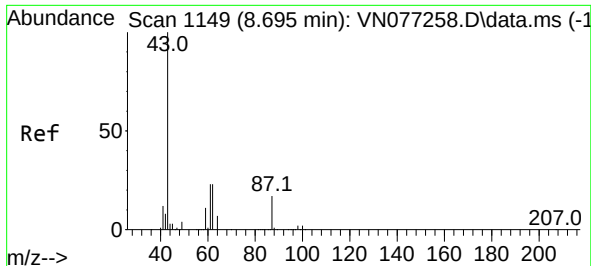
Ion Ratio Lower Upper

43 100

61 15.9 12.2 18.2

70 13.0 10.0 15.0

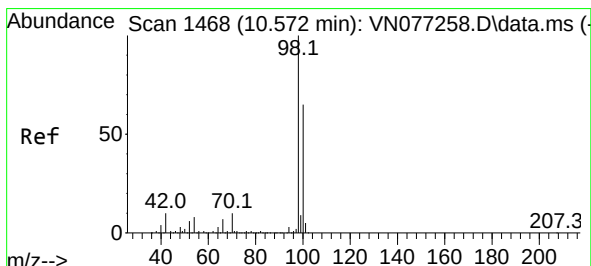
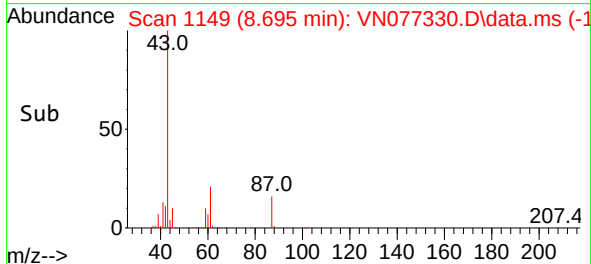
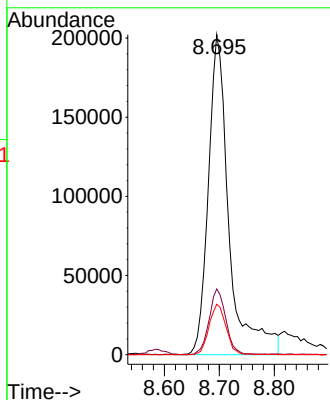
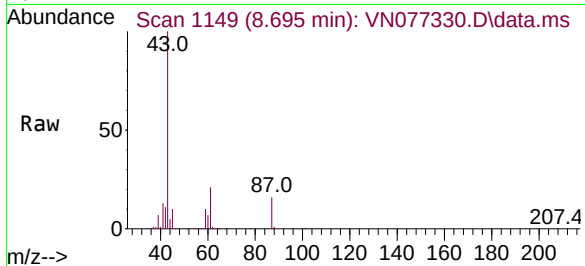




#43
Isopropyl Acetate
Concen: 31.276 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077330.D
Acq: 13 Apr 2023 15:50

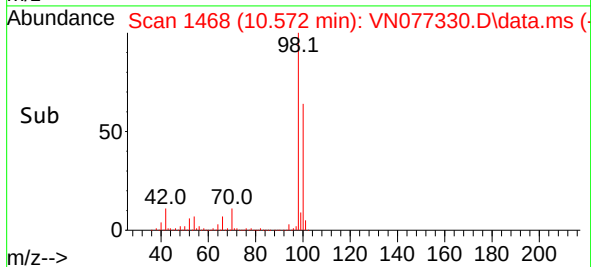
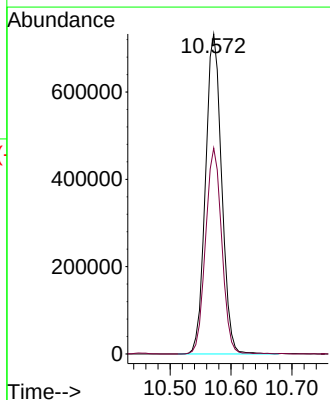
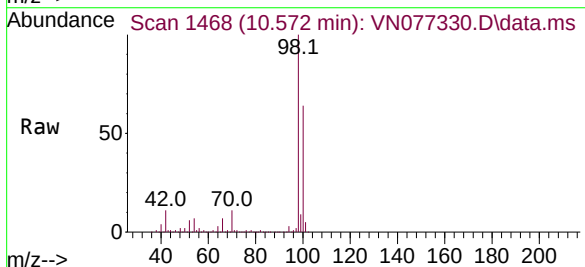
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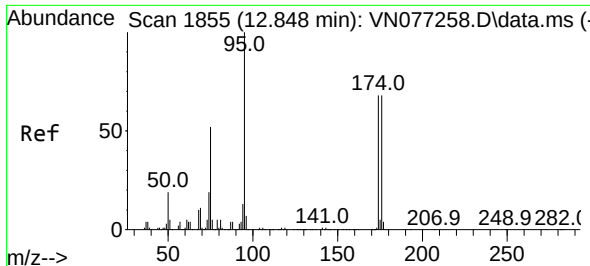
Tgt Ion: 43 Resp: 529116
Ion Ratio Lower Upper
43 100
61 16.7 22.7 34.1#
87 12.9 13.6 20.4#



#50
Toluene-d8
Concen: 48.430 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077330.D
Acq: 13 Apr 2023 15:50

Tgt Ion: 98 Resp: 1350803
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9

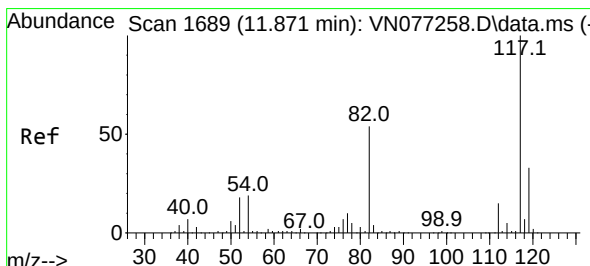
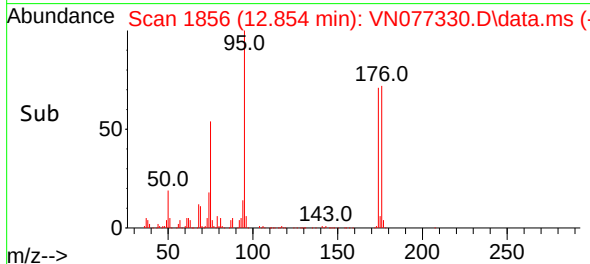
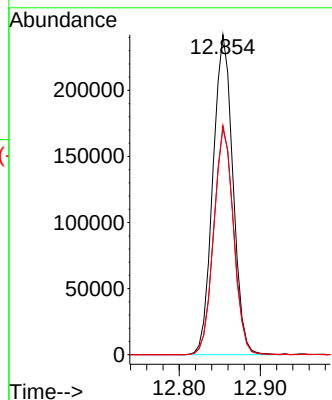
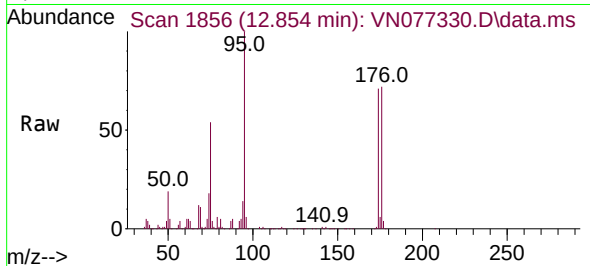




#62
4-Bromofluorobenzene
Concen: 44.548 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077330.D
Acq: 13 Apr 2023 15:50

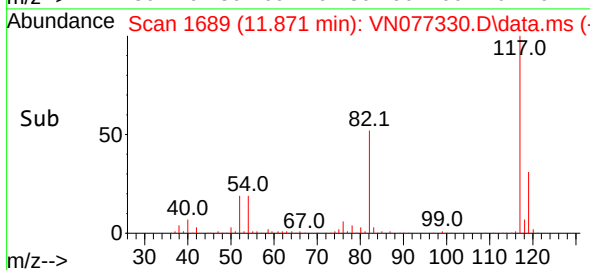
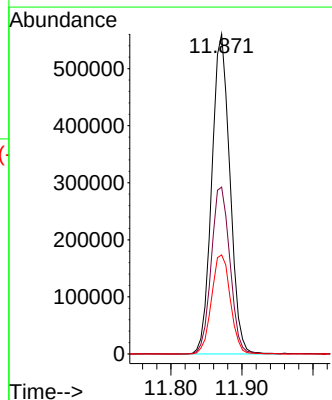
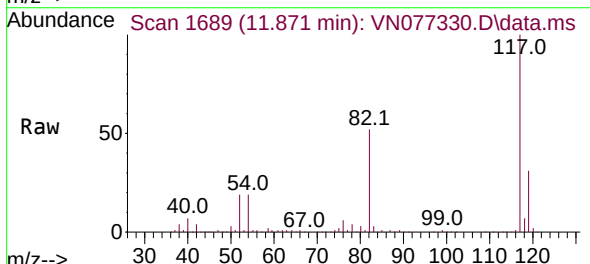
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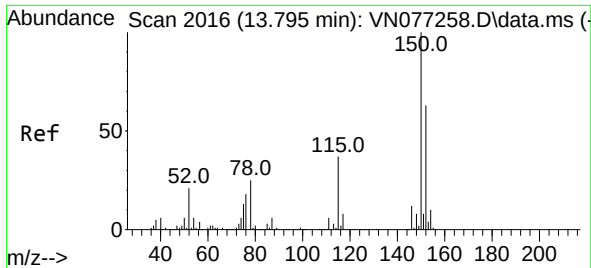
Tgt Ion: 95 Resp: 413244
Ion Ratio Lower Upper
95 100
174 70.8 0.0 146.8
176 70.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077330.D
Acq: 13 Apr 2023 15:50

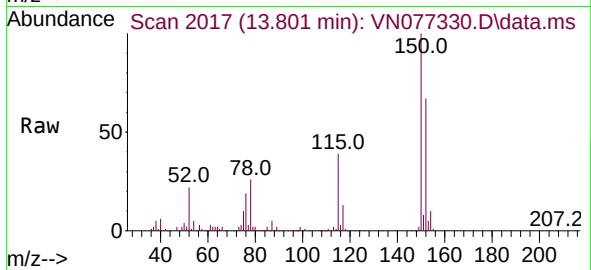
Tgt Ion: 117 Resp: 992947
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 31.0 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.801 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN077330.D
 Acq: 13 Apr 2023 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152070ZHE#02



Tgt Ion:152 Resp: 350131
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.1 96.3
 150 158.1 0.0 354.8

