

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077333.D
 Acq On : 13 Apr 2023 17:03
 Operator : JC\MD
 Sample : PB152070ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152070ZHE#05

Quant Time: Apr 14 07:25:13 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)

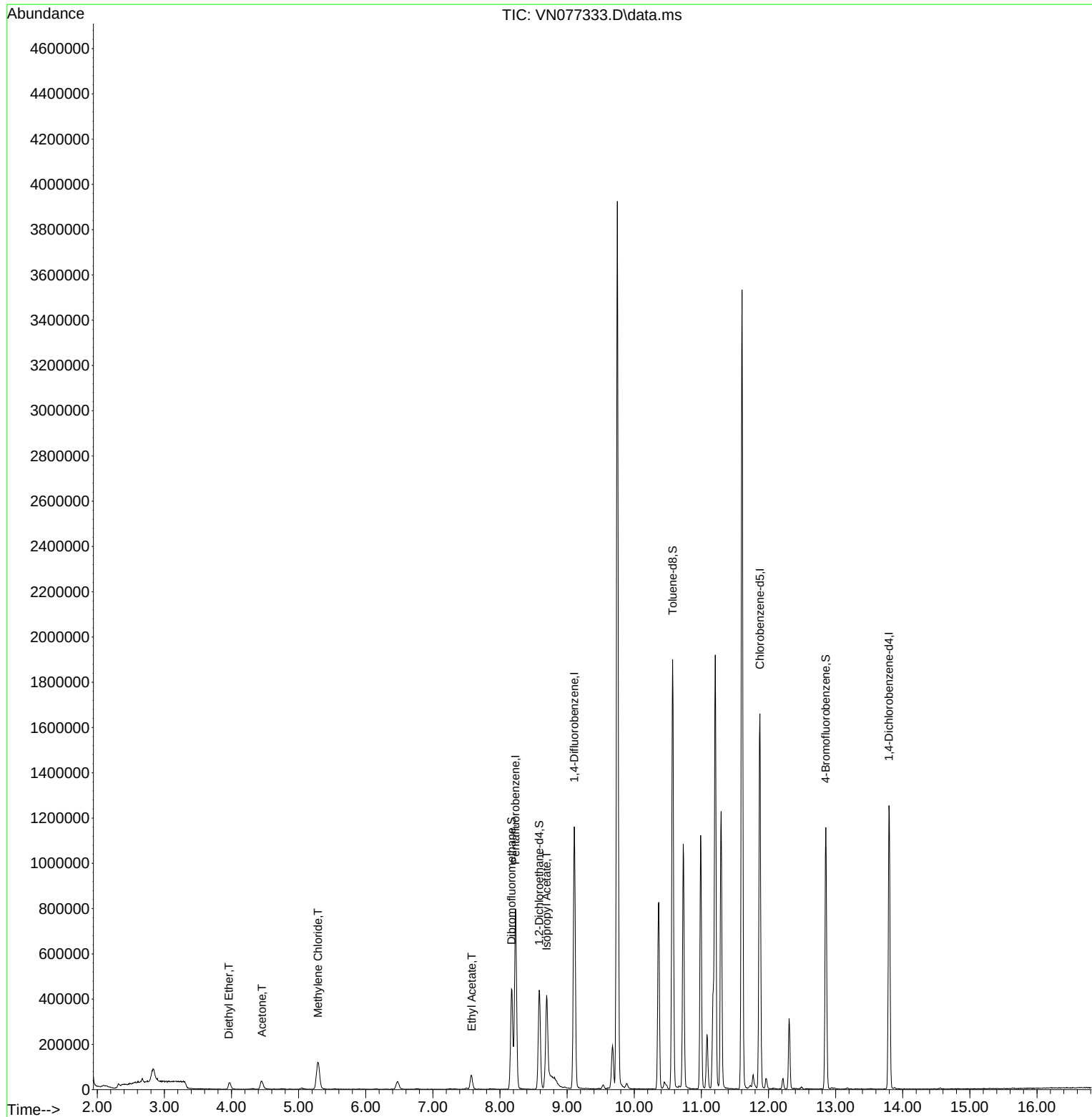
Internal Standards						
1) Pentafluorobenzene	8.231	168	556302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1069130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	981240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	341635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	342339	45.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.060%
35) Dibromofluoromethane	8.172	113	316340	46.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.440%
50) Toluene-d8	10.572	98	1333685	48.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.854	95	404539	44.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.960	74	20908	4.823	ug/l	99
16) Acetone	4.454	43	68470	24.425	ug/l	96
20) Methylene Chloride	5.290	84	111699	14.109	ug/l	96
37) Ethyl Acetate	7.578	43	92004	10.158	ug/l	97
43) Isopropyl Acetate	8.695	43	521266	31.191	ug/l #	83

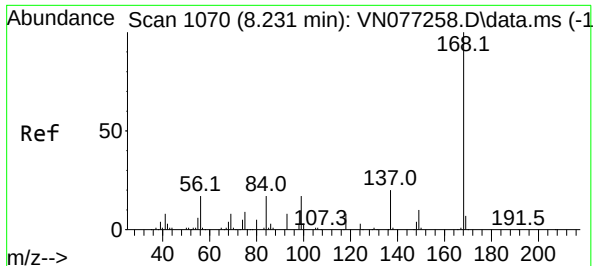
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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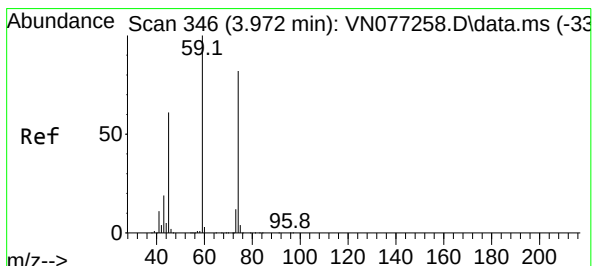
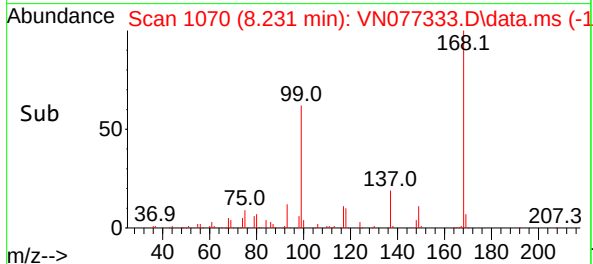
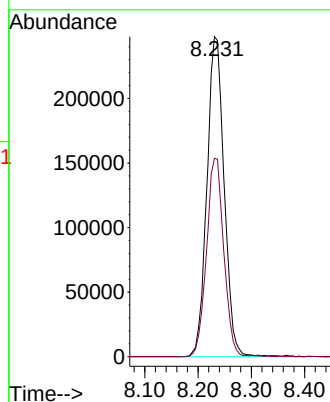
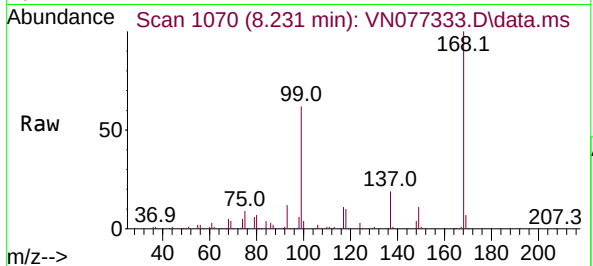




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077333.D
Acq: 13 Apr 2023 17:03

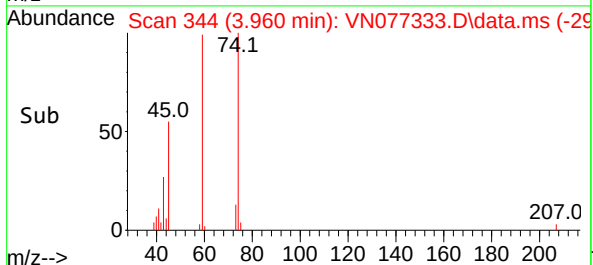
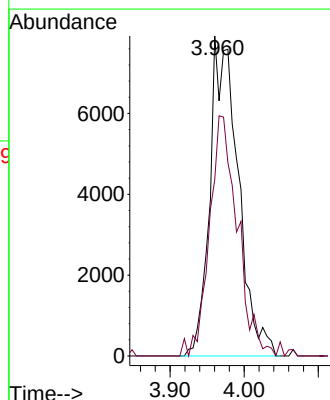
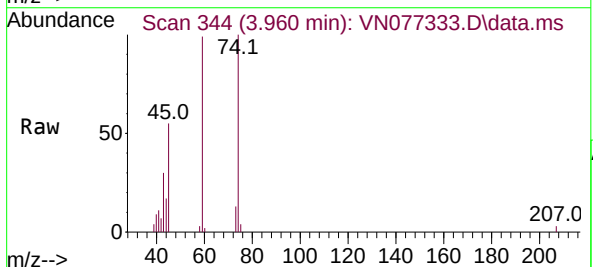
Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#05

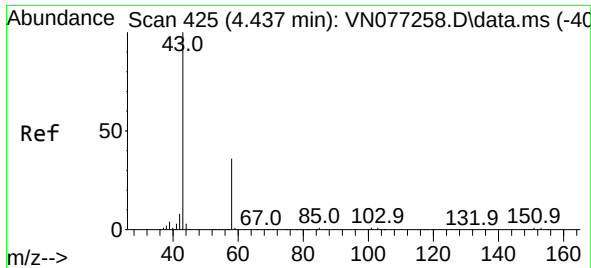
Tgt Ion:168 Resp: 556302
Ion Ratio Lower Upper
168 100
99 62.0 50.6 75.8



#8
Diethyl Ether
Concen: 4.823 ug/l
RT: 3.960 min Scan# 344
Delta R.T. -0.012 min
Lab File: VN077333.D
Acq: 13 Apr 2023 17:03

Tgt Ion: 74 Resp: 20908
Ion Ratio Lower Upper
74 100
45 74.4 37.8 113.4





#16

Acetone

Concen: 24.425 ug/l

RT: 4.454 min Scan# 41

Delta R.T. 0.017 min

Lab File: VN077333.D

Acq: 13 Apr 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

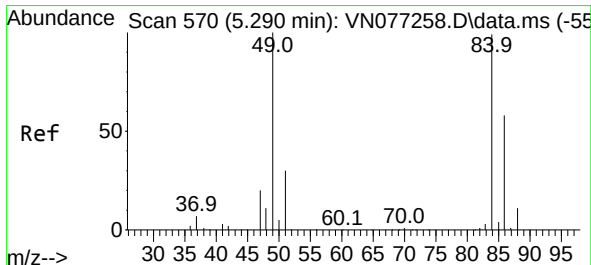
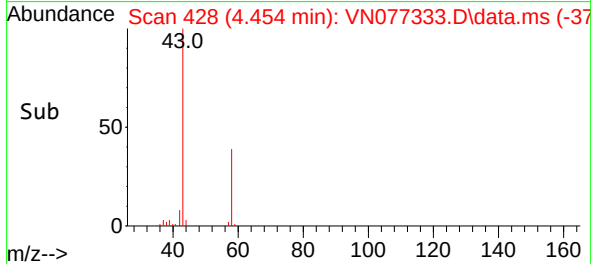
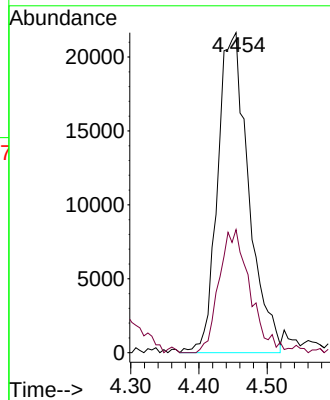
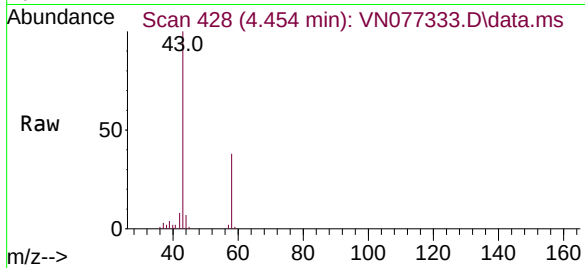
PB152070ZHE#05

Tgt Ion: 43 Resp: 68470

Ion Ratio Lower Upper

43 100

58 38.4 29.0 43.6



#20

Methylene Chloride

Concen: 14.109 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077333.D

Acq: 13 Apr 2023 17:03

Tgt Ion: 84 Resp: 111699

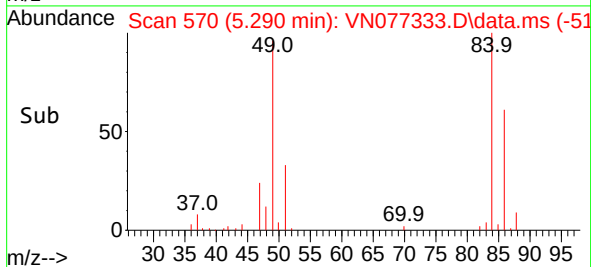
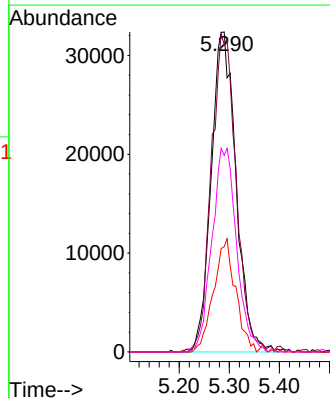
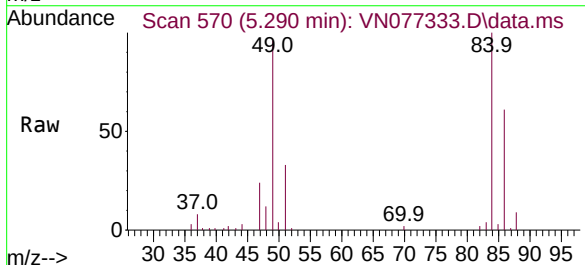
Ion Ratio Lower Upper

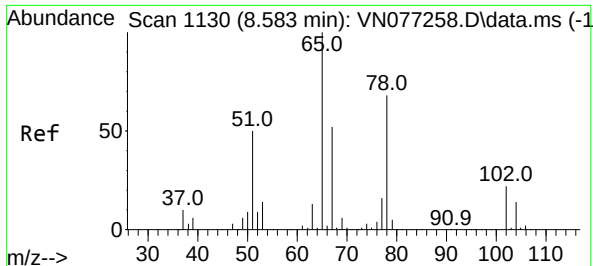
84 100

49 96.1 80.6 121.0

51 32.9 24.4 36.6

86 61.5 47.0 70.6





#33

1,2-Dichloroethane-d4

Concen: 45.026 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077333.D

Acq: 13 Apr 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

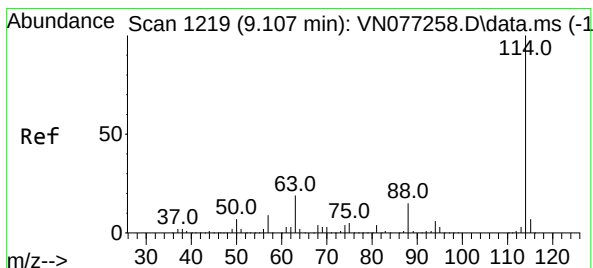
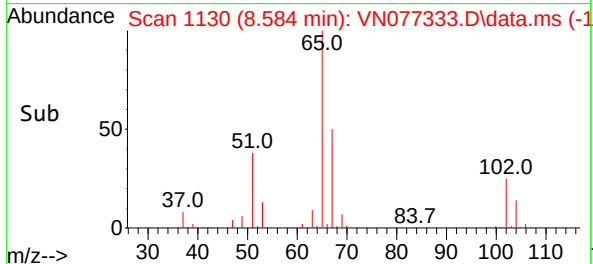
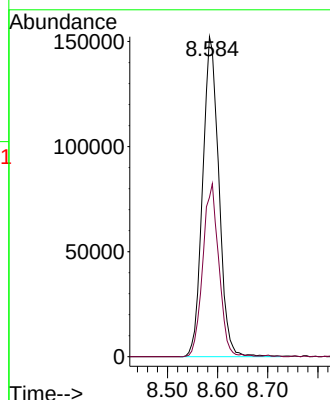
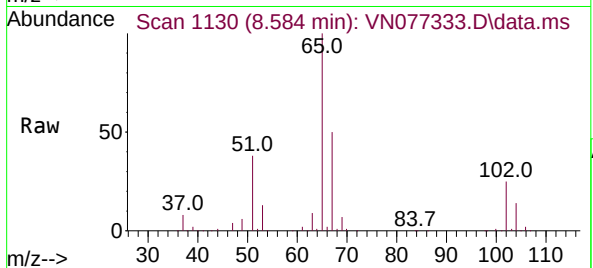
PB152070ZHE#05

Tgt Ion: 65 Resp: 342339

Ion Ratio Lower Upper

65 100

67 53.5 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: VN077333.D

Acq: 13 Apr 2023 17:03

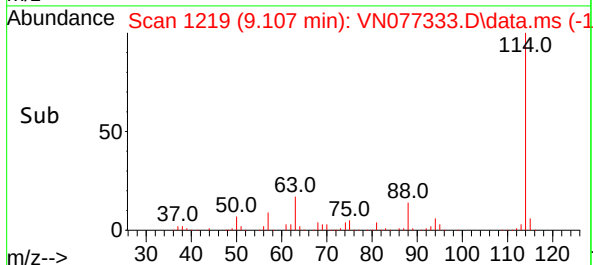
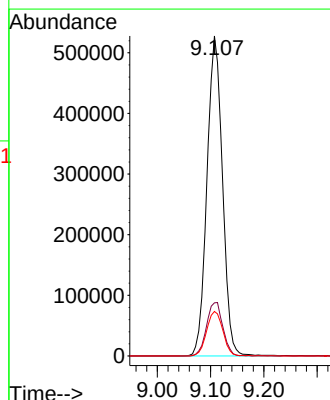
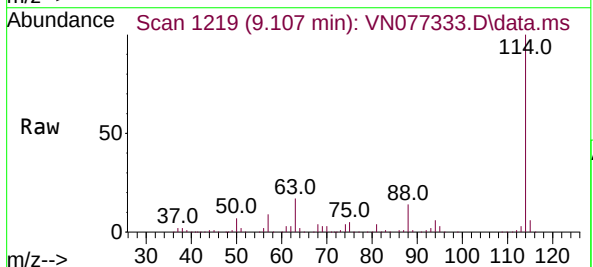
Tgt Ion: 114 Resp: 1069130

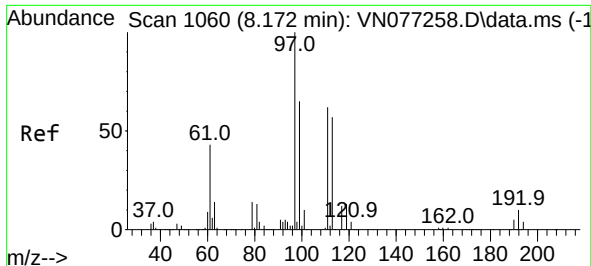
Ion Ratio Lower Upper

114 100

63 16.6 0.0 37.8

88 13.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.220 ug/l

RT: 8.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077333.D

Acq: 13 Apr 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB152070ZHE#05

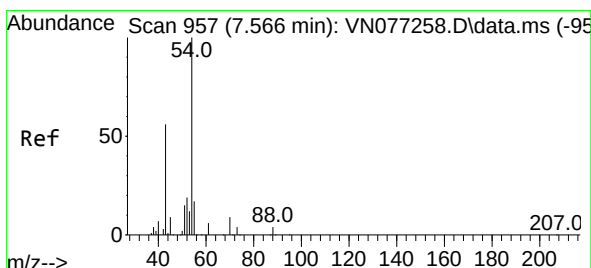
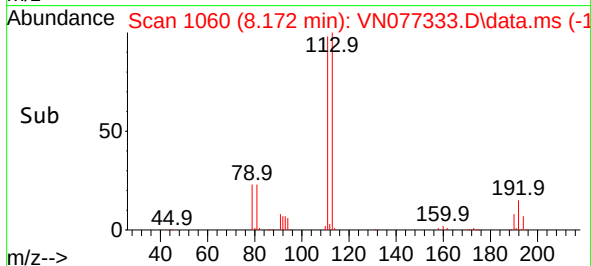
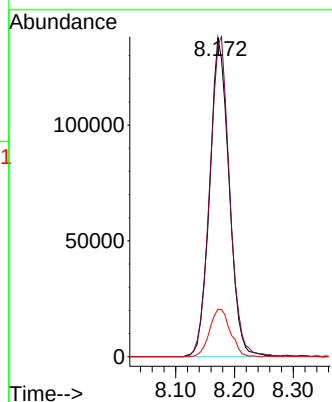
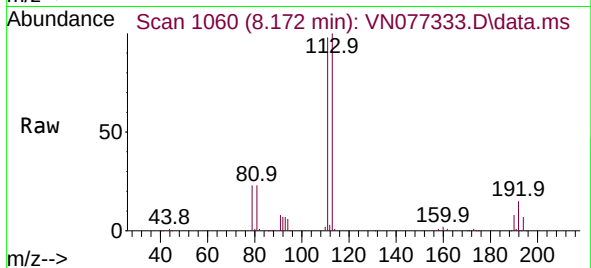
Tgt Ion:113 Resp: 316340

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.0

192 15.8 13.5 20.3



#37

Ethyl Acetate

Concen: 10.158 ug/l

RT: 7.578 min Scan# 959

Delta R.T. 0.012 min

Lab File: VN077333.D

Acq: 13 Apr 2023 17:03

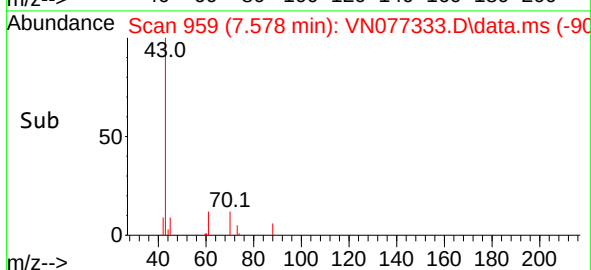
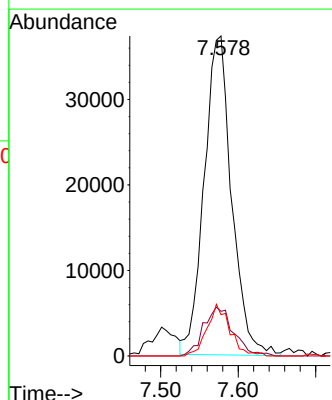
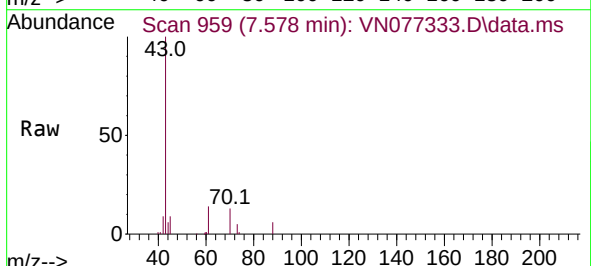
Tgt Ion: 43 Resp: 92004

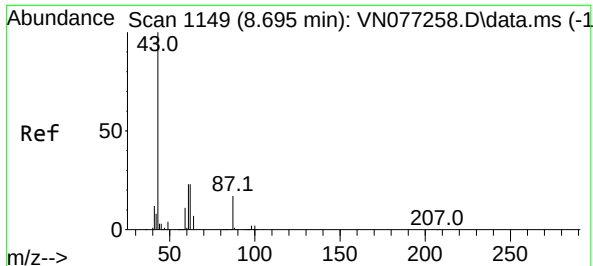
Ion Ratio Lower Upper

43 100

61 16.7 12.2 18.2

70 13.5 10.0 15.0





#43

Isopropyl Acetate

Concen: 31.191 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077333.D

Acq: 13 Apr 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB152070ZHE#05

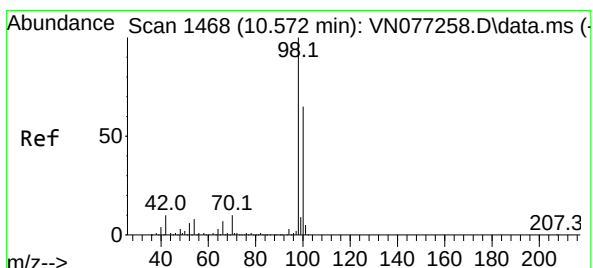
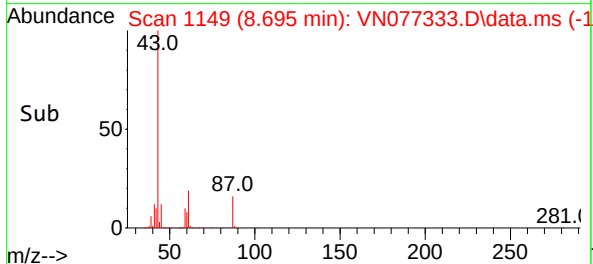
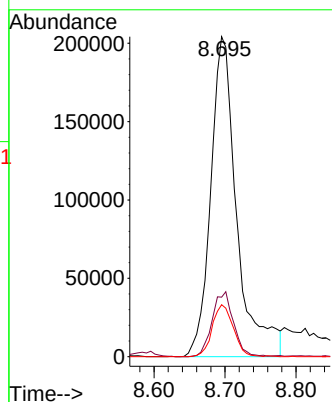
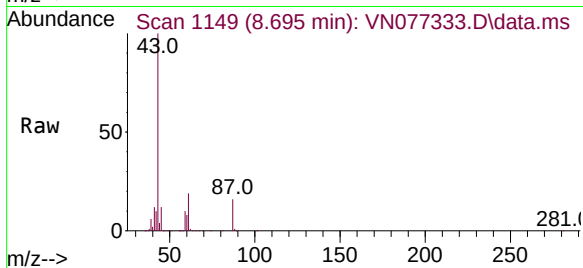
Tgt Ion: 43 Resp: 521266

Ion Ratio Lower Upper

43 100

61 16.7 22.7 34.1#

87 13.1 13.6 20.4#



#50

Toluene-d8

Concen: 48.405 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077333.D

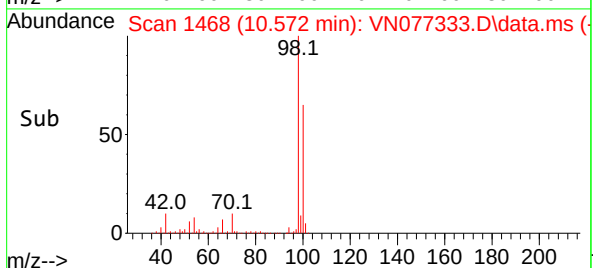
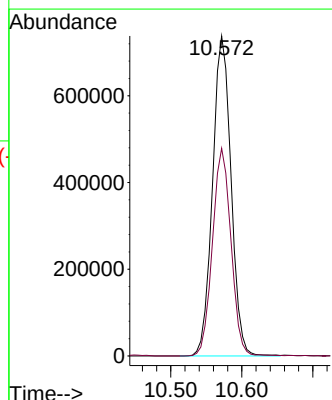
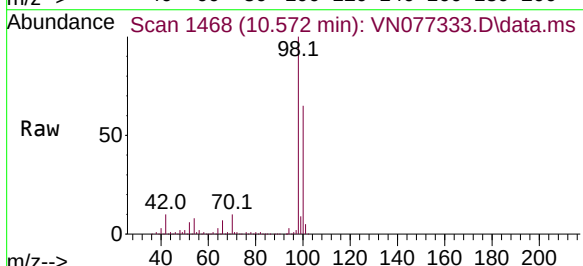
Acq: 13 Apr 2023 17:03

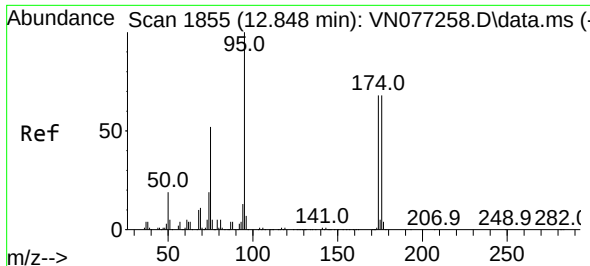
Tgt Ion: 98 Resp: 1333685

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9

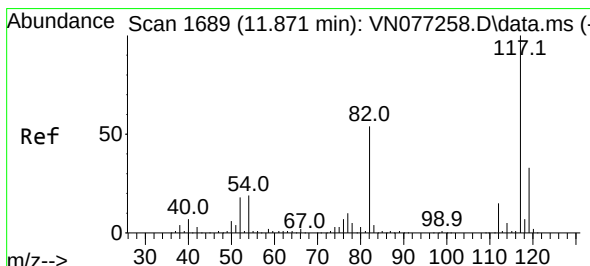
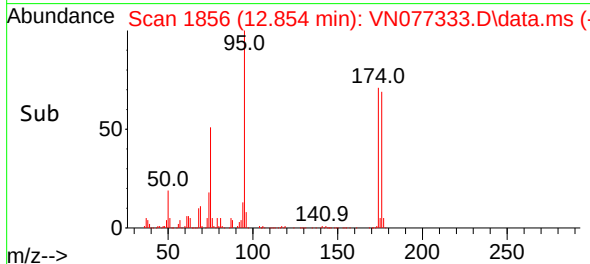
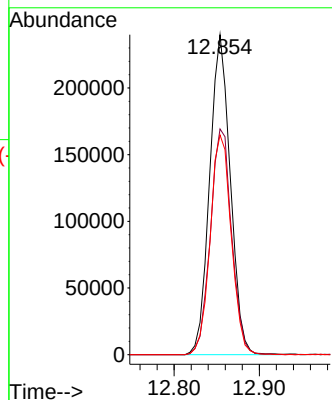
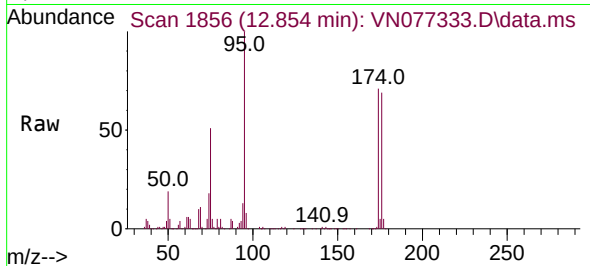




#62
4-Bromofluorobenzene
Concen: 44.146 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077333.D
Acq: 13 Apr 2023 17:03

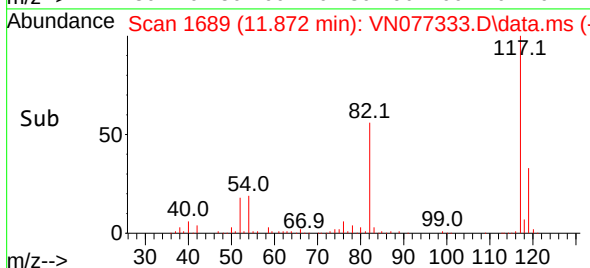
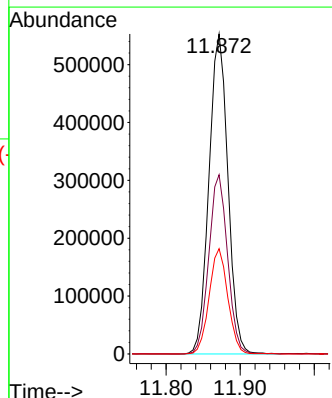
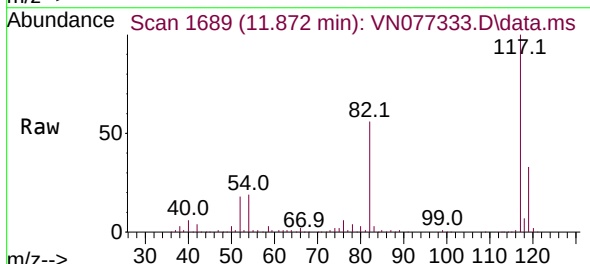
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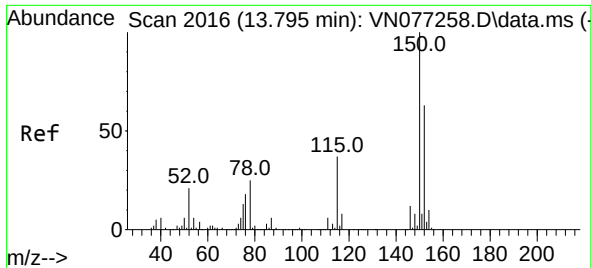
Tgt Ion: 95 Resp: 404539
Ion Ratio Lower Upper
95 100
174 72.7 0.0 146.8
176 70.1 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.001 min
Lab File: VN077333.D
Acq: 13 Apr 2023 17:03

Tgt Ion: 117 Resp: 981240
Ion Ratio Lower Upper
117 100
82 56.0 42.9 64.3
119 32.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN077333.D

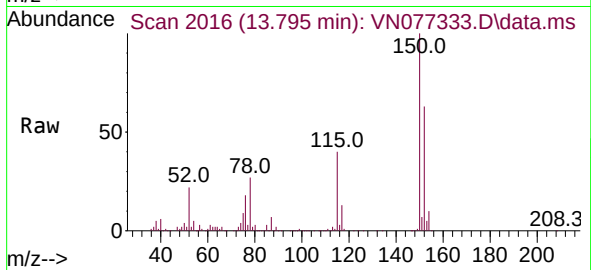
Acq: 13 Apr 2023 17:03

Instrument :

MSVOA_N

ClientSampleId :

PB152070ZHE#05



Tgt Ion:152 Resp: 341635

Ion Ratio Lower Upper

152 100

115 63.8 32.1 96.3

150 159.8 0.0 354.8

