

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077329.D
 Acq On : 13 Apr 2023 15:25
 Operator : JC\MD
 Sample : PB152070ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152070ZHE#01

Quant Time: Apr 14 07:24:35 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)

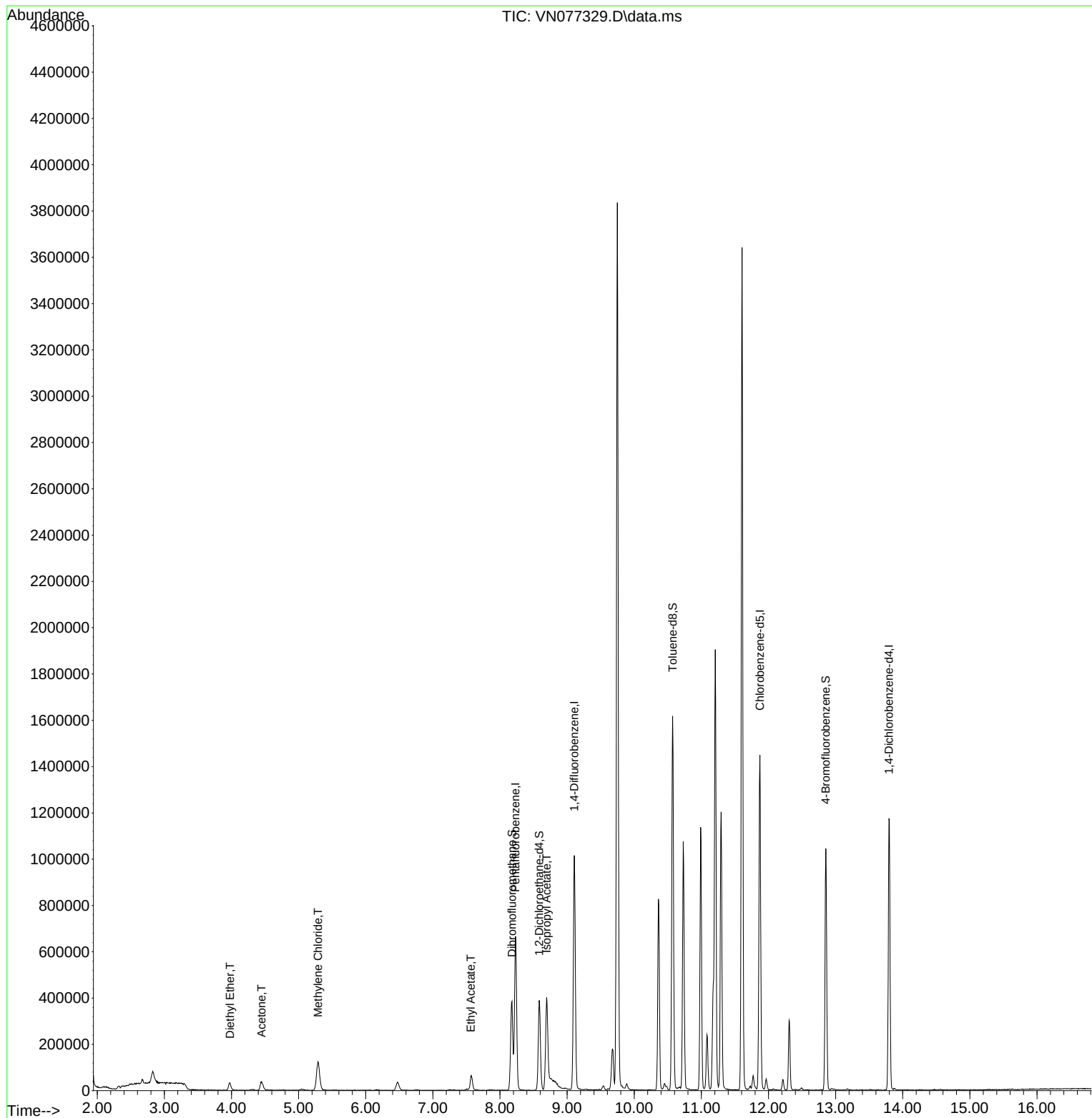
Internal Standards						
1) Pentafluorobenzene	8.230	168	472865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	924072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	872762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	323583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	299445	46.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.660%
35) Dibromofluoromethane	8.178	113	272009	45.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	10.571	98	1150610	48.316	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.854	95	371262	46.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.740%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.978	74	23121	6.275	ug/l	93
16) Acetone	4.448	43	69118	29.006	ug/l	97
20) Methylene Chloride	5.289	84	108307	16.094	ug/l	94
37) Ethyl Acetate	7.566	43	90190	11.521	ug/l	97
43) Isopropyl Acetate	8.695	43	516593	35.764	ug/l #	83

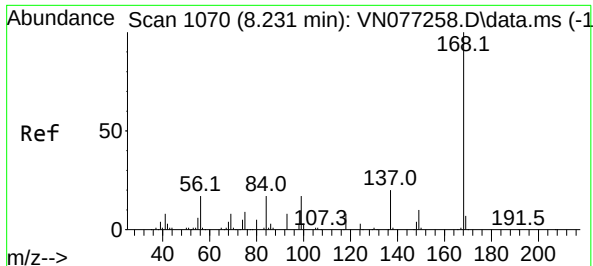
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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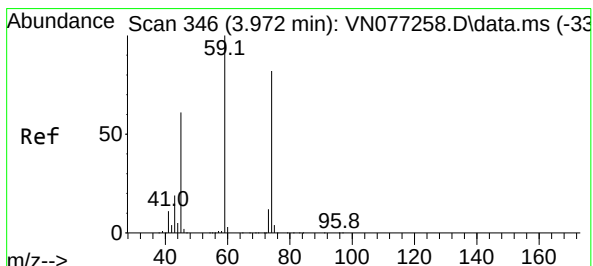
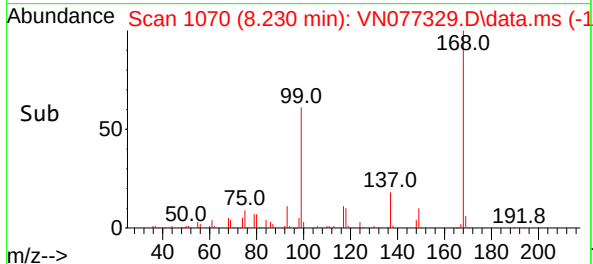
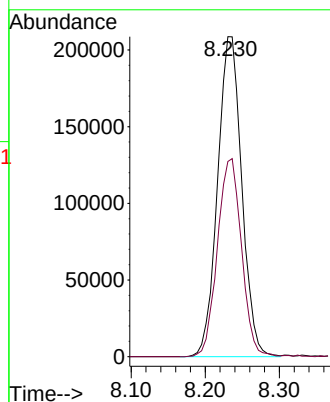
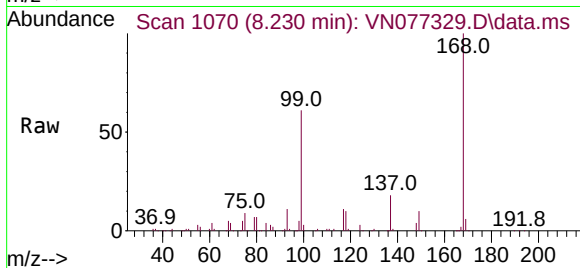




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077329.D
Acq: 13 Apr 2023 15:25

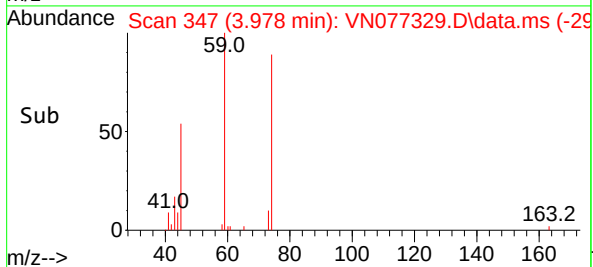
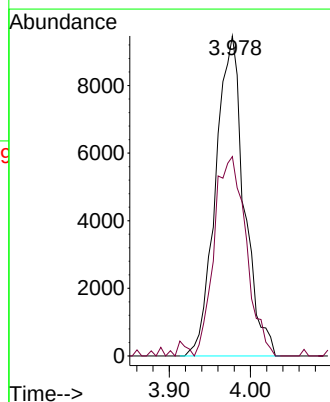
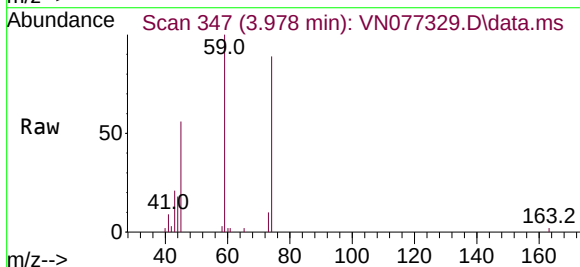
Instrument :
MSVOA_N
ClientSampleId :
PB152070ZHE#01

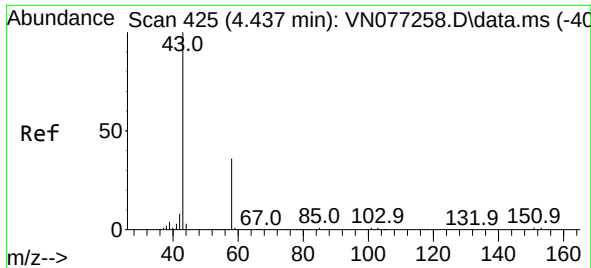
Tgt Ion:168 Resp: 472865
Ion Ratio Lower Upper
168 100
99 61.0 50.6 75.8



#8
Diethyl Ether
Concen: 6.275 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077329.D
Acq: 13 Apr 2023 15:25

Tgt Ion: 74 Resp: 23121
Ion Ratio Lower Upper
74 100
45 69.6 37.8 113.4





#16

Acetone

Concen: 29.006 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN077329.D

Acq: 13 Apr 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

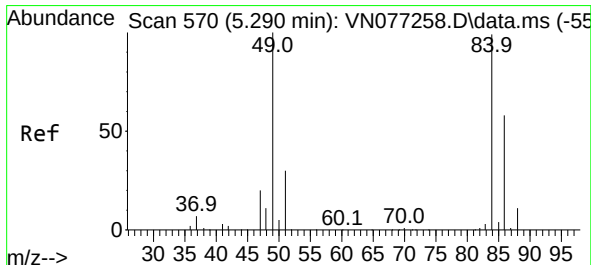
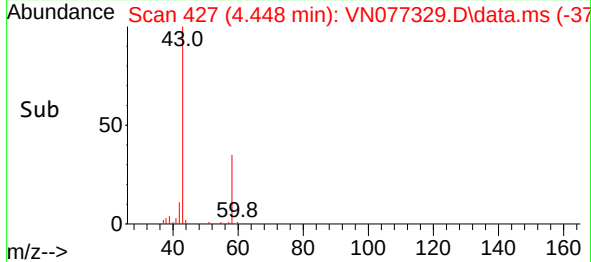
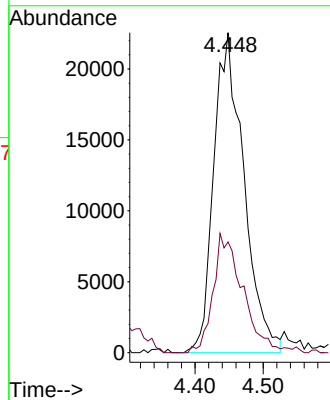
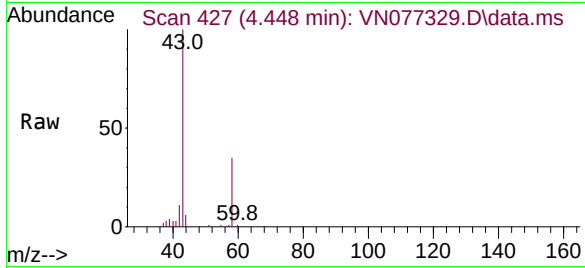
PB152070ZHE#01

Tgt Ion: 43 Resp: 69118

Ion Ratio Lower Upper

43 100

58 34.6 29.0 43.6



#20

Methylene Chloride

Concen: 16.094 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.001 min

Lab File: VN077329.D

Acq: 13 Apr 2023 15:25

Tgt Ion: 84 Resp: 108307

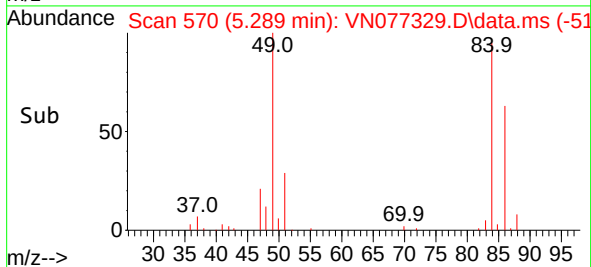
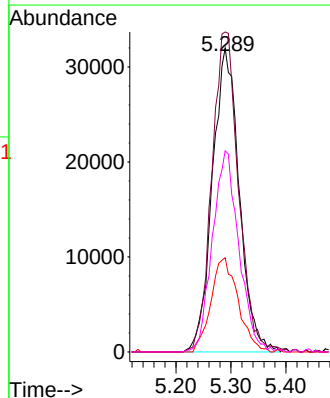
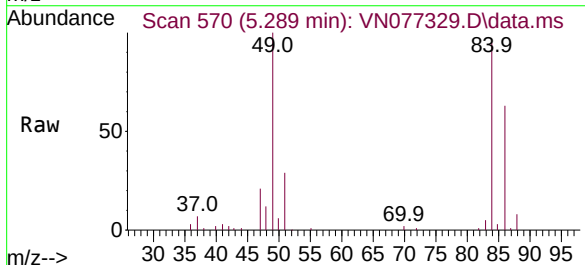
Ion Ratio Lower Upper

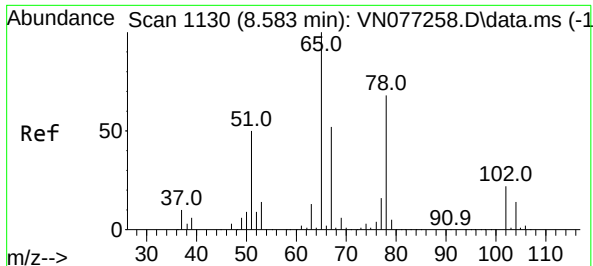
84 100

49 105.3 80.6 121.0

51 31.0 24.4 36.6

86 66.2 47.0 70.6





#33

1,2-Dichloroethane-d4

Concen: 46.333 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077329.D

Acq: 13 Apr 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

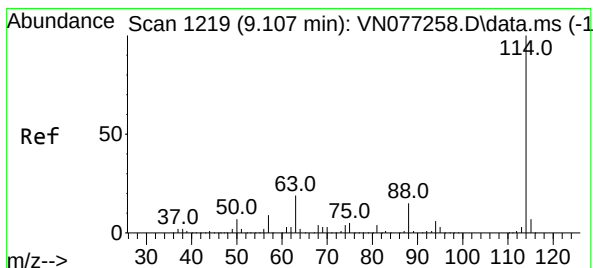
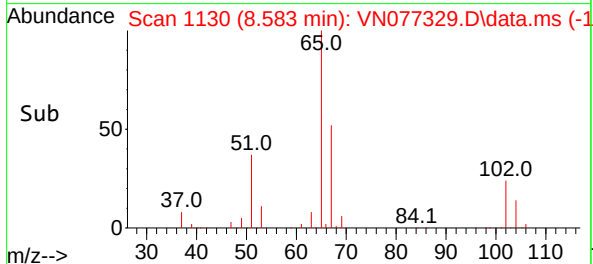
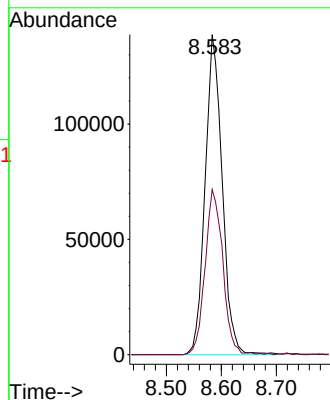
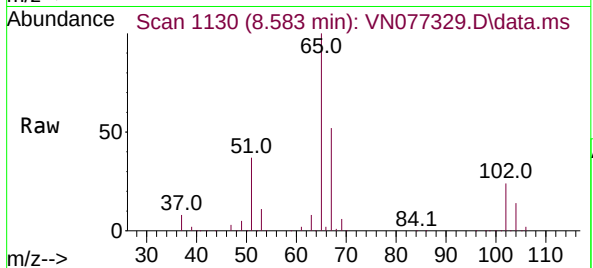
PB152070ZHE#01

Tgt Ion: 65 Resp: 299445

Ion Ratio Lower Upper

65 100

67 53.6 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: VN077329.D

Acq: 13 Apr 2023 15:25

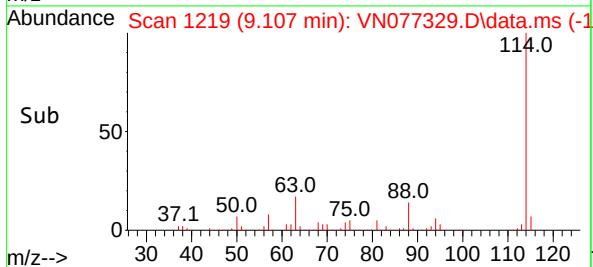
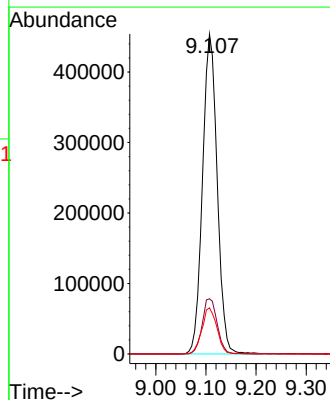
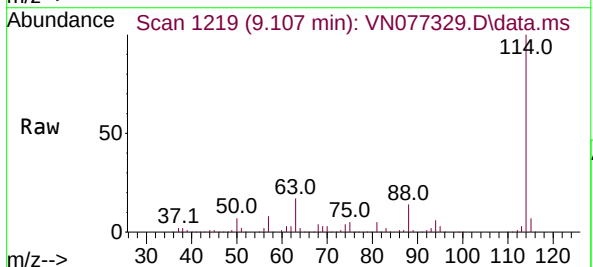
Tgt Ion: 114 Resp: 924072

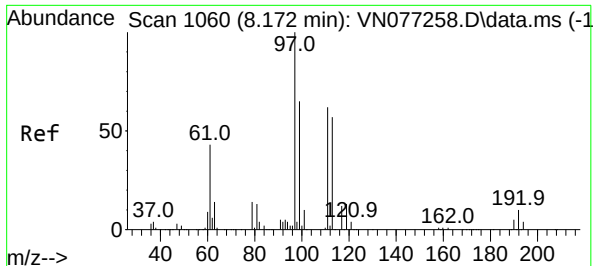
Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.8

88 14.4 0.0 29.4

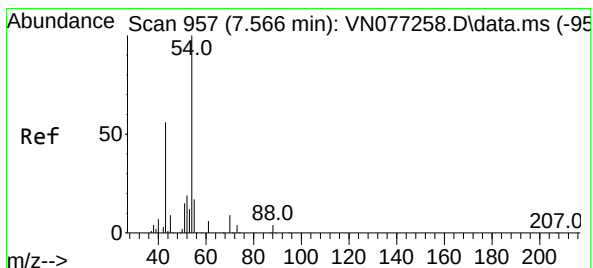
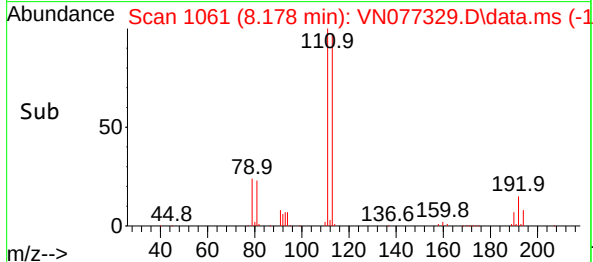
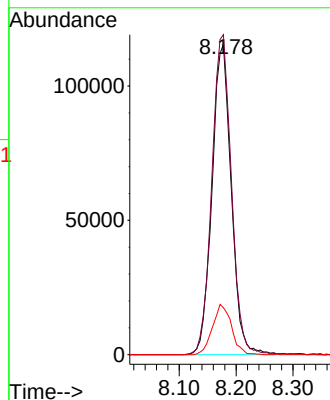
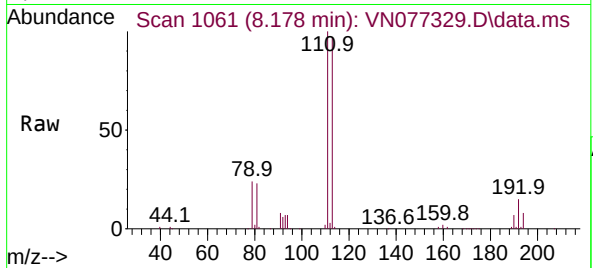




#35
Dibromofluoromethane
Concen: 45.981 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN077329.D
Acq: 13 Apr 2023 15:25

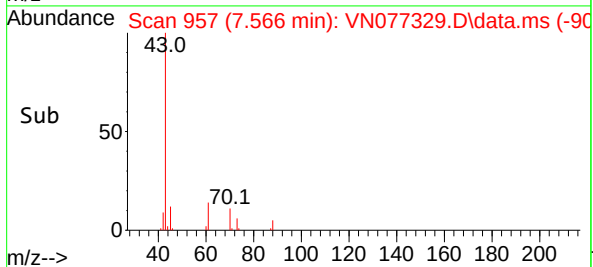
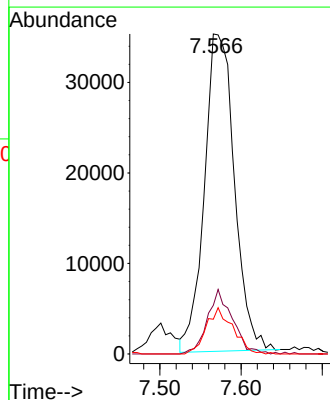
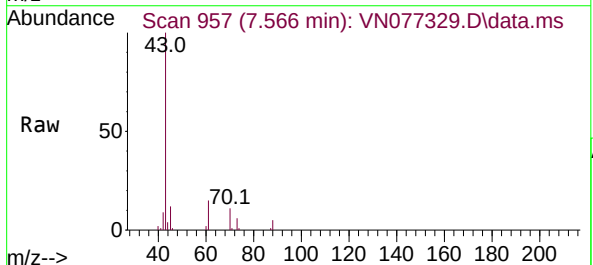
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PB152070ZHE#01

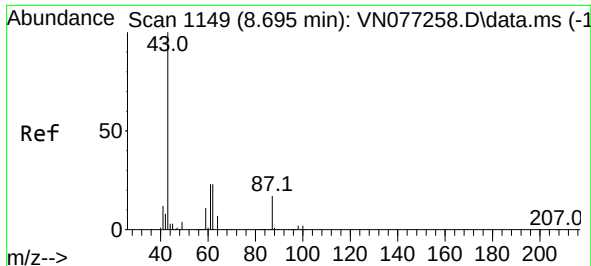
Tgt Ion:113 Resp: 272009
Ion Ratio Lower Upper
113 100
111 105.0 83.4 125.0
192 16.0 13.5 20.3



#37
Ethyl Acetate
Concen: 11.521 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077329.D
Acq: 13 Apr 2023 15:25

Tgt Ion: 43 Resp: 90190
Ion Ratio Lower Upper
43 100
61 16.9 12.2 18.2
70 13.0 10.0 15.0





#43

Isopropyl Acetate

Concen: 35.764 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077329.D

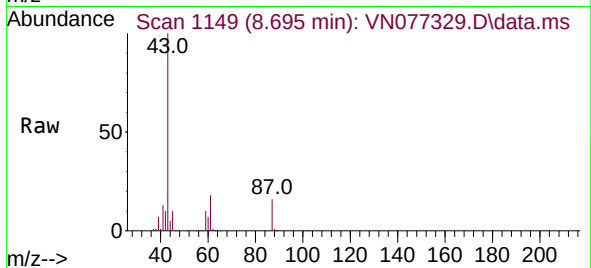
Acq: 13 Apr 2023 15:25

Instrument :

MSVOA_N

ClientSampleId :

PB152070ZHE#01



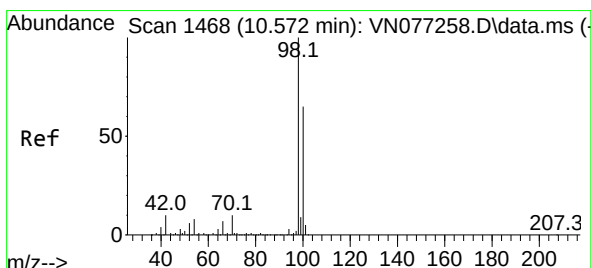
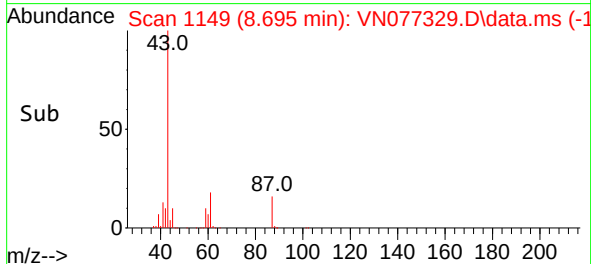
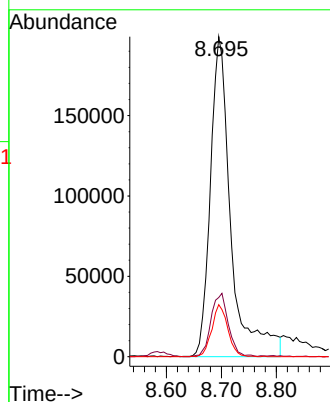
Tgt Ion: 43 Resp: 516593

Ion Ratio Lower Upper

43 100

61 16.8 22.7 34.1#

87 12.6 13.6 20.4#



#50

Toluene-d8

Concen: 48.316 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VN077329.D

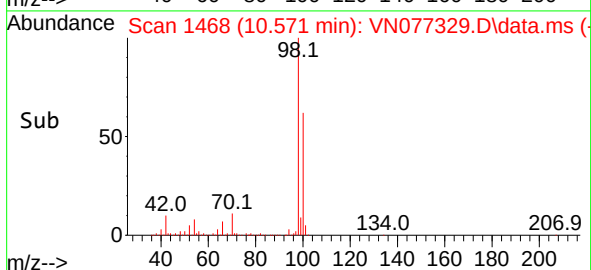
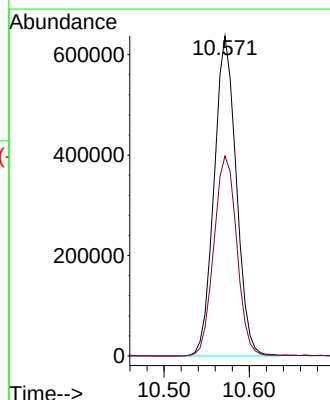
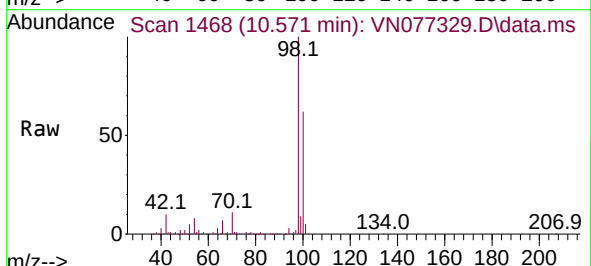
Acq: 13 Apr 2023 15:25

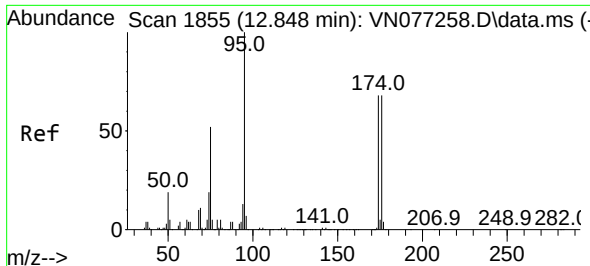
Tgt Ion: 98 Resp: 1150610

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9

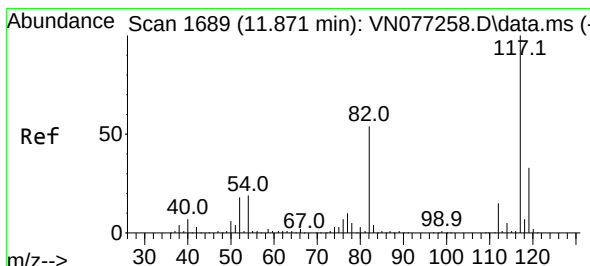
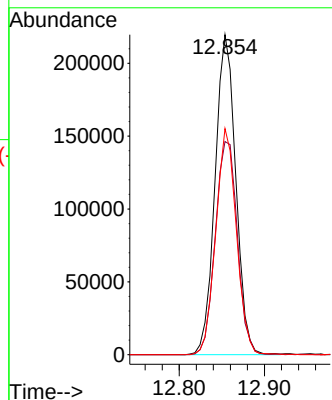
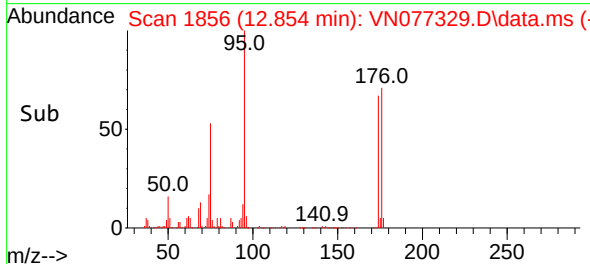
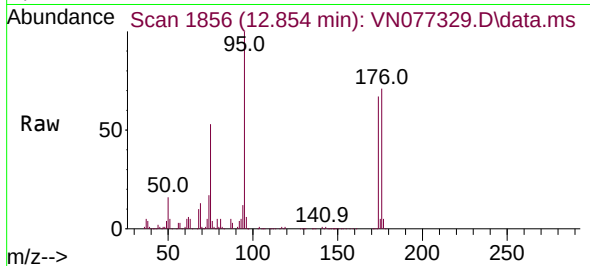




#62
4-Bromofluorobenzene
Concen: 46.875 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077329.D
Acq: 13 Apr 2023 15:25

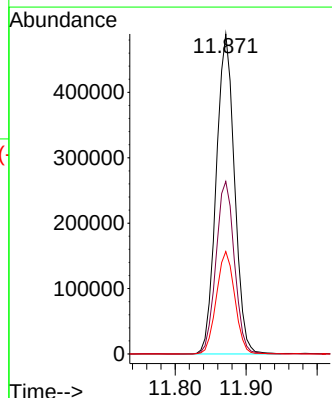
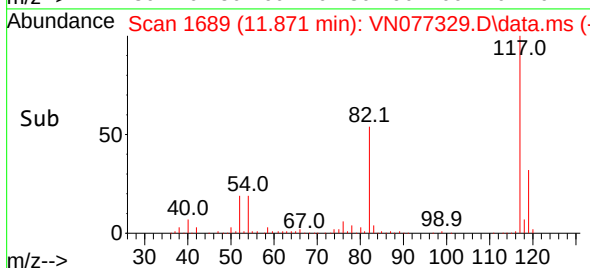
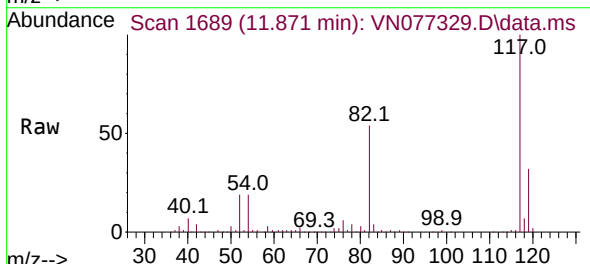
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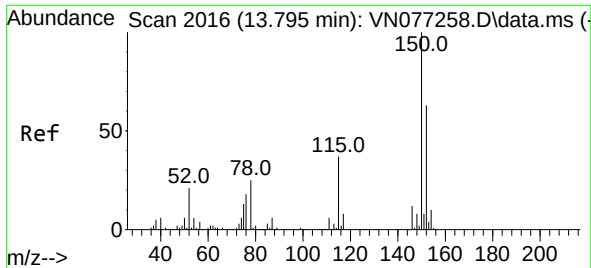
Tgt Ion: 95 Resp: 371262
Ion Ratio Lower Upper
95 100
174 71.0 0.0 146.8
176 70.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN077329.D
Acq: 13 Apr 2023 15:25

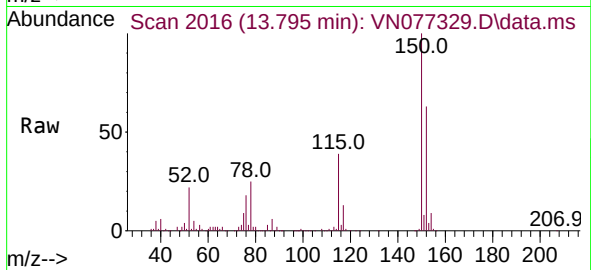
Tgt Ion: 117 Resp: 872762
Ion Ratio Lower Upper
117 100
82 53.9 42.9 64.3
119 32.0 26.2 39.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077329.D
 Acq: 13 Apr 2023 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152070ZHE#01



Tgt Ion:152 Resp: 323583
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.1 96.3
 150 156.6 0.0 354.8

