

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077301.D
 Acq On : 11 Apr 2023 13:47
 Operator : JC\MD
 Sample : 02262-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-1-040723

Quant Time: Apr 12 04:41:22 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)

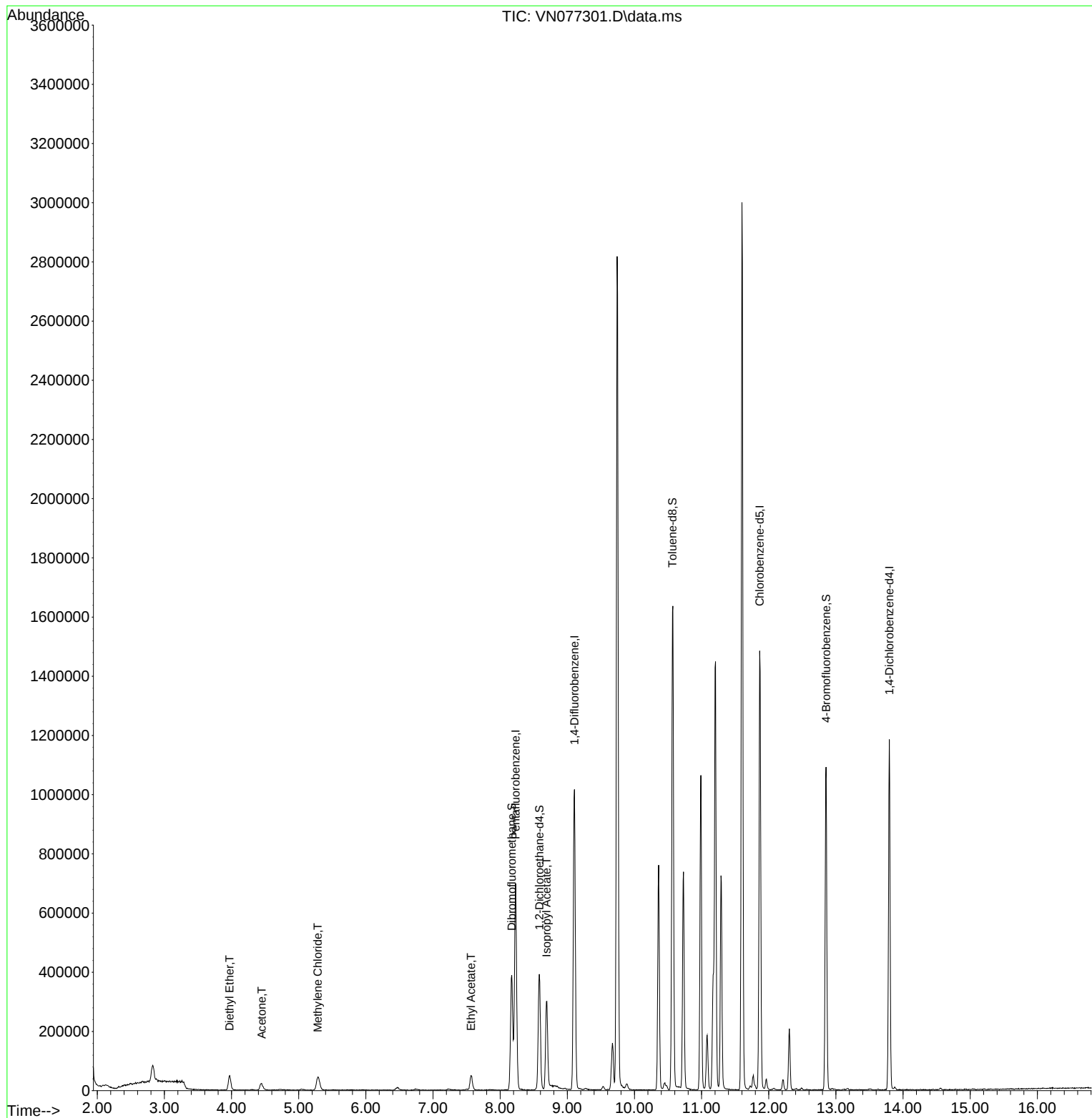
Internal Standards						
1) Pentafluorobenzene	8.231	168	489472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	935170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	884307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	312645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	311516	46.566	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.140%		
35) Dibromofluoromethane	8.172	113	278931	46.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.180%		
50) Toluene-d8	10.566	98	1193602	49.526	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.854	95	392134	48.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.840%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.972	74	33162	8.695	ug/l	98
16) Acetone	4.449	43	43015	17.439	ug/l	91
20) Methylene Chloride	5.284	84	40877	5.868	ug/l	93
37) Ethyl Acetate	7.566	43	75224	9.496	ug/l	97
43) Isopropyl Acetate	8.689	43	348552	23.844	ug/l #	92

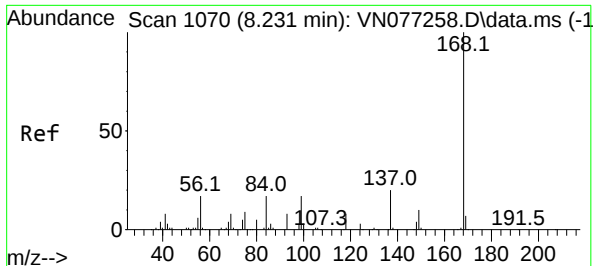
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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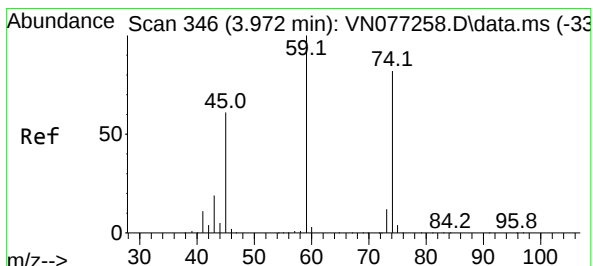
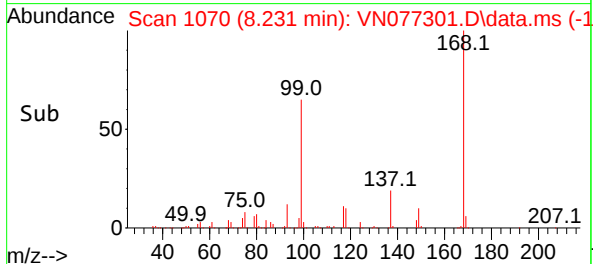
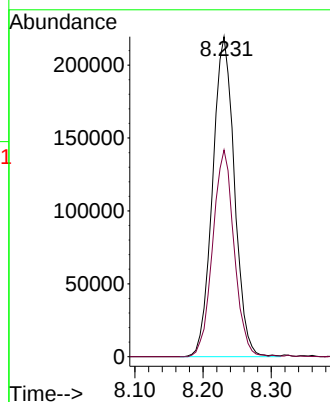
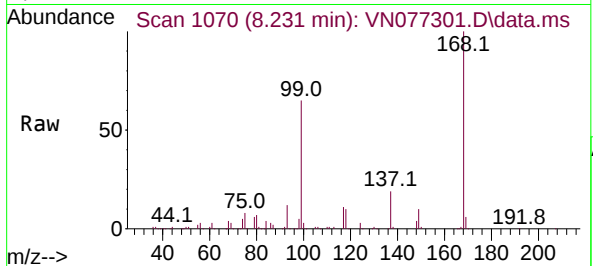




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077301.D
Acq: 11 Apr 2023 13:47

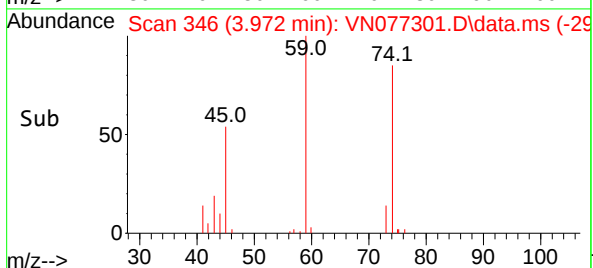
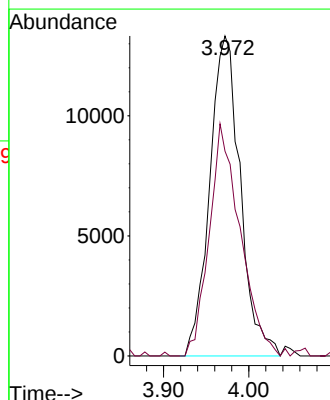
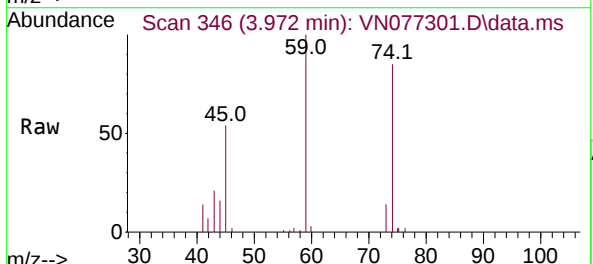
Instrument :
MSVOA_N
ClientSampleId :
JPP-1-040723

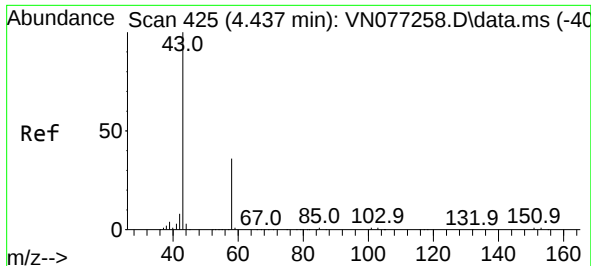
Tgt Ion:168 Resp: 489472
Ion Ratio Lower Upper
168 100
99 64.6 50.6 75.8



#8
Diethyl Ether
Concen: 8.695 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077301.D
Acq: 11 Apr 2023 13:47

Tgt Ion: 74 Resp: 33162
Ion Ratio Lower Upper
74 100
45 73.5 37.8 113.4

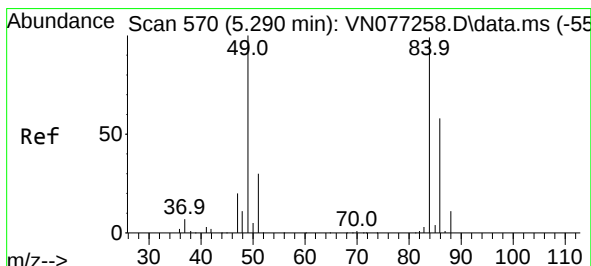
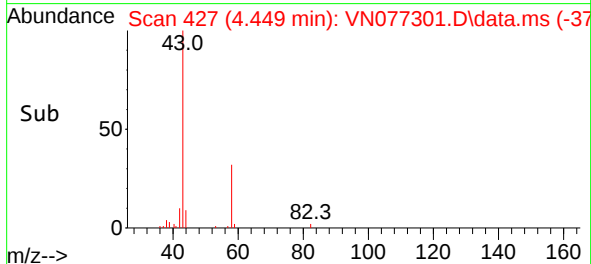
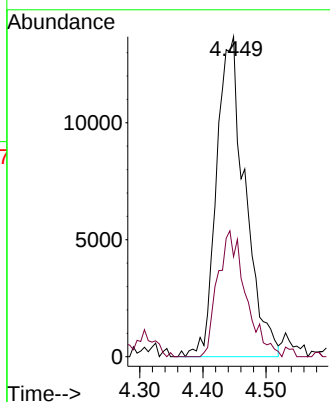
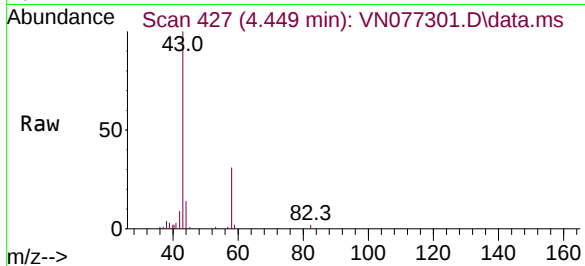




#16
Acetone
Concen: 17.439 ug/l
RT: 4.449 min Scan# 431
Delta R.T. 0.012 min
Lab File: VN077301.D
Acq: 11 Apr 2023 13:47

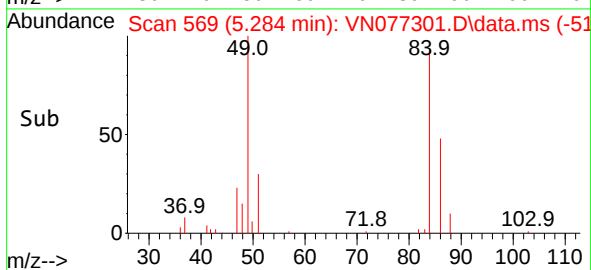
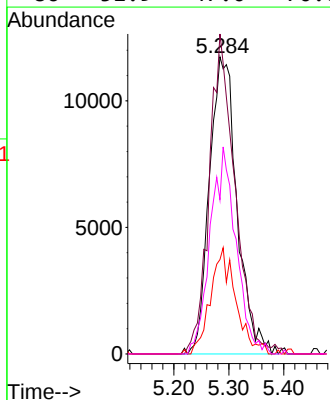
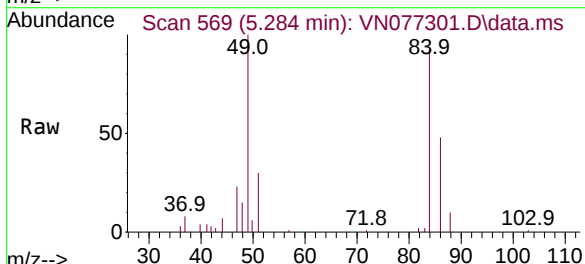
Instrument :
MSVOA_N
ClientSampleId :
JPP-1-040723

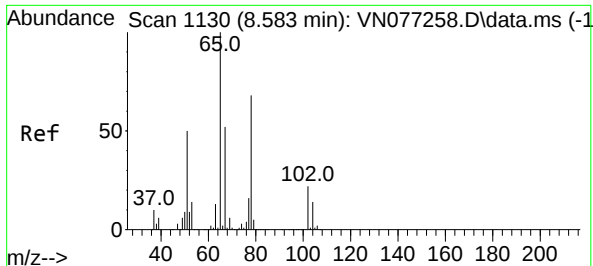
Tgt Ion: 43 Resp: 43015
Ion Ratio Lower Upper
43 100
58 31.3 29.0 43.6



#20
Methylene Chloride
Concen: 5.868 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077301.D
Acq: 11 Apr 2023 13:47

Tgt Ion: 84 Resp: 40877
Ion Ratio Lower Upper
84 100
49 107.7 80.6 121.0
51 31.8 24.4 36.6
86 51.9 47.0 70.6





#33

1,2-Dichloroethane-d4

Concen: 46.566 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077301.D

Acq: 11 Apr 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

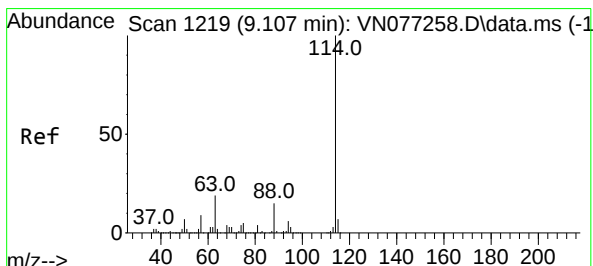
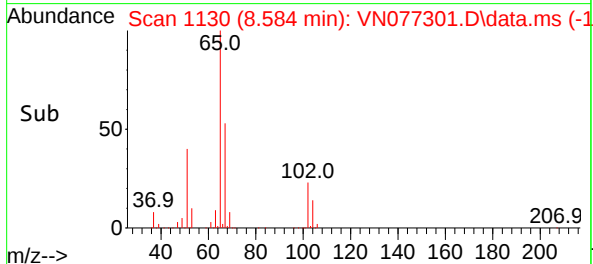
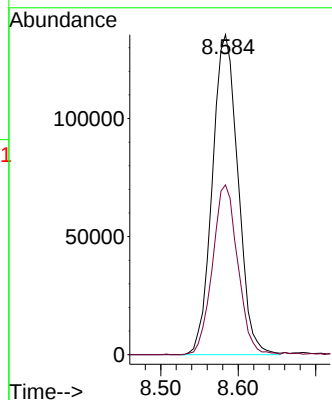
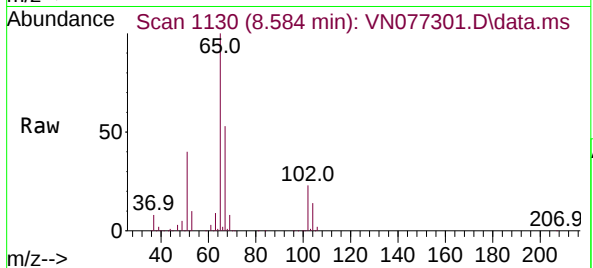
JPP-1-040723

Tgt Ion: 65 Resp: 311516

Ion Ratio Lower Upper

65 100

67 52.3 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: VN077301.D

Acq: 11 Apr 2023 13:47

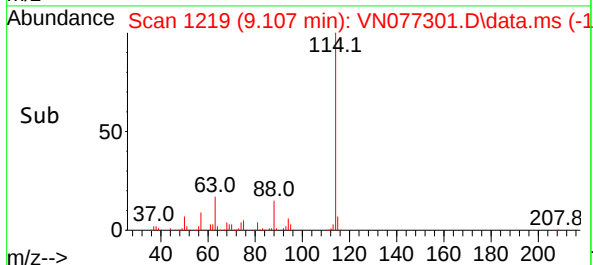
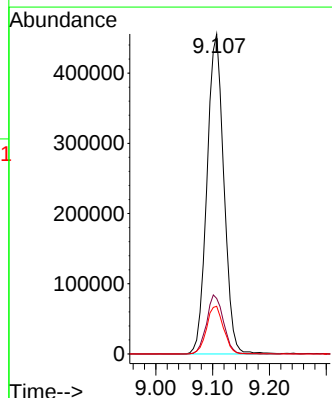
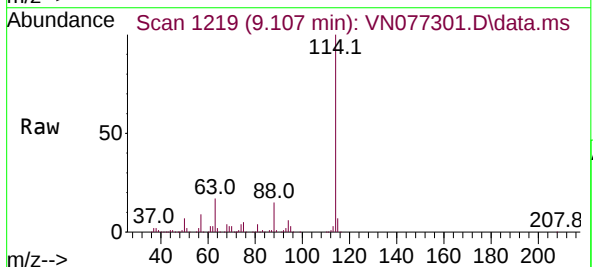
Tgt Ion: 114 Resp: 935170

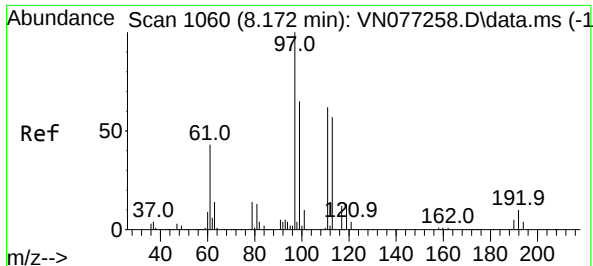
Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.8

88 14.9 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.592 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077301.D

Acq: 11 Apr 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

JPP-1-040723

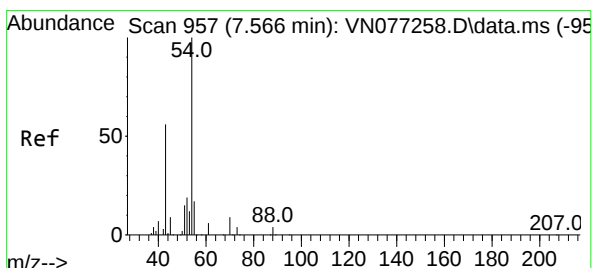
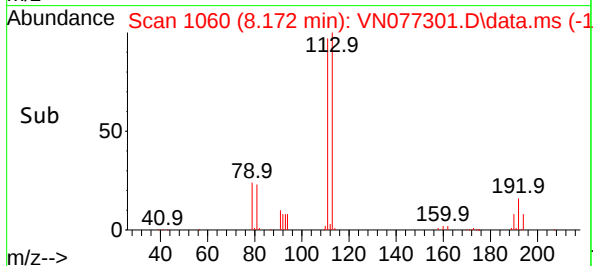
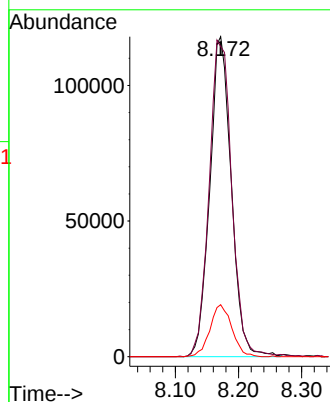
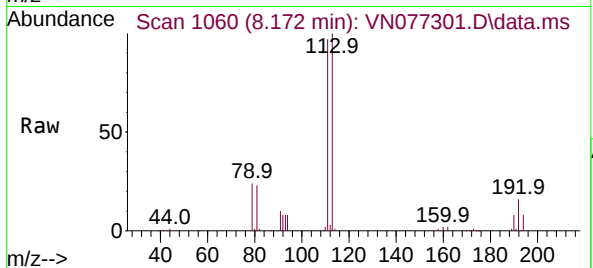
Tgt Ion:113 Resp: 278931

Ion Ratio Lower Upper

113 100

111 104.5 83.4 125.0

192 16.6 13.5 20.3



#37

Ethyl Acetate

Concen: 9.496 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077301.D

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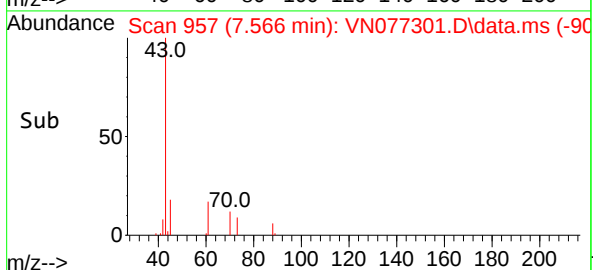
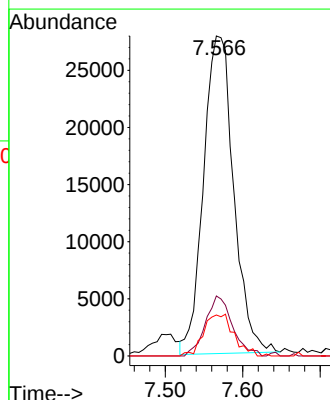
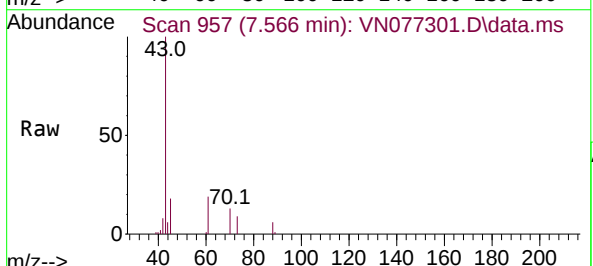
Tgt Ion: 43 Resp: 75224

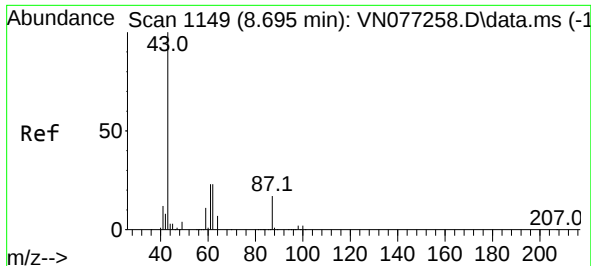
Ion Ratio Lower Upper

43 100

61 16.9 12.2 18.2

70 13.1 10.0 15.0

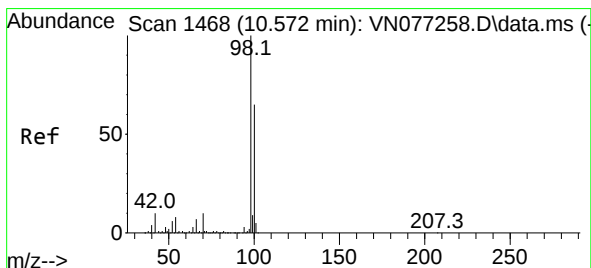
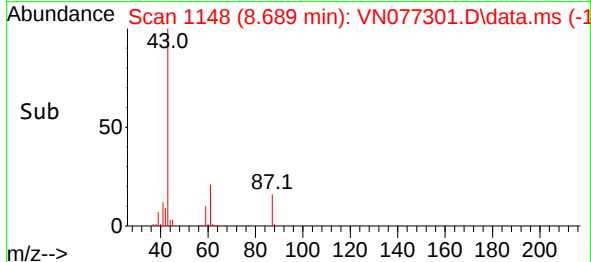
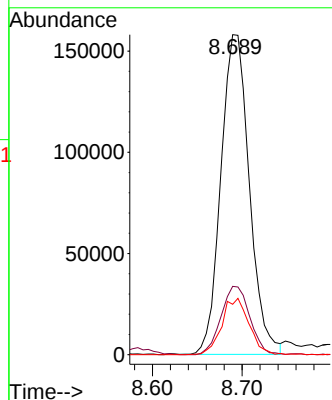
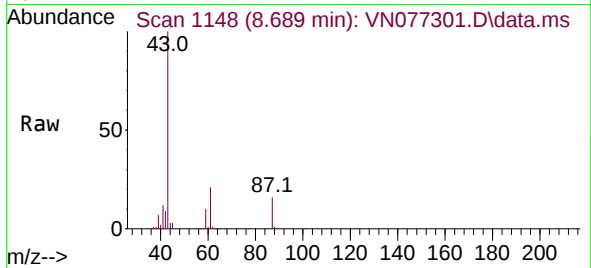




#43
Isopropyl Acetate
Concen: 23.844 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077301.D
Acq: 11 Apr 2023 13:47

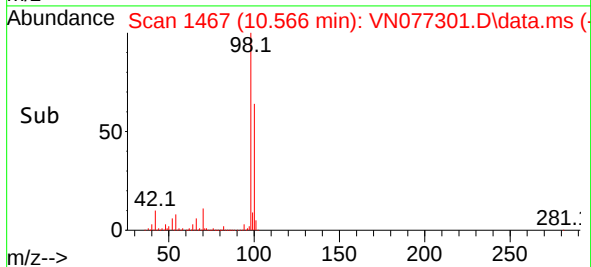
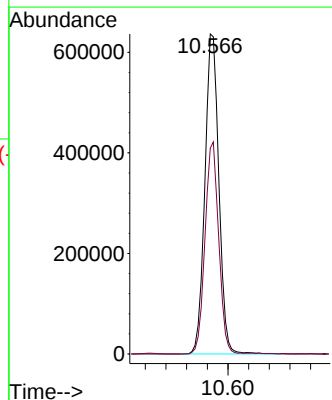
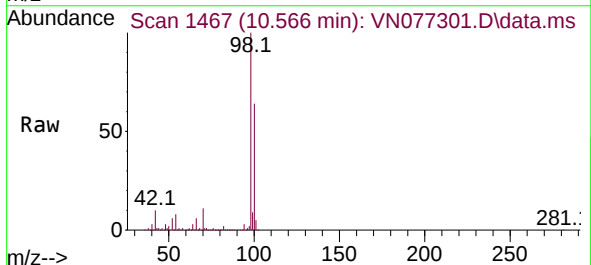
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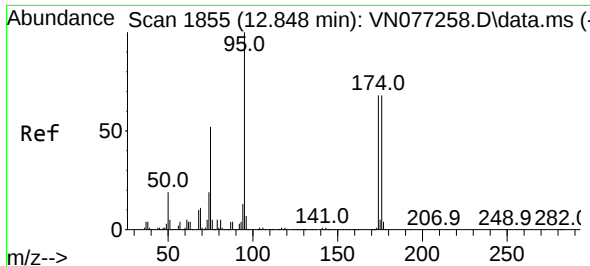
Tgt Ion: 43 Resp: 348552
Ion Ratio Lower Upper
43 100
61 21.6 22.7 34.1#
87 17.0 13.6 20.4



#50
Toluene-d8
Concen: 49.526 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077301.D
Acq: 11 Apr 2023 13:47

Tgt Ion: 98 Resp: 1193602
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9

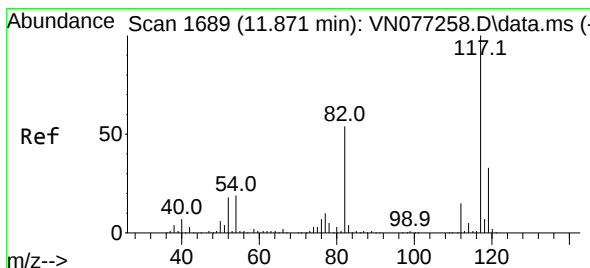
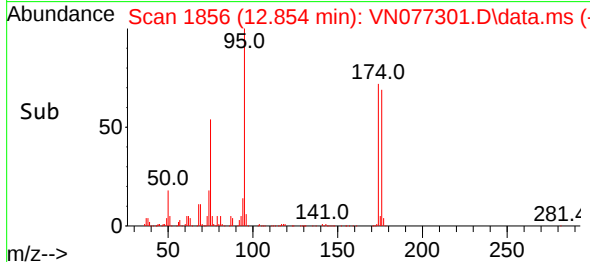
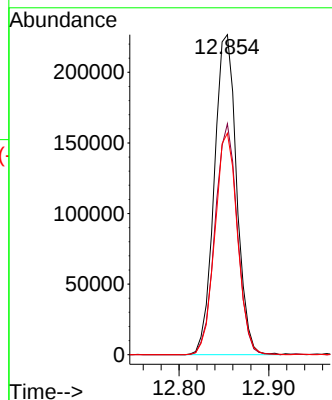
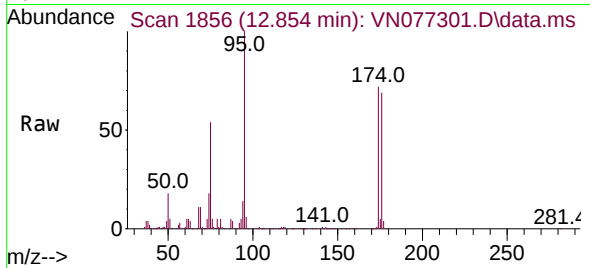




#62
4-Bromofluorobenzene
Concen: 48.922 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077301.D
Acq: 11 Apr 2023 13:47

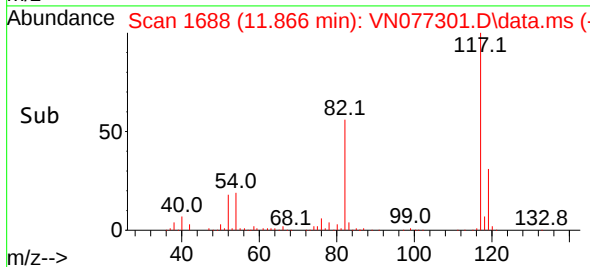
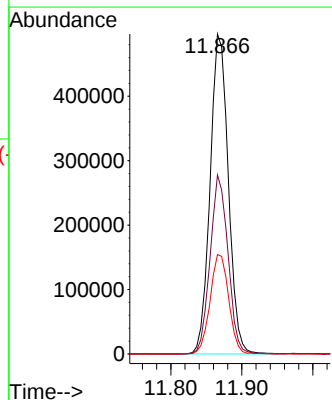
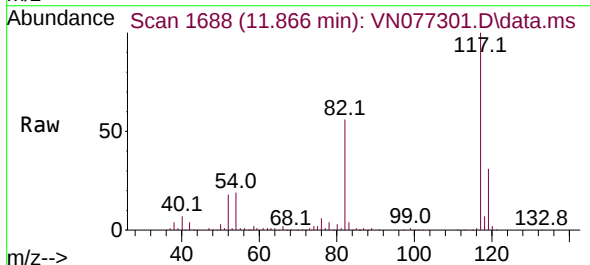
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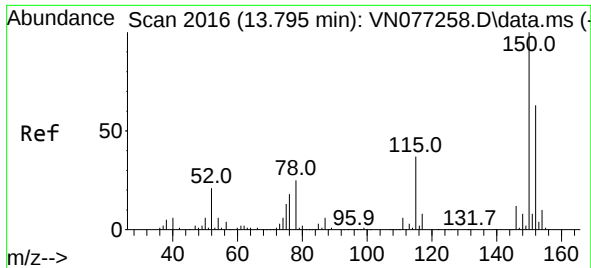
Tgt Ion: 95 Resp: 392134
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.8
176 69.8 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077301.D
Acq: 11 Apr 2023 13:47

Tgt Ion: 117 Resp: 884307
Ion Ratio Lower Upper
117 100
82 55.9 42.9 64.3
119 31.0 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: VN077301.D

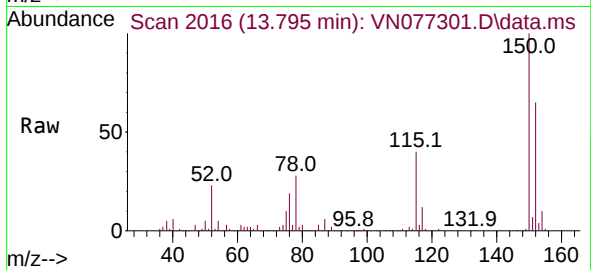
Acq: 11 Apr 2023 13:47

Instrument :

MSVOA_N

ClientSampleId :

JPP-1-040723



Tgt Ion:152 Resp: 312645

Ion Ratio Lower Upper

152 100

115 61.2 32.1 96.3

150 156.9 0.0 354.8

