

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076796.D
 Acq On : 23 Feb 2023 16:25
 Operator : JC\MD
 Sample : 01647-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ACADEMY-SUBSTATION

Quant Time: Feb 24 01:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

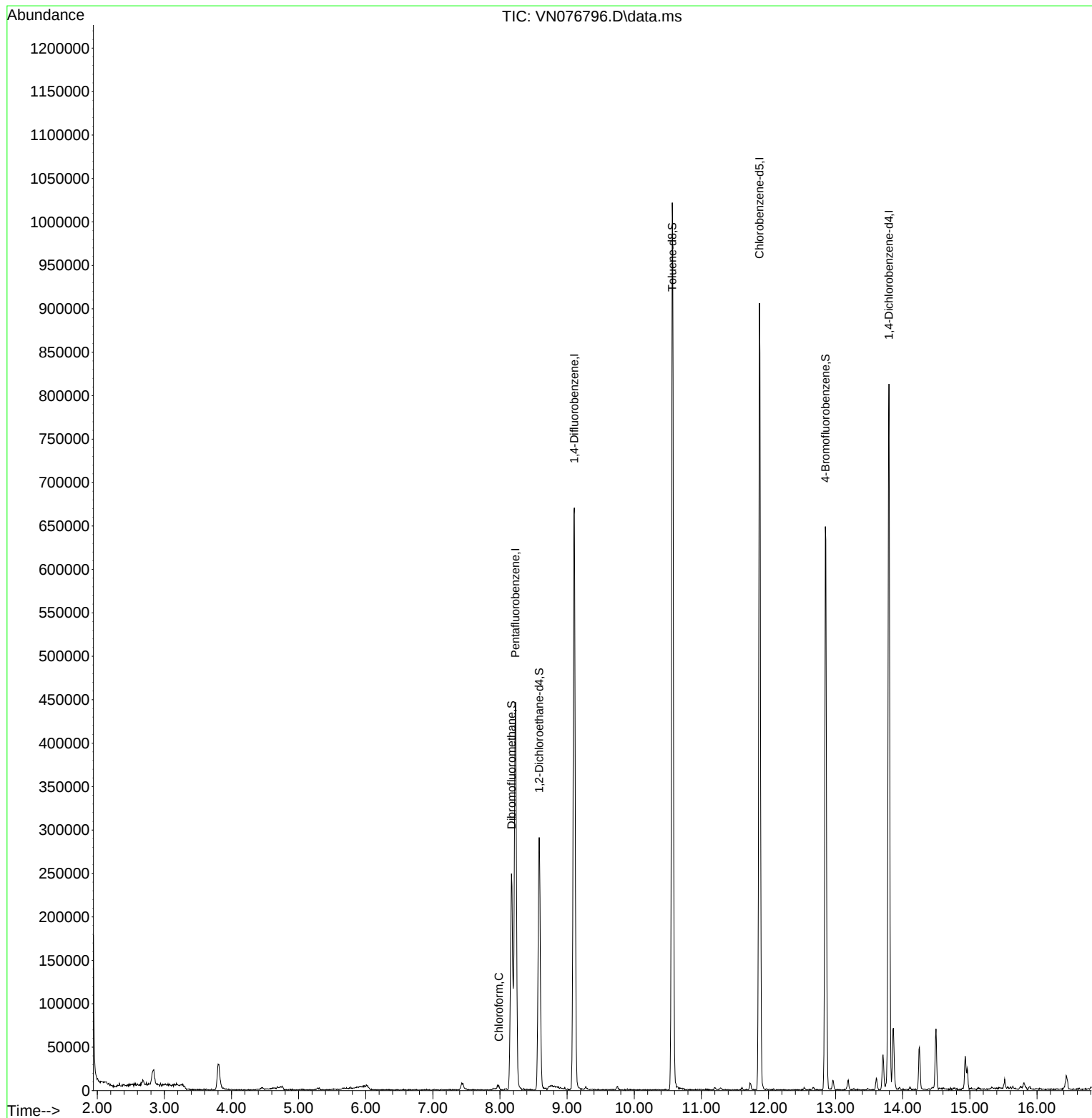
Internal Standards						
1) Pentafluorobenzene	8.231	168	316906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	566487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	495905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	201063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	229687	52.488	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.980%
35) Dibromofluoromethane	8.172	113	168778	45.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.980%
50) Toluene-d8	10.566	98	684483	49.405	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.848	95	205217	44.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.440%
Target Compounds						
					Qvalue	
30) Chloroform	7.984	83	4490	0.617	ug/l	84

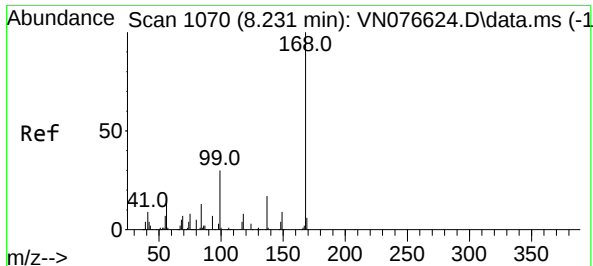
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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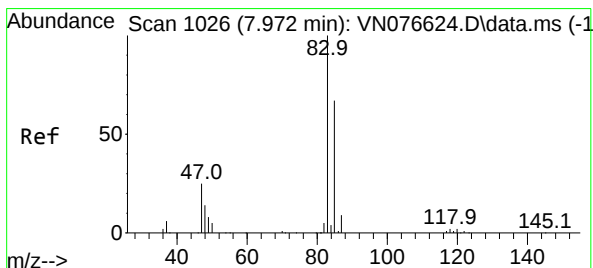
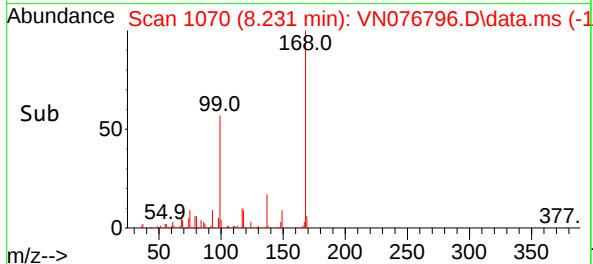
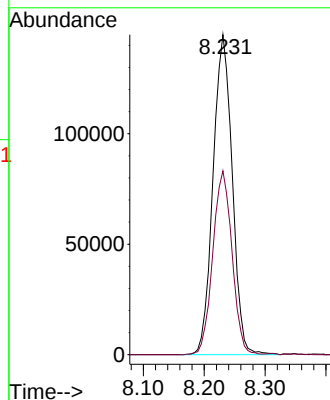
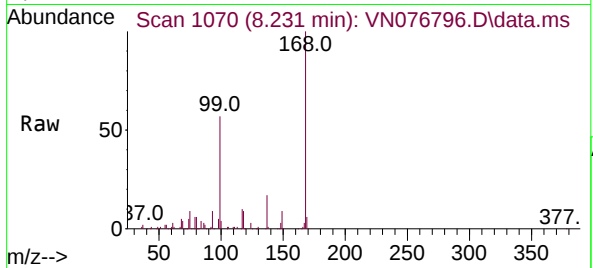




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

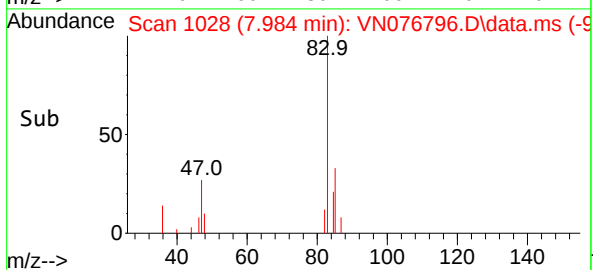
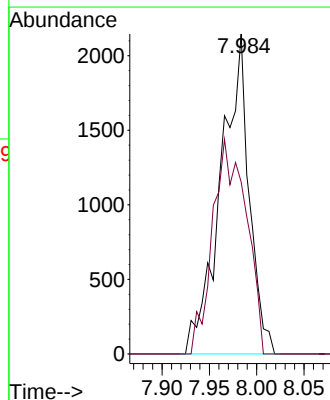
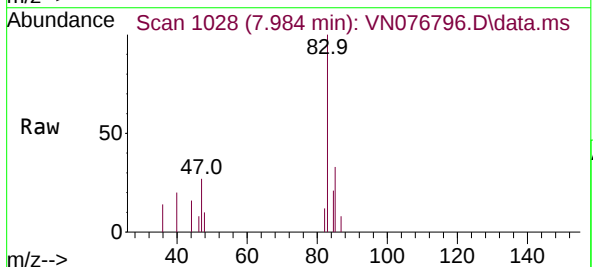
Instrument :
MSVOA_N
ClientSampleId :
ACADEMY-SUBSTATION

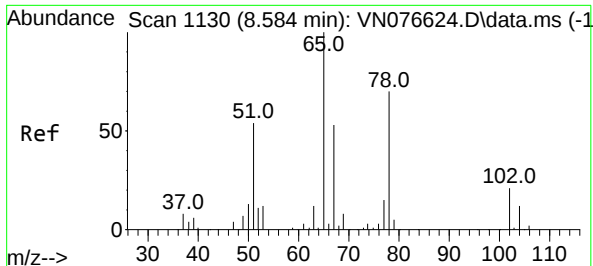
Tgt Ion:168 Resp: 316906
Ion Ratio Lower Upper
168 100
99 57.4 44.8 67.2



#30
Chloroform
Concen: 0.617 ug/l
RT: 7.984 min Scan# 1028
Delta R.T. 0.012 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Tgt Ion: 83 Resp: 4490
Ion Ratio Lower Upper
83 100
85 53.8 53.5 80.3





#33

1,2-Dichloroethane-d4

Concen: 52.488 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076796.D

Acq: 23 Feb 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

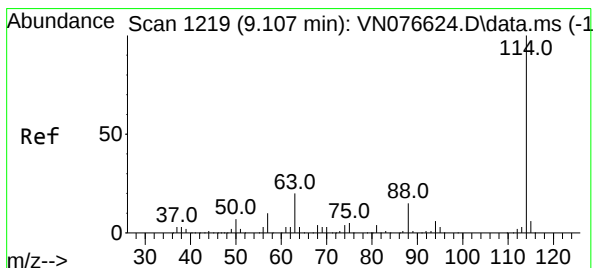
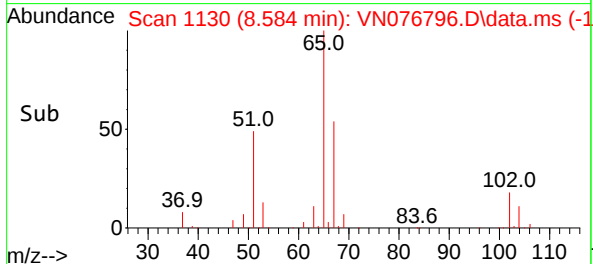
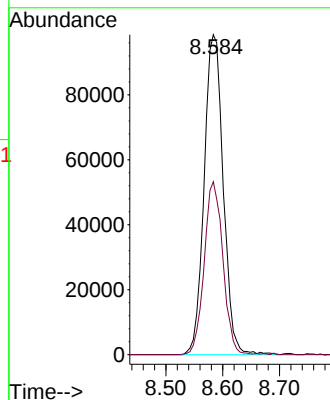
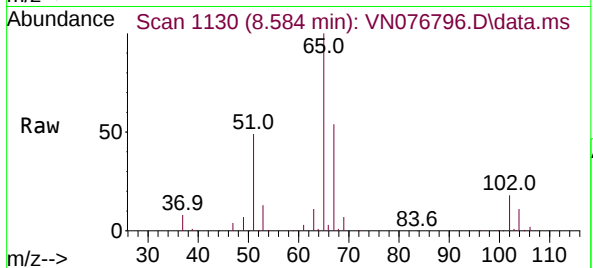
ACADEMY-SUBSTATION

Tgt Ion: 65 Resp: 229687

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076796.D

Acq: 23 Feb 2023 16:25

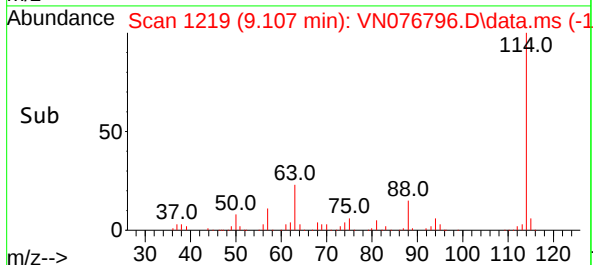
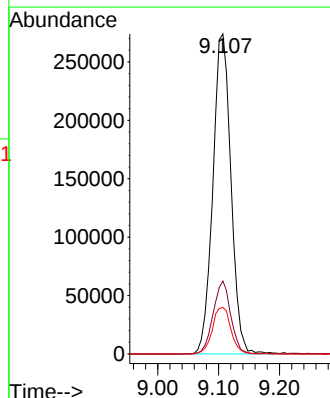
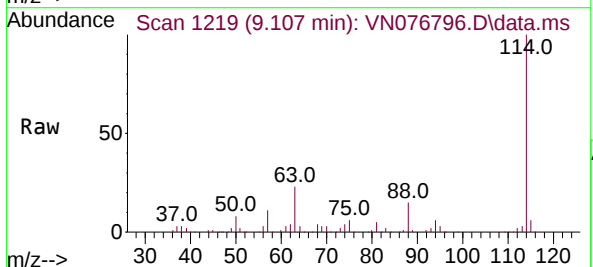
Tgt Ion: 114 Resp: 566487

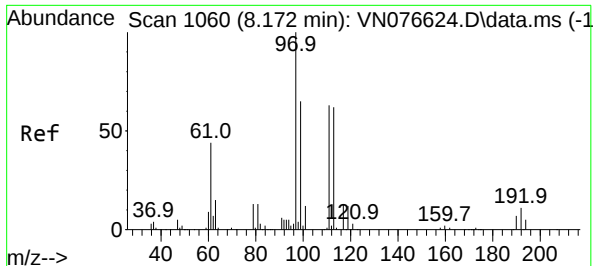
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 14.6 0.0 29.6

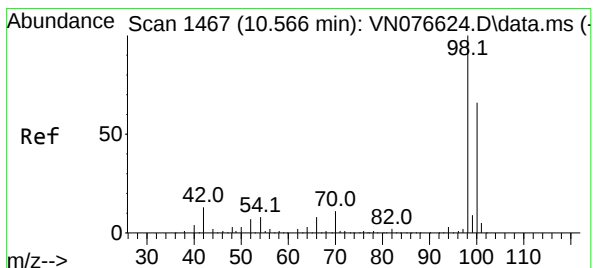
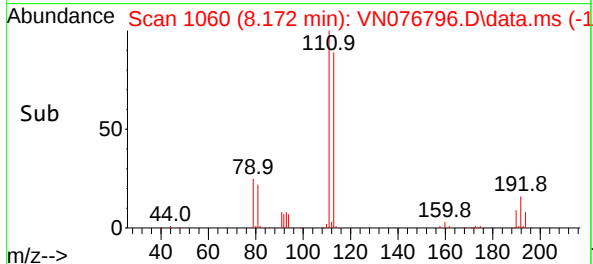
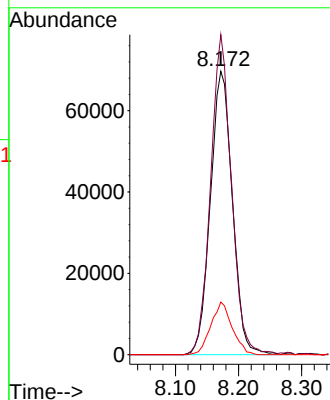
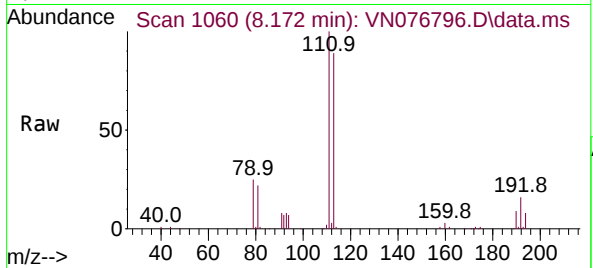




#35
Dibromofluoromethane
Concen: 45.495 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

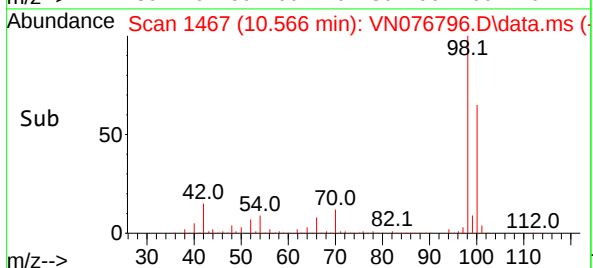
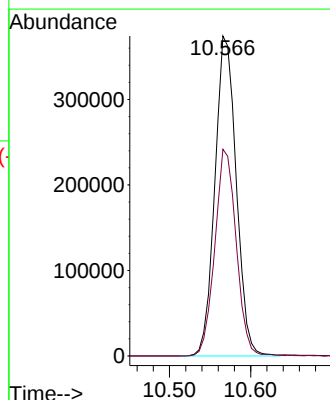
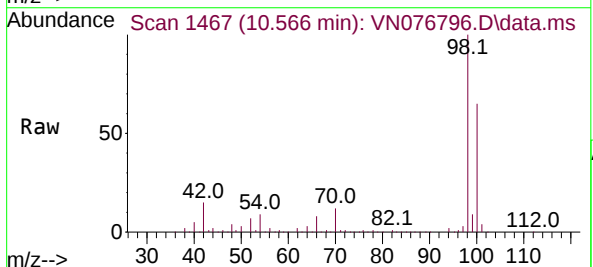
Instrument :
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ACADEMY-SUBSTATION

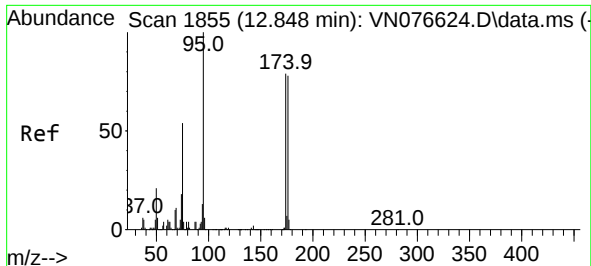
Tgt Ion:113 Resp: 168778
Ion Ratio Lower Upper
113 100
111 106.9 83.1 124.7
192 18.0 15.6 23.4



#50
Toluene-d8
Concen: 49.405 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Tgt Ion: 98 Resp: 684483
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3

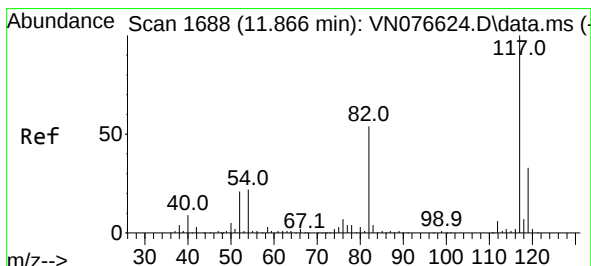
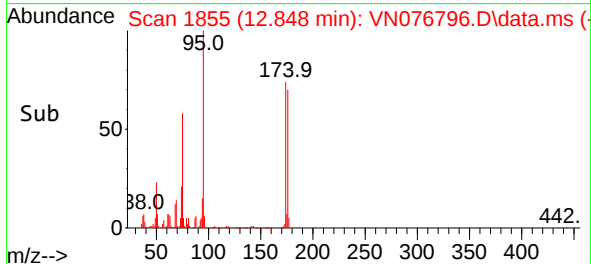
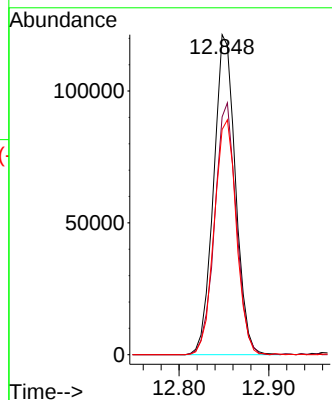
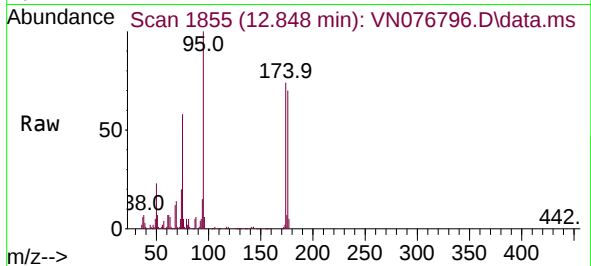




#62
4-Bromofluorobenzene
Concen: 44.723 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

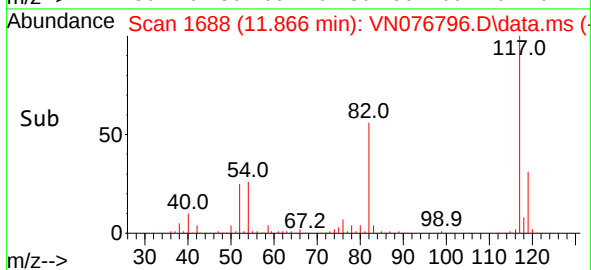
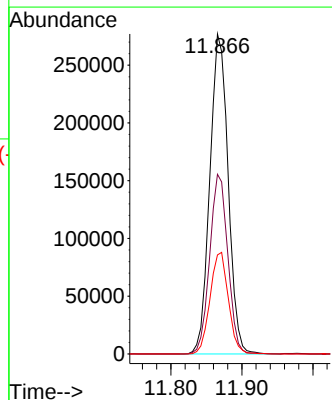
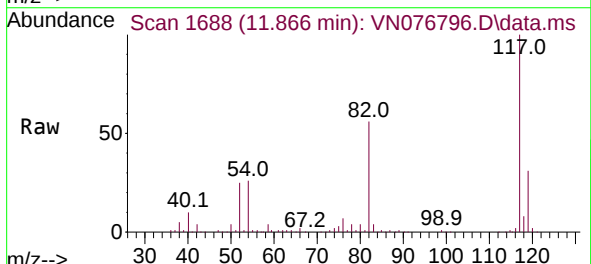
Instrument :
MSVOA_N
ClientSampleId :
ACADEMY-SUBSTATION

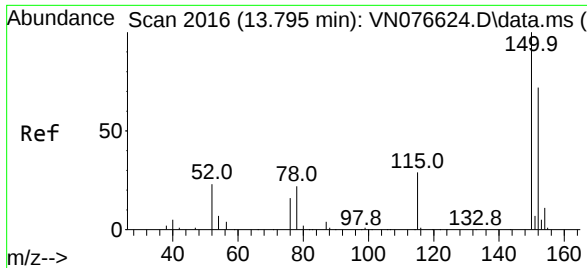
Tgt Ion: 95 Resp: 205217
Ion Ratio Lower Upper
95 100
174 77.5 0.0 169.2
176 74.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

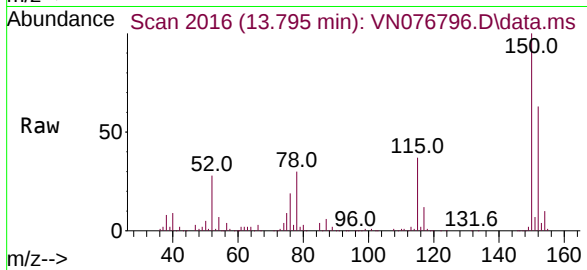
Tgt Ion: 117 Resp: 495905
Ion Ratio Lower Upper
117 100
82 56.1 43.4 65.2
119 31.0 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN076796.D
 Acq: 23 Feb 2023 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 ACADEMY-SUBSTATION



Tgt Ion:152 Resp: 201063
 Ion Ratio Lower Upper
 152 100
 115 60.0 29.3 87.9
 150 159.6 0.0 349.8

