

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)

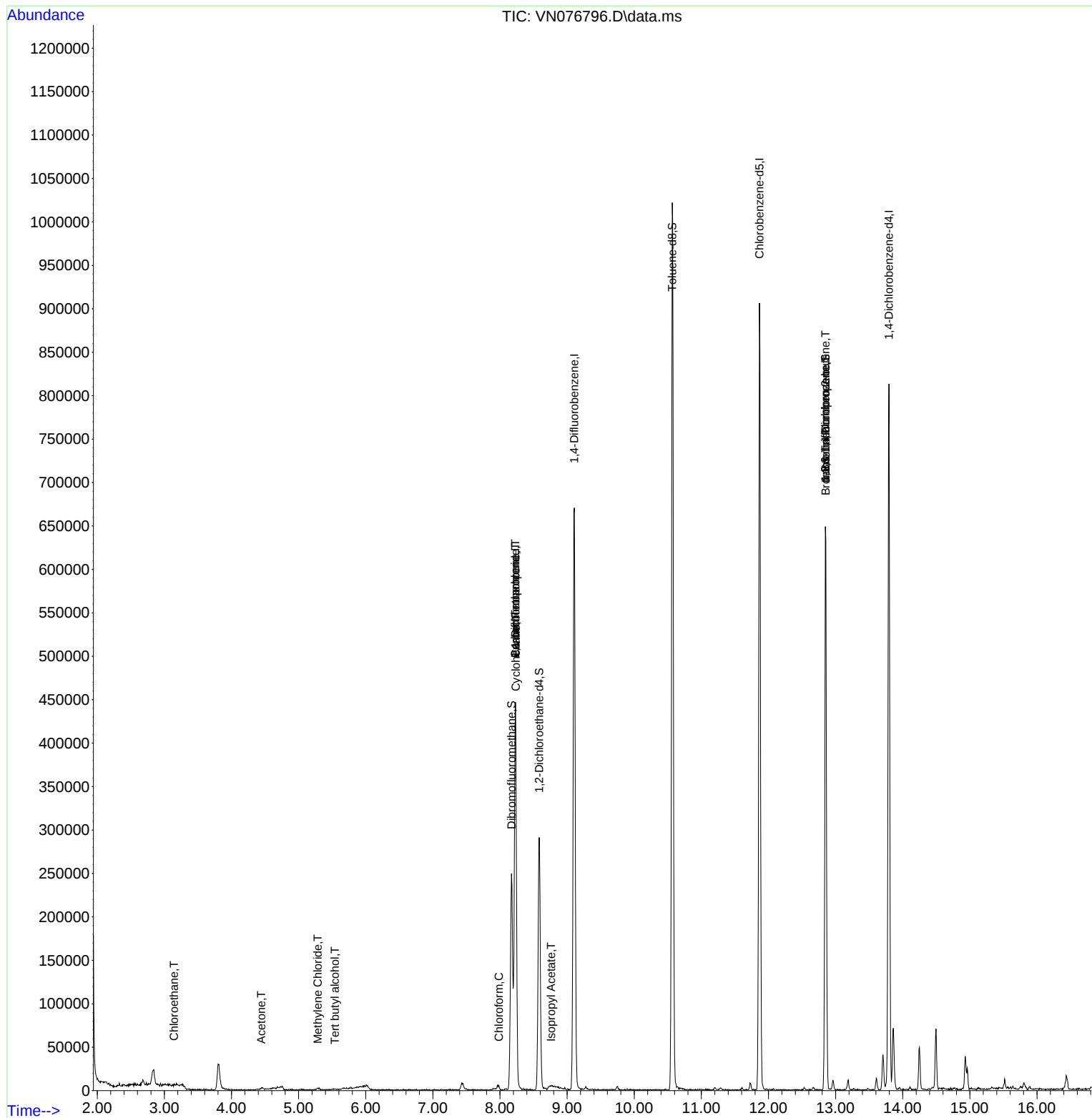
Internal Standards						
1) Pentafluorobenzene	8.231	168	316906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	566487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	495905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	201063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
6) Chloroethane	3.143	64	595	0.218	ug/l #	44
11) Tert butyl alcohol	5.543	59	394	0.682	ug/l #	71
16) Acetone	4.443	43	3377	1.728	ug/l #	42
20) Methylene Chloride	5.284	84	1088	0.266	ug/l #	67
30) Chloroform	7.984	83	4490	0.617	ug/l	84
31) Cyclohexane	8.236	56	8130	1.184	ug/l #	18
36) 1,1-Dichloropropene	8.231	75	29348	5.475	ug/l #	49
38) Carbon Tetrachloride	8.231	117	34559	6.391	ug/l #	18
43) Isopropyl Acetate	8.760	43	6652	0.725	ug/l #	56
71) Bromoform	12.854	173	2632	0.940	ug/l #	1
76) 1,2,3-Trichloropropane	12.848	75	116764	28.725	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	116764	83.663	ug/l #	4

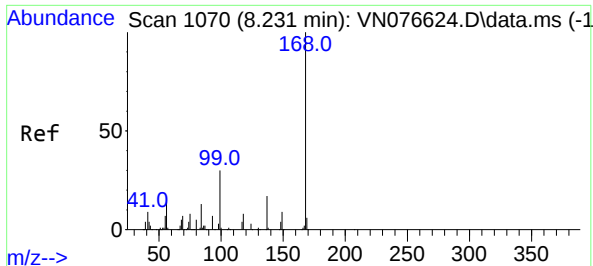
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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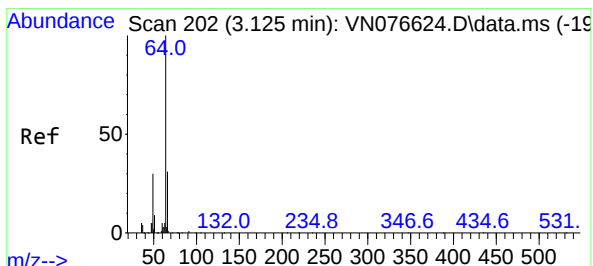
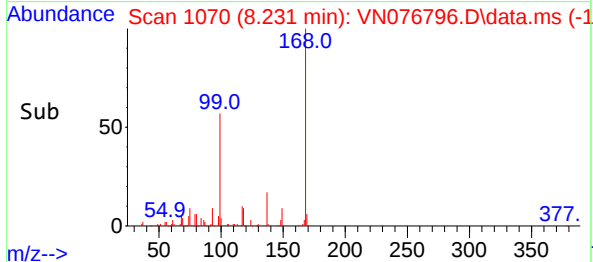
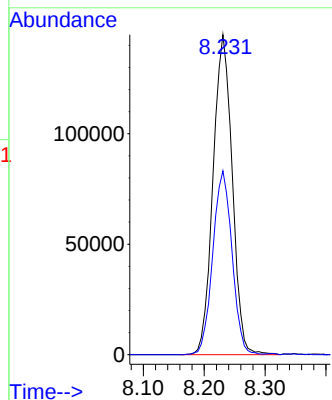
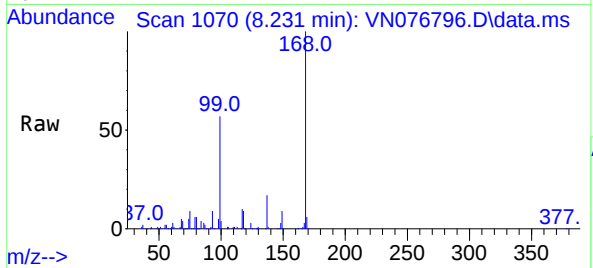




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

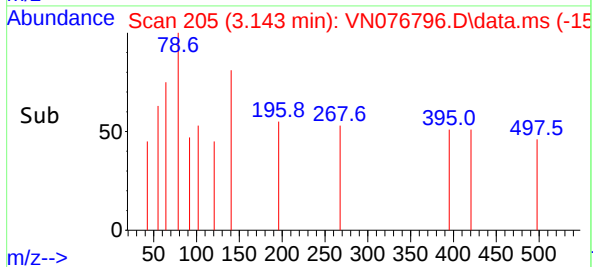
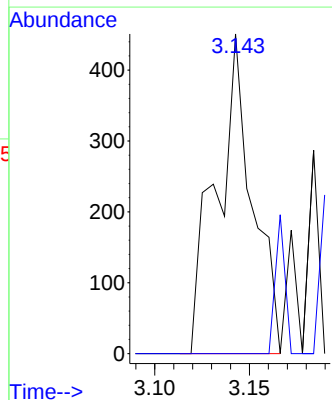
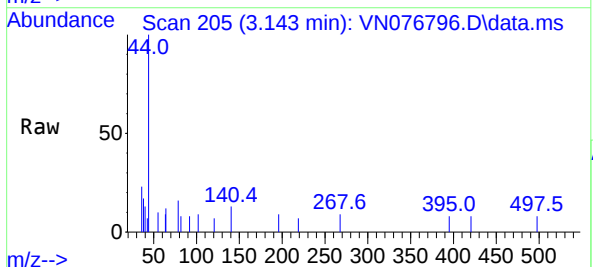
Instrument :
MSVOA_N
ClientSampleId :
ACADEMY-SUBSTATION

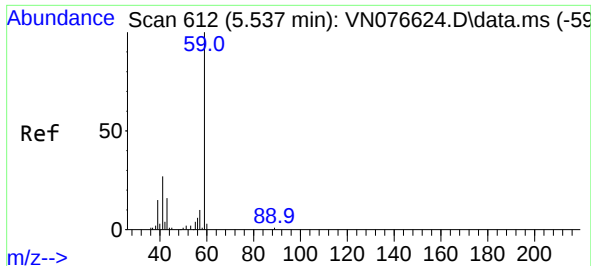
Tgt Ion:168 Resp: 316906
Ion Ratio Lower Upper
168 100
99 57.4 44.8 67.2



#6
Chloroethane
Concen: 0.218 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.018 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Tgt Ion: 64 Resp: 595
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#





#11

Tert butyl alcohol

Concen: 0.682 ug/l

RT: 5.543 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076796.D

Acq: 23 Feb 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

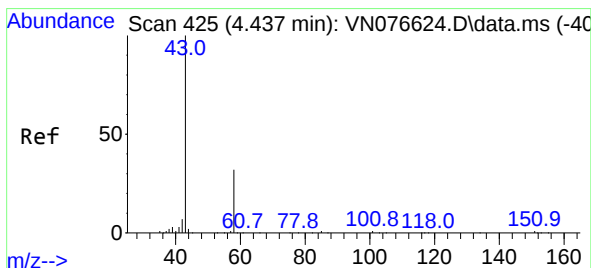
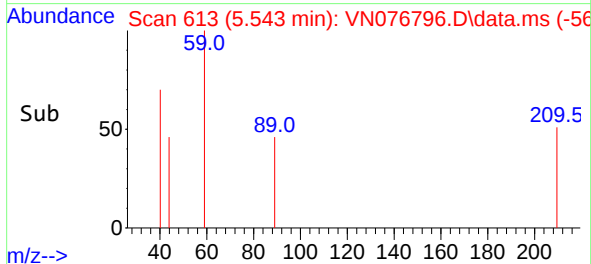
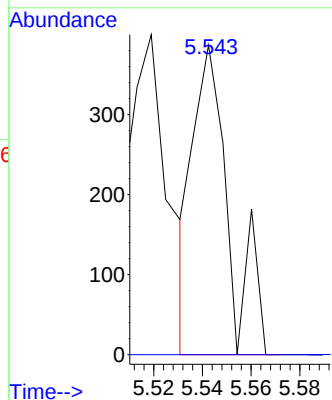
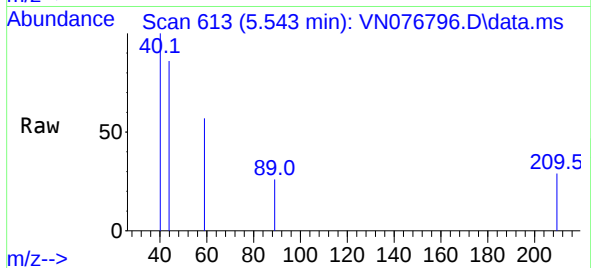
ACADEMY-SUBSTATION

Tgt Ion: 59 Resp: 394

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 1.728 ug/l

RT: 4.443 min Scan# 426

Delta R.T. 0.006 min

Lab File: VN076796.D

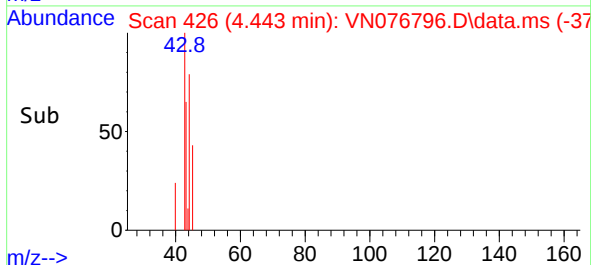
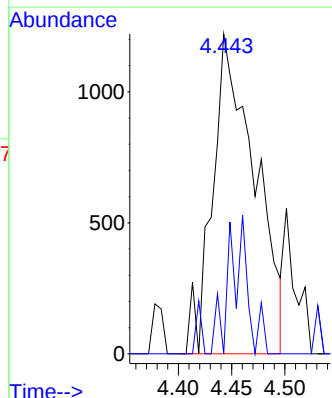
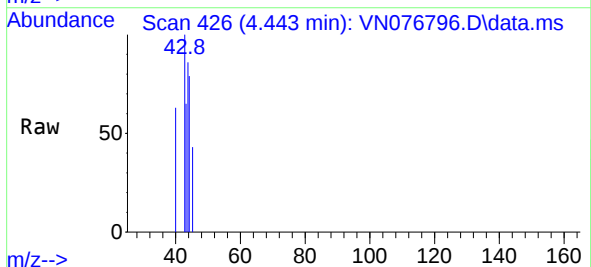
Acq: 23 Feb 2023 16:25

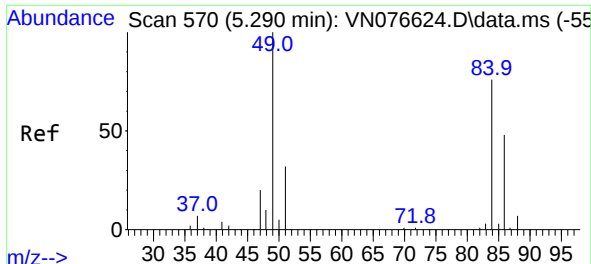
Tgt Ion: 43 Resp: 3377

Ion Ratio Lower Upper

43 100

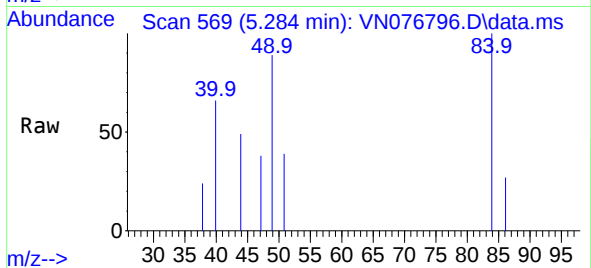
58 0.0 25.9 38.9#





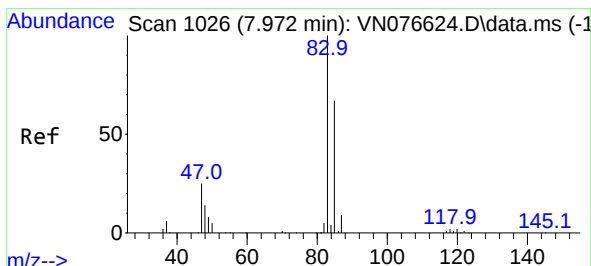
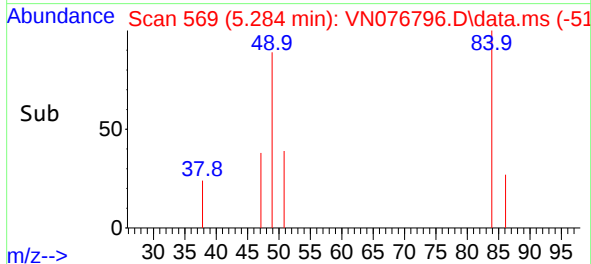
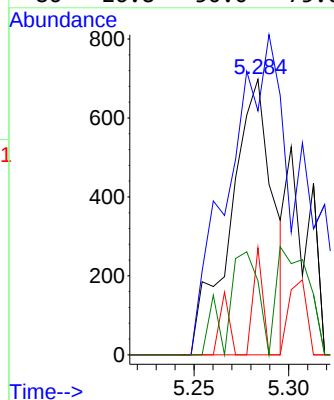
#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 5.284 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
ACADEMY-SUBSTATION



Tgt Ion: 84 Resp: 1088

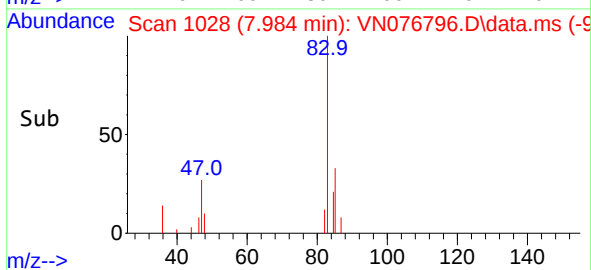
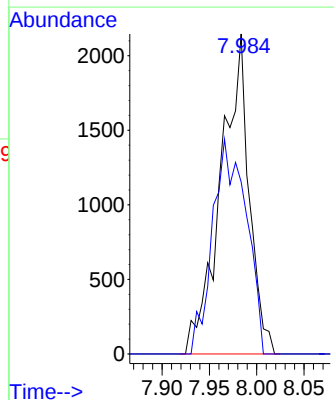
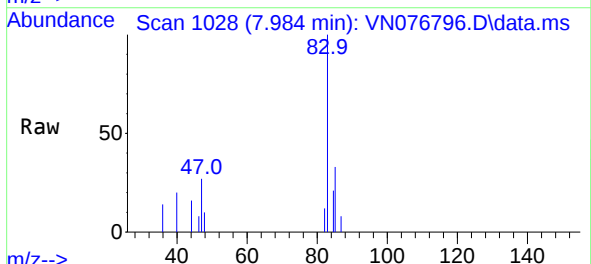
Ion	Ratio	Lower	Upper
84	100		
49	88.5	104.9	157.3#
51	38.8	33.8	50.8
86	26.8	50.0	75.0#

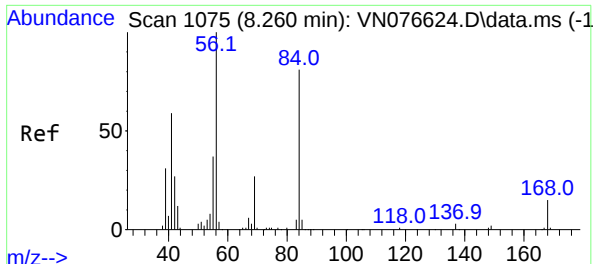


#30
Chloroform
Concen: 0.617 ug/l
RT: 7.984 min Scan# 1028
Delta R.T. 0.012 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Tgt Ion: 83 Resp: 4490

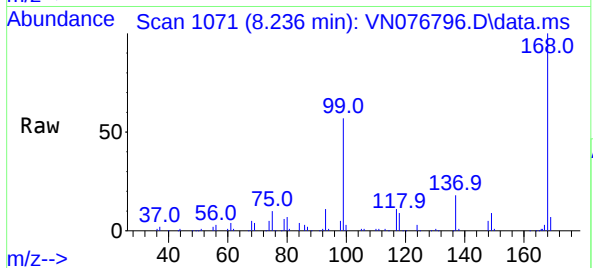
Ion	Ratio	Lower	Upper
83	100		
85	53.8	53.5	80.3



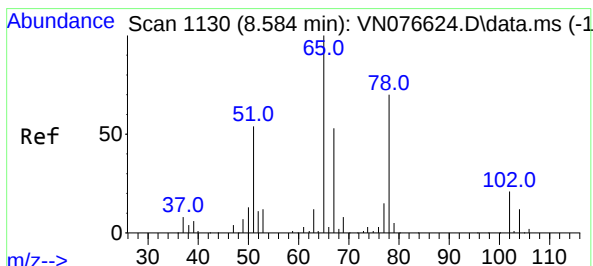
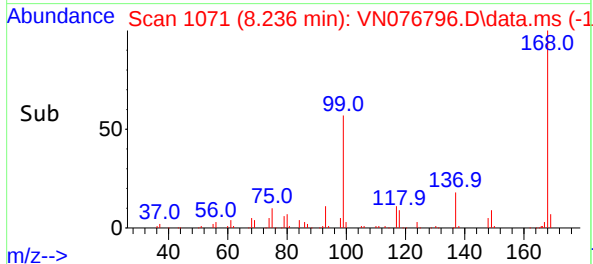
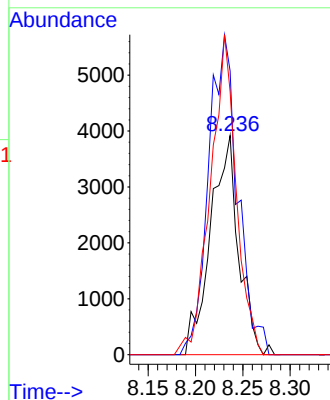


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 8.236 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
ACADEMY-SUBSTATION

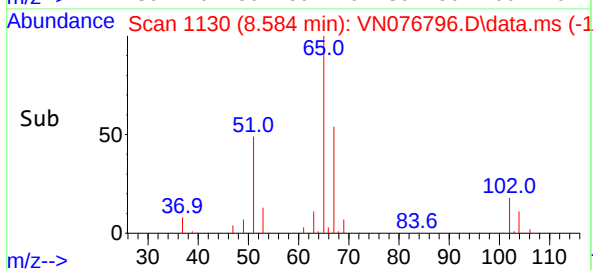
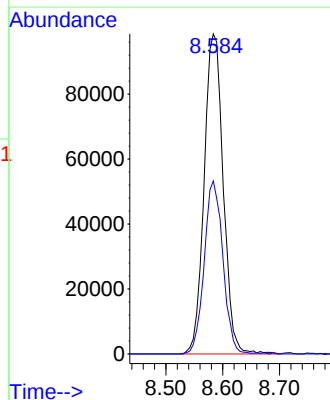
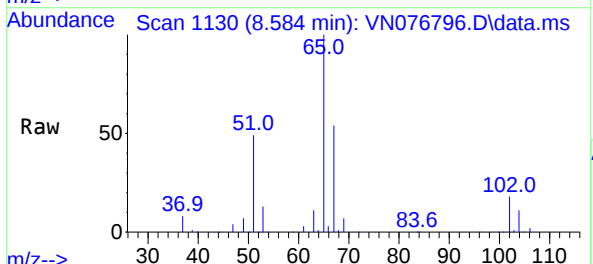


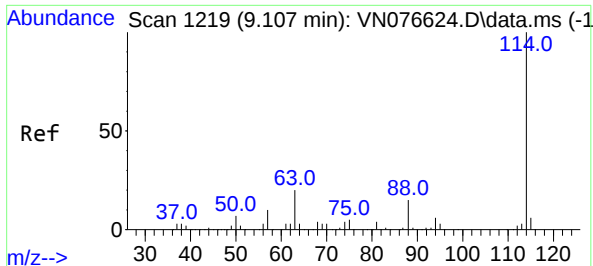
Tgt Ion: 56 Resp: 8130
Ion Ratio Lower Upper
56 100
69 129.4 21.6 32.4#
84 120.1 65.1 97.7#



#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

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# 11

Delta R.T. 0.000 min

Lab File: VN076796.D

Acq: 23 Feb 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

ACADEMY-SUBSTATION

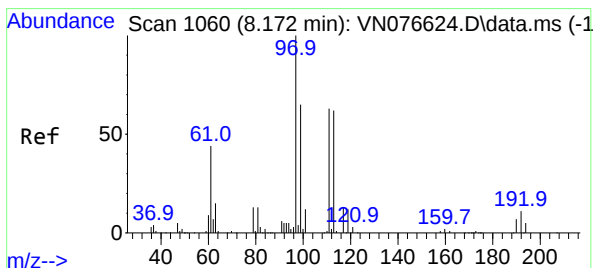
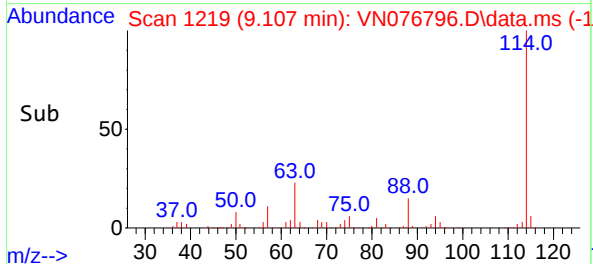
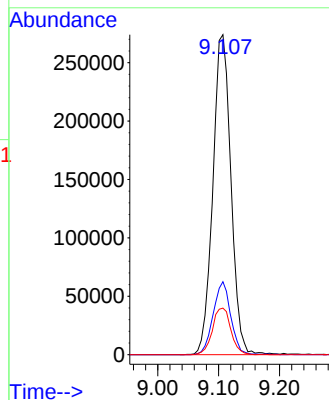
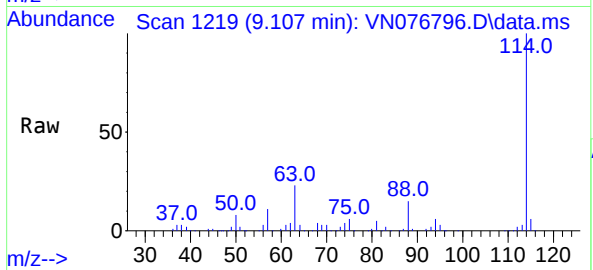
Tgt Ion:114 Resp: 566487

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

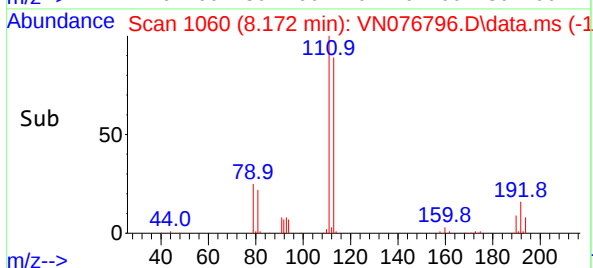
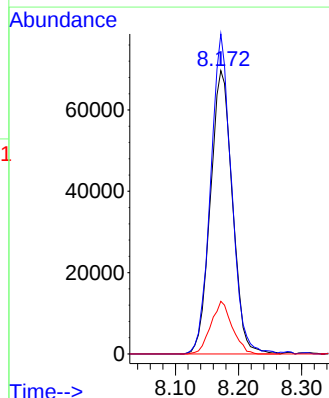
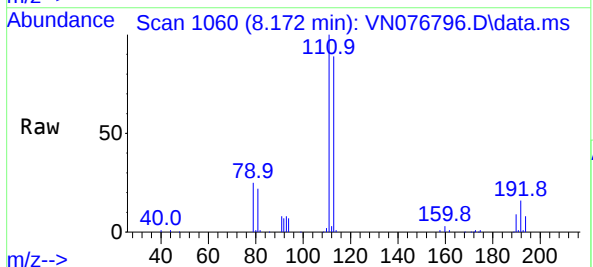
Tgt Ion:113 Resp: 168778

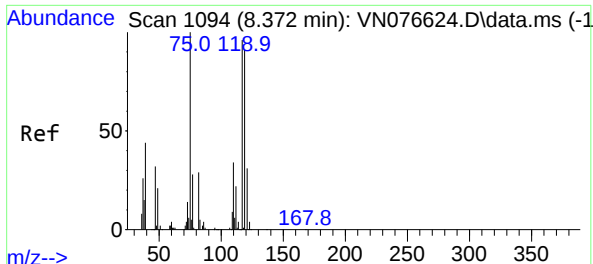
Ion Ratio Lower Upper

113 100

111 106.9 83.1 124.7

192 18.0 15.6 23.4

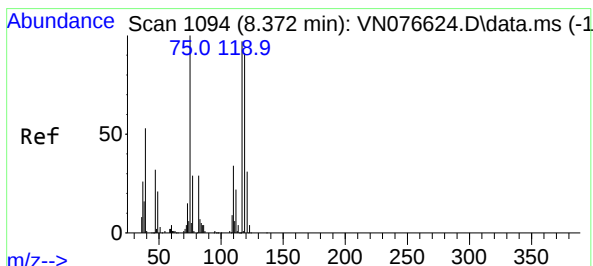
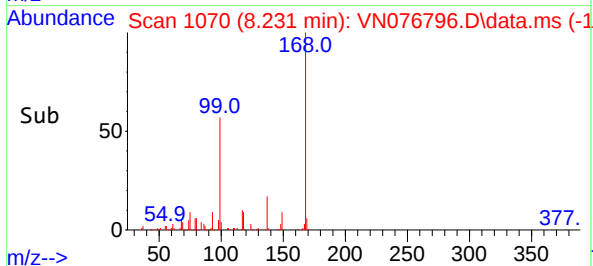
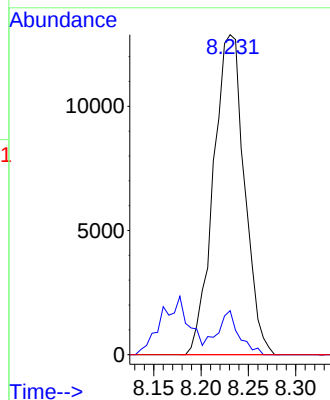
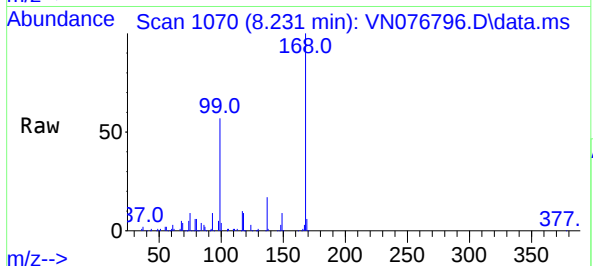




#36
1,1-Dichloropropene
Concen: 5.475 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

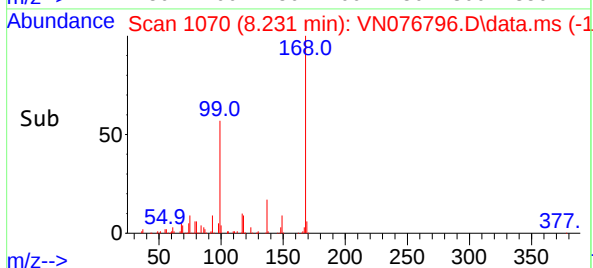
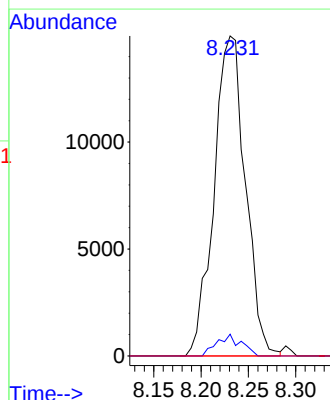
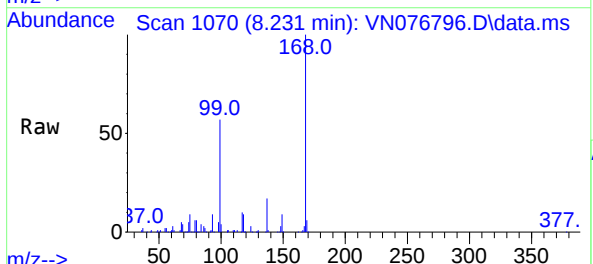
Instrument : MSVOA_N
ClientSampleId : ACADEMY-SUBSTATION

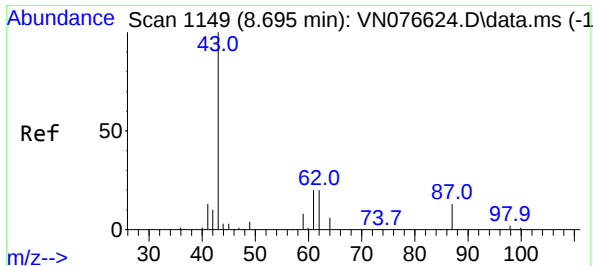
Tgt Ion: 75 Resp: 29348
Ion Ratio Lower Upper
75 100
110 8.1 17.5 52.5#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.141 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Tgt Ion:117 Resp: 34559
Ion Ratio Lower Upper
117 100
119 6.8 75.4 113.0#
121 0.0 26.0 39.0#





#43

Isopropyl Acetate

Concen: 0.725 ug/l

RT: 8.760 min Scan# 1149

Delta R.T. 0.065 min

Lab File: VN076796.D

Acq: 23 Feb 2023 16:25

Instrument :

MSVOA_N

ClientSampleId :

ACADEMY-SUBSTATION

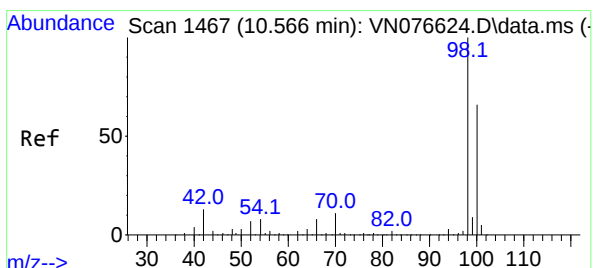
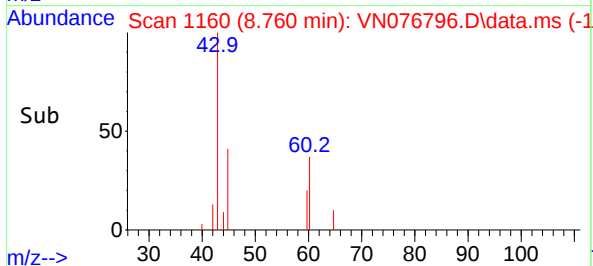
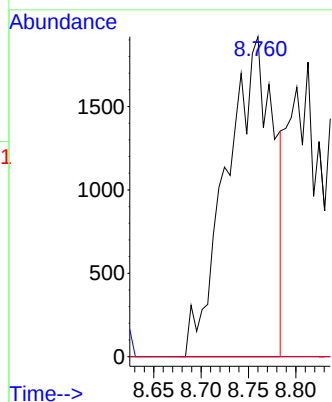
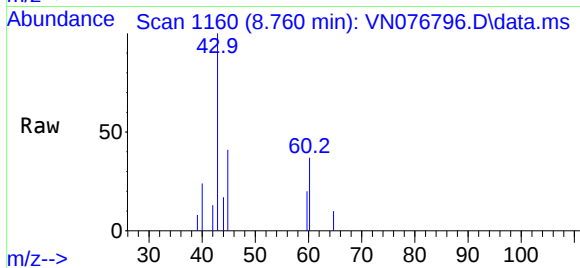
Tgt Ion: 43 Resp: 6652

Ion Ratio Lower Upper

43 100

61 0.0 20.0 30.0#

87 0.0 9.9 14.9#



#50

Toluene-d8

Concen: 49.405 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN076796.D

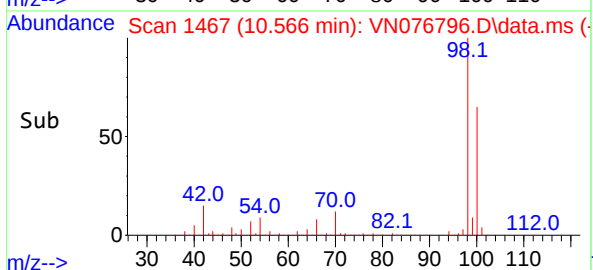
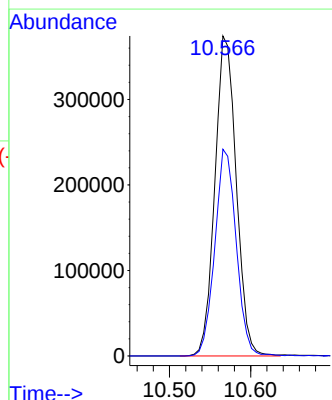
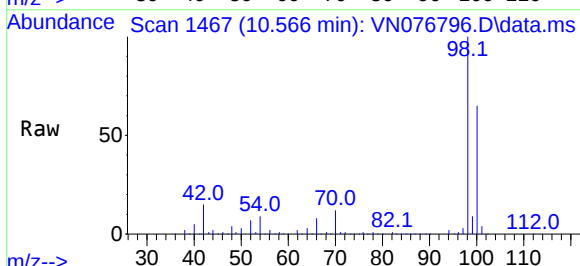
Acq: 23 Feb 2023 16:25

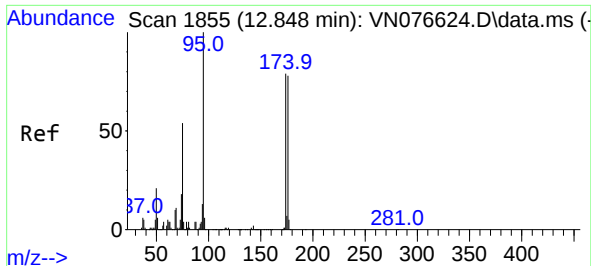
Tgt Ion: 98 Resp: 684483

Ion Ratio Lower Upper

98 100

100 64.7 52.9 79.3

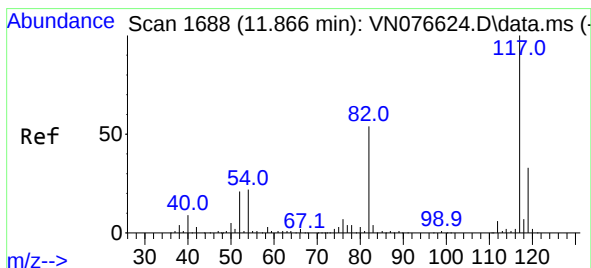
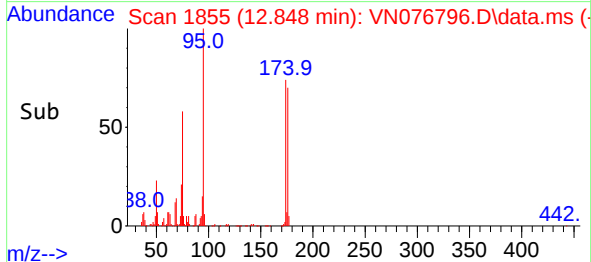
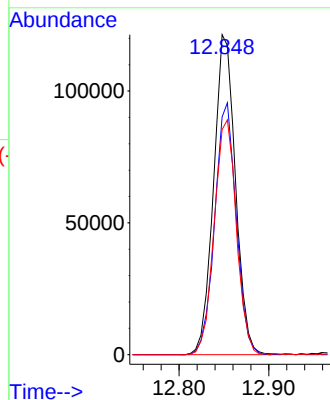
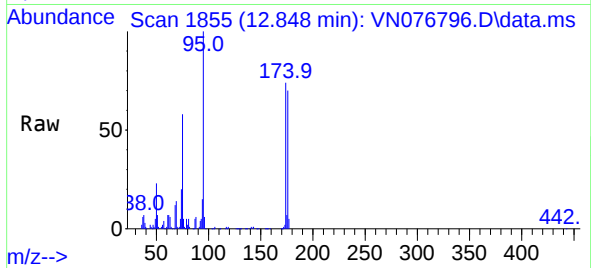




#62
4-Bromofluorobenzene
Concen: 44.723 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

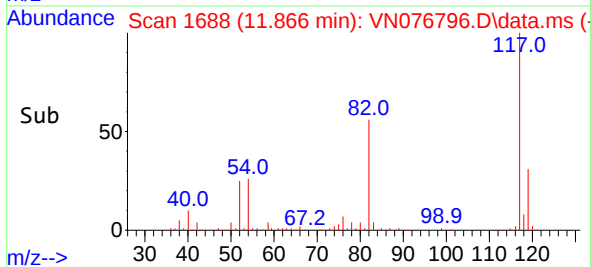
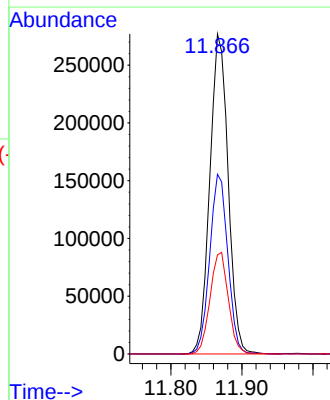
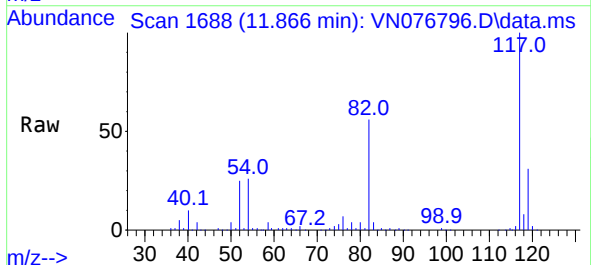
Instrument :
MSVOA_N
ClientSampleId :
ACADEMY-SUBSTATION

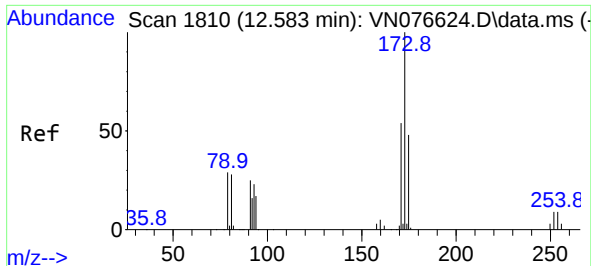
Tgt Ion: 95 Resp: 205217
Ion Ratio Lower Upper
95 100
174 77.5 0.0 169.2
176 74.3 0.0 163.4



#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

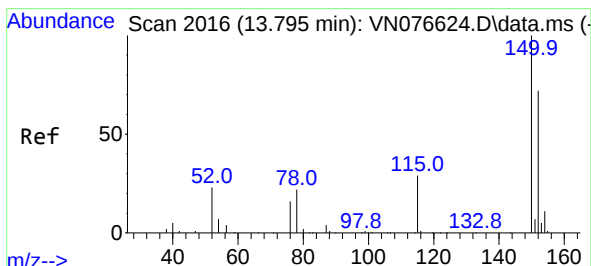
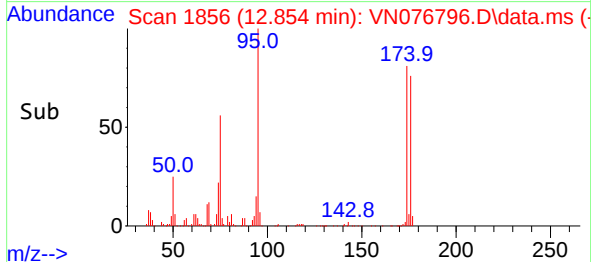
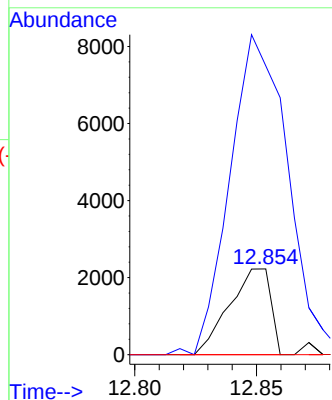
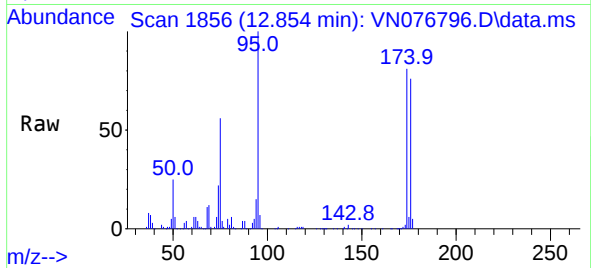




#71
Bromoform
Concen: 0.940 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

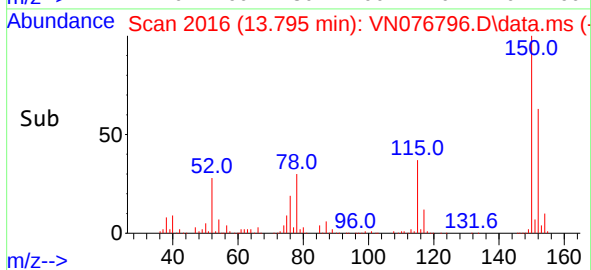
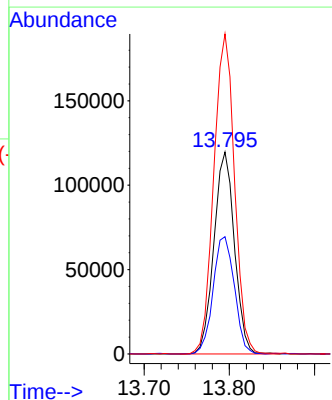
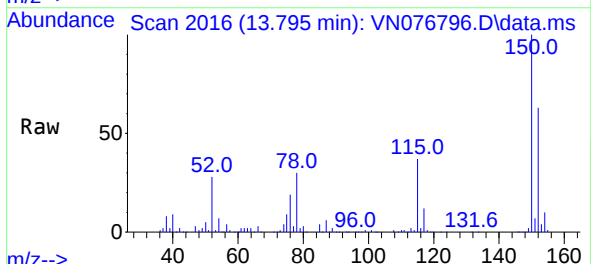
Instrument :
MSVOA_N
ClientSampleId :
ACADEMY-SUBSTATION

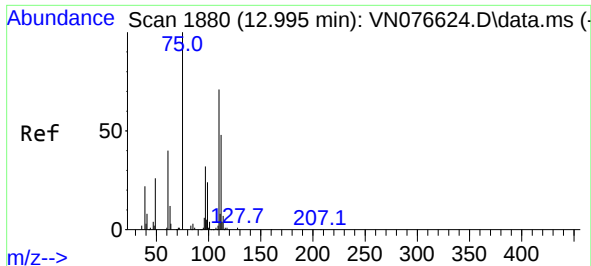
Tgt Ion:173 Resp: 2632
Ion Ratio Lower Upper
173 100
175 445.5 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

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

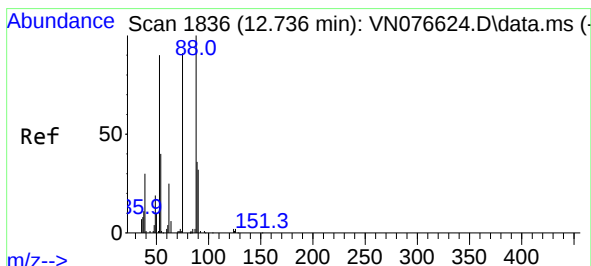
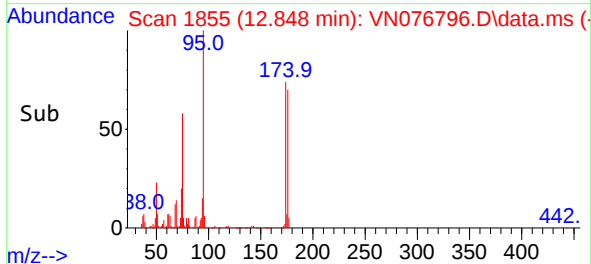
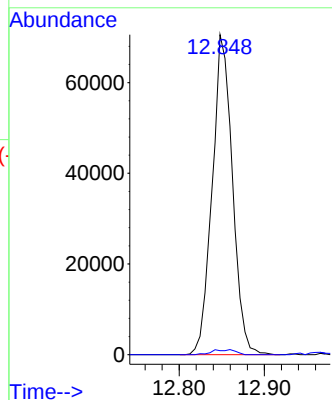
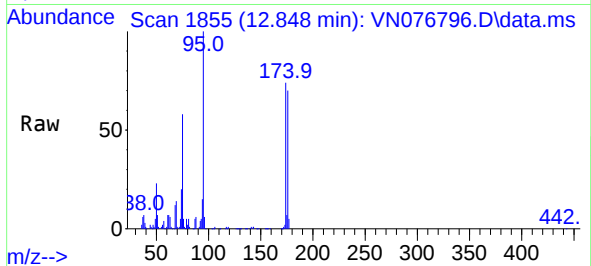




#76
1,2,3-Trichloropropane
Concen: 28.725 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.147 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Instrument :
MSVOA_N
ClientSampleId :
ACADEMY-SUBSTATION

Tgt Ion: 75 Resp: 116764
Ion Ratio Lower Upper
75 100
77 1.8 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.663 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.112 min
Lab File: VN076796.D
Acq: 23 Feb 2023 16:25

Tgt Ion: 75 Resp: 116764
Ion Ratio Lower Upper
75 100
53 0.1 92.1 138.1#
89 0.2 37.5 56.3#

