

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035140.D
 Acq On : 18 Apr 2023 22:15
 Operator : JC/MD
 Sample : 02397-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML6

Quant Time: Apr 19 01:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

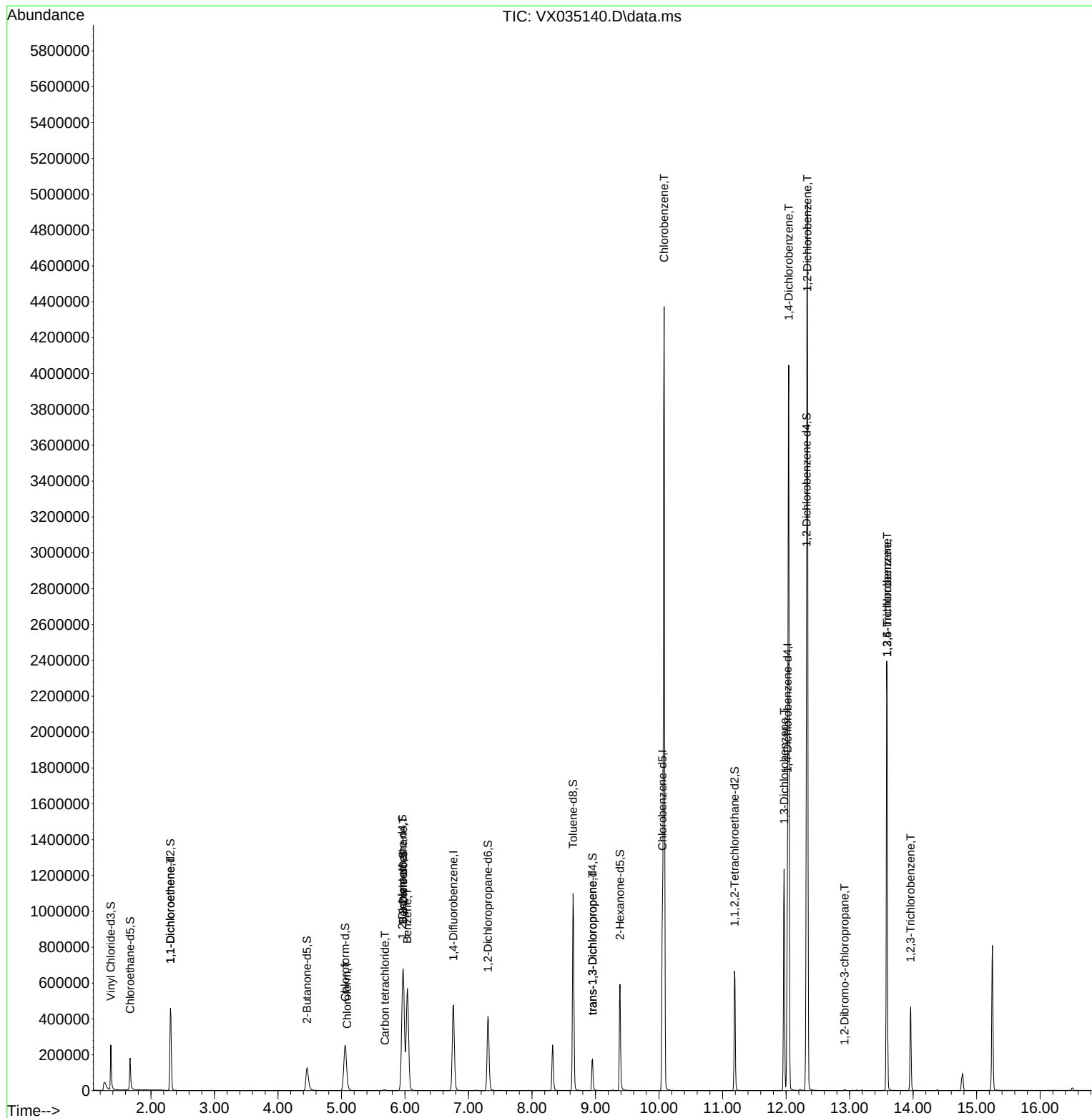
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	497670	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	437623	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	211002	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	169213	52.731	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.460%			
7) Chloroethane-d5	1.672	69	126640	54.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.240%			
11) 1,1-Dichloroethene-d2	2.306	65	81620	53.158	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.320%			
21) 2-Butanone-d5	4.458	46	233738	109.302	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.300%			
24) Chloroform-d	5.056	84	324003	53.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.220%			
26) 1,2-Dichloroethane-d4	5.958	65	214357	55.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.480%			
32) Benzene-d6	5.970	84	700391	55.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.420%			
36) 1,2-Dichloropropane-d6	7.305	67	212097	55.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.460%			
41) Toluene-d8	8.647	98	630371	54.866	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.740%			
43) trans-1,3-Dichloroprop...	8.951	79	85293	50.825	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.640%			
47) 2-Hexanone-d5	9.384	63	172113	111.612	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.610%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252957	53.788	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.580%			
66) 1,2-Dichlorobenzene-d4	12.323	152	224414	54.883	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.760%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	2077	0.699	ug/L #	1
25) Chloroform	5.086	83	15232	2.546	ug/L	89
27) 1,2-Dichloroethane	5.970	62	3760	0.785	ug/L	99
31) Carbon tetrachloride	5.684	117	3448	0.792	ug/L	99
33) Benzene	6.037	78	690169	52.077	ug/L	100
44) trans-1,3-Dichloropropene	8.951	75	3568	0.759	ug/L	90
51) Chlorobenzene	10.079	112	1837338	202.826	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	382888	58.513	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	1260633	188.271	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	1476008	222.461	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.920	75	1018	1.059	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.591	180	563030	139.180	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	563030	148.639	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	111244	29.749	ug/L	99

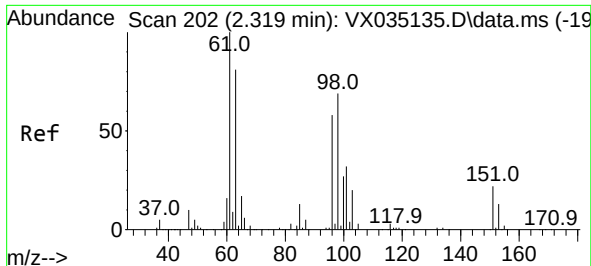
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035140.D
Acq On : 18 Apr 2023 22:15
Operator : JC/MD
Sample : 02397-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COML6

Quant Time: Apr 19 01:38:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.699 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX035140.D

Acq: 18 Apr 2023 22:15

Instrument :

MSVOA_X

ClientSampleId :

COML6

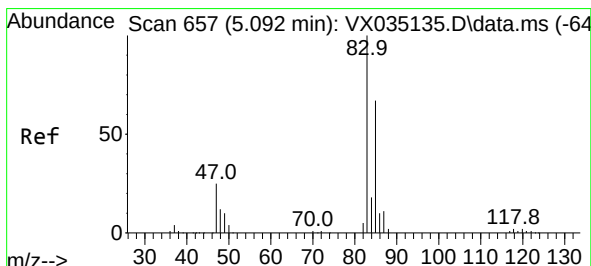
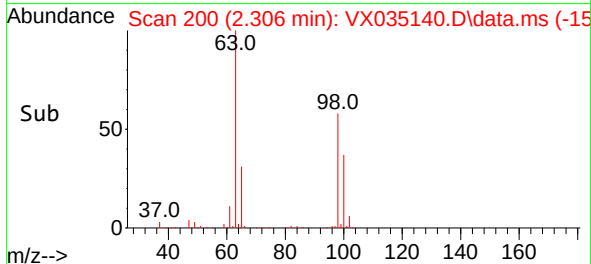
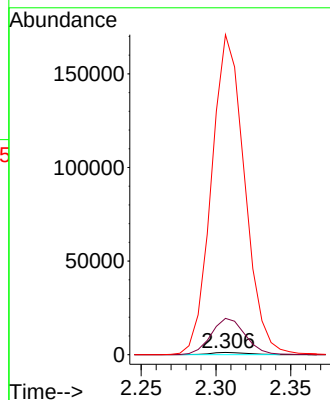
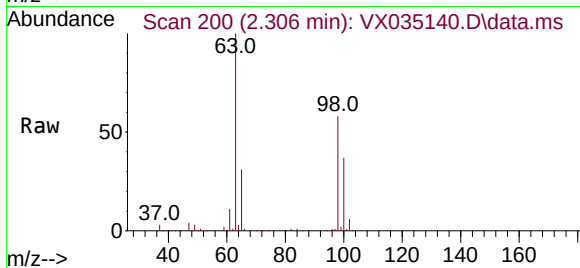
Tgt Ion: 96 Resp: 2077

Ion Ratio Lower Upper

96 100

61 1633.0 119.0 221.0#

63 14377.1 91.0 169.0#



#25

Chloroform

Concen: 2.546 ug/L

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035140.D

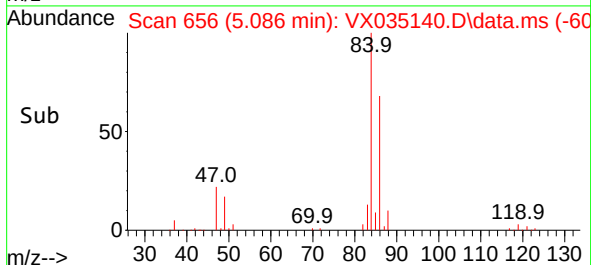
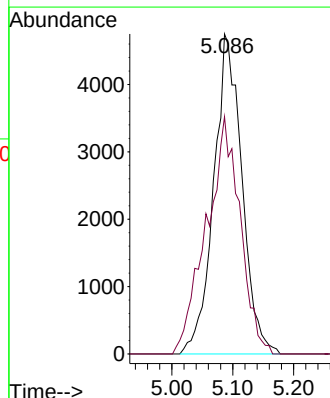
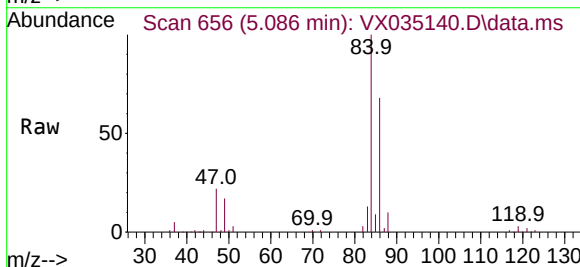
Acq: 18 Apr 2023 22:15

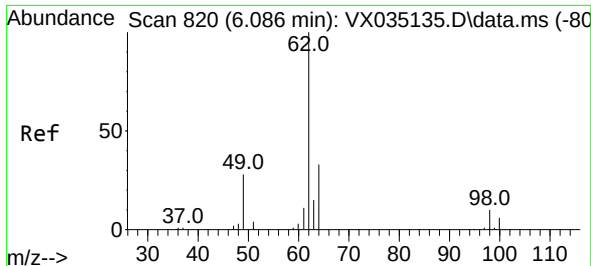
Tgt Ion: 83 Resp: 15232

Ion Ratio Lower Upper

83 100

85 74.1 46.0 85.4





#27

1,2-Dichloroethane

Concen: 0.785 ug/L

RT: 5.970 min Scan# 801

Delta R.T. -0.116 min

Lab File: VX035140.D

Acq: 18 Apr 2023 22:15

Instrument :

MSVOA_X

ClientSampleId :

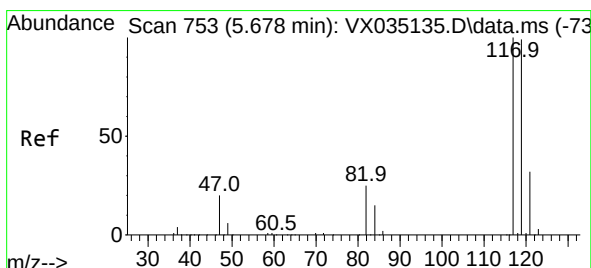
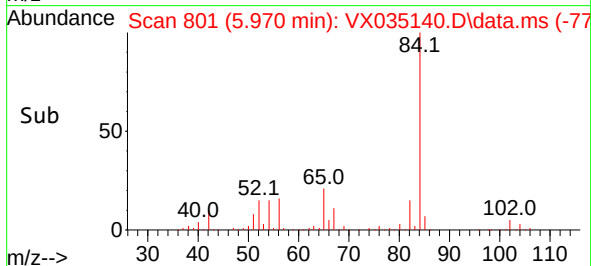
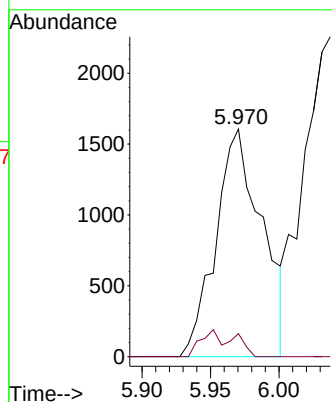
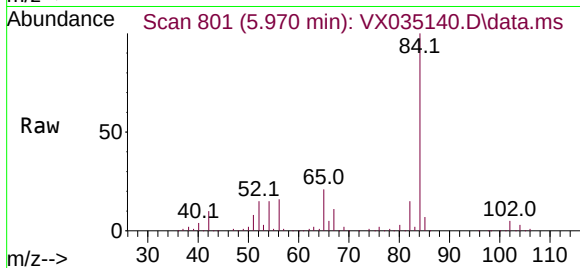
COML6

Tgt Ion: 62 Resp: 3760

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8



#31

Carbon tetrachloride

Concen: 0.792 ug/L

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX035140.D

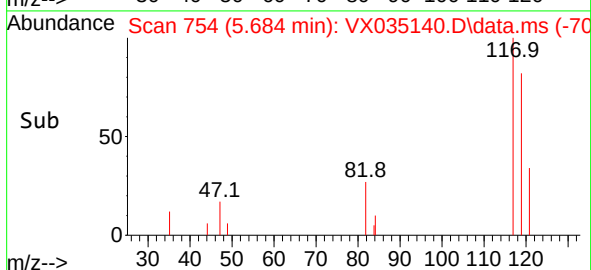
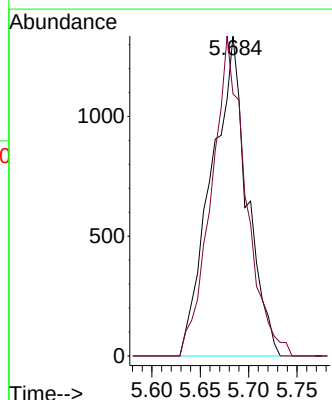
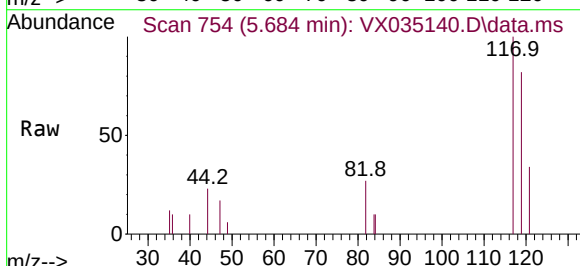
Acq: 18 Apr 2023 22:15

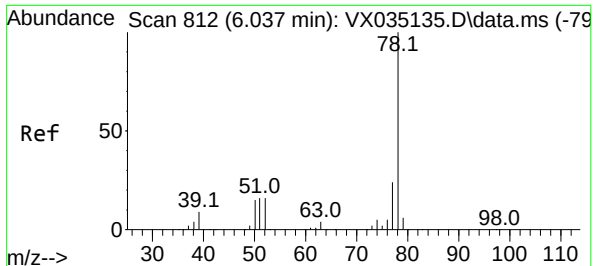
Tgt Ion: 117 Resp: 3448

Ion Ratio Lower Upper

117 100

119 95.8 77.1 115.7

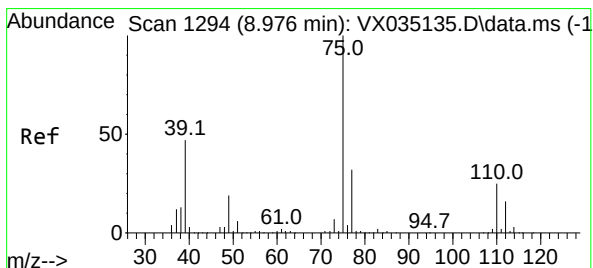
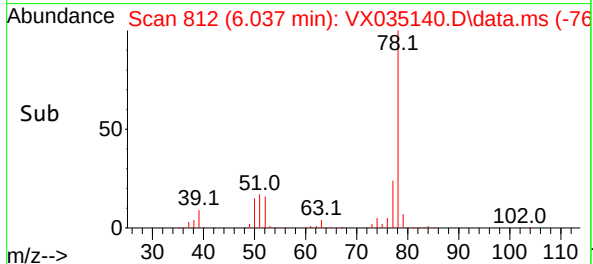
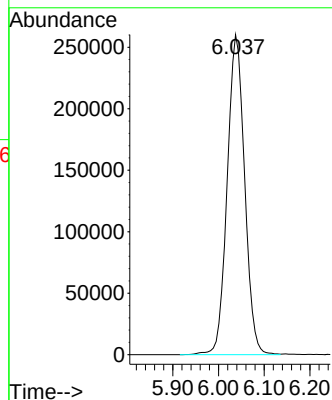
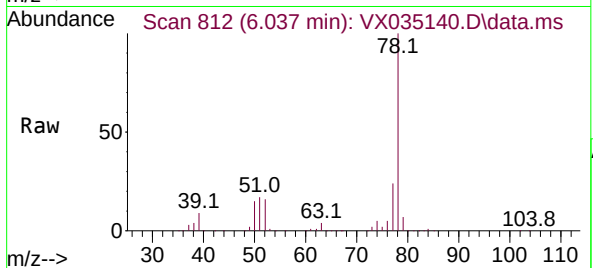




#33
Benzene
Concen: 52.077 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

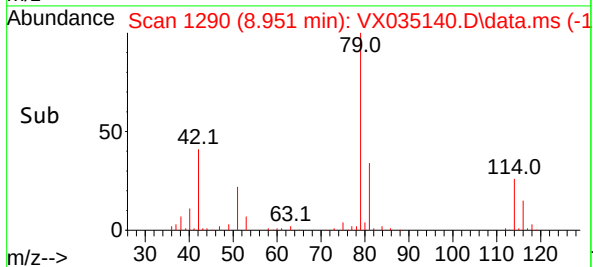
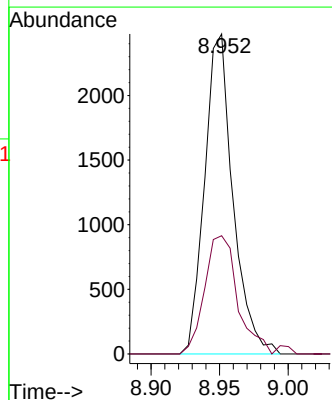
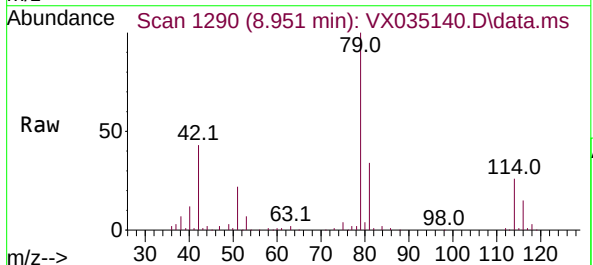
Instrument :
MSVOA_X
ClientSampleId :
COML6

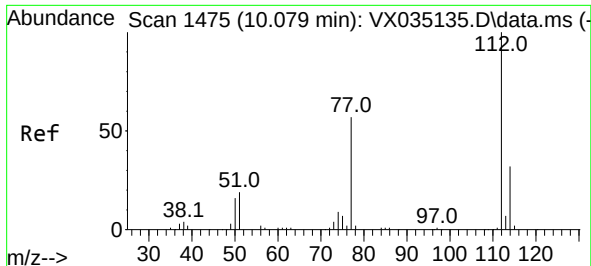
Tgt Ion: 78 Resp: 690169



#44
trans-1,3-Dichloropropene
Concen: 0.759 ug/L
RT: 8.951 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

Tgt Ion: 75 Resp: 3568
Ion Ratio Lower Upper
75 100
77 37.0 22.0 40.8

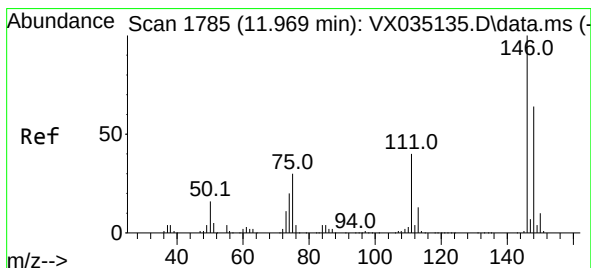
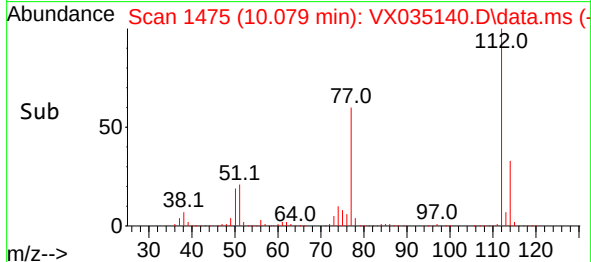
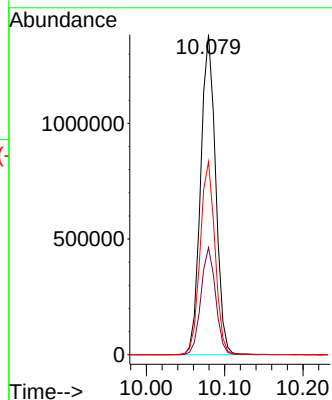
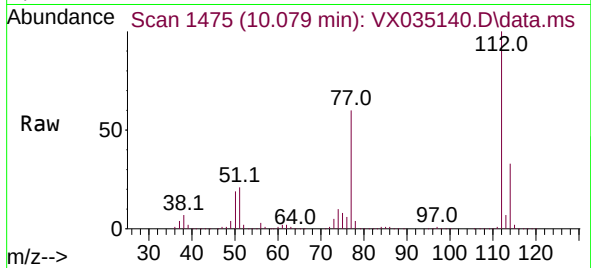




#51
Chlorobenzene
Concen: 202.826 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

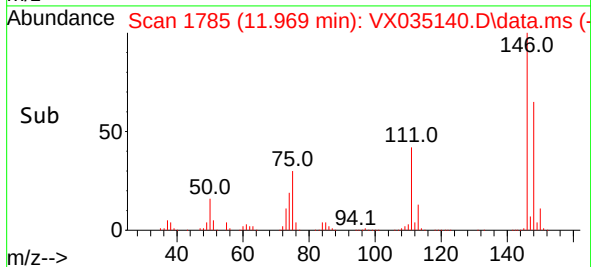
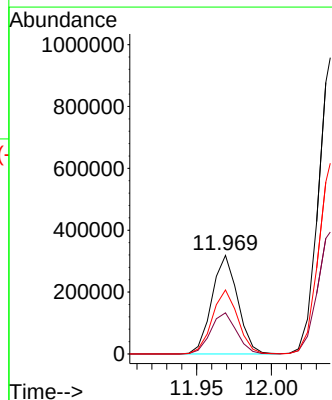
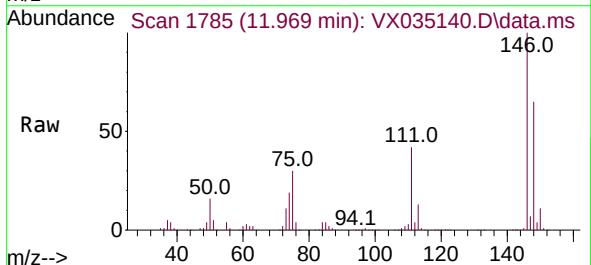
Instrument :
MSVOA_X
ClientSampleId :
COML6

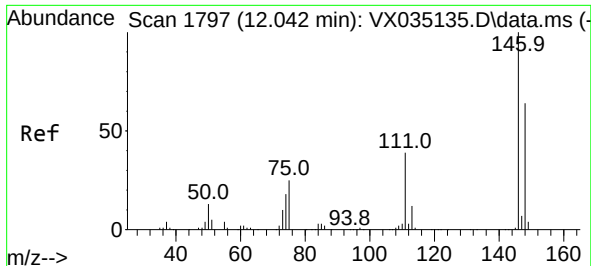
Tgt Ion:112 Resp: 1837338
Ion Ratio Lower Upper
112 100
114 33.4 22.4 41.6
77 60.3 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 58.513 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

Tgt Ion:146 Resp: 382888
Ion Ratio Lower Upper
146 100
111 41.7 28.9 53.7
148 64.9 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 188.271 ug/L

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035140.D

Acq: 18 Apr 2023 22:15

Instrument :

MSVOA_X

ClientSampleId :

COML6

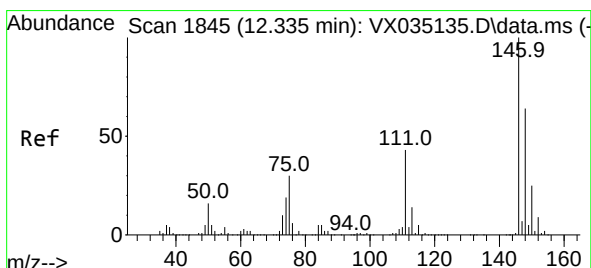
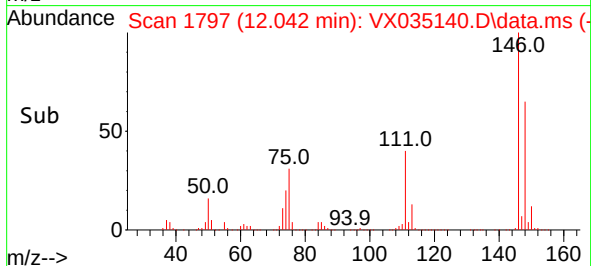
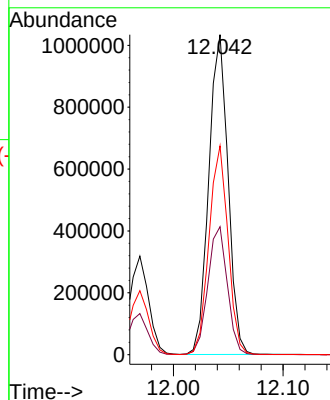
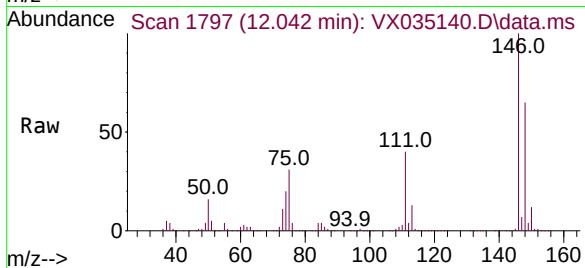
Tgt Ion:146 Resp: 1260633

Ion Ratio Lower Upper

146 100

111 40.0 27.9 51.7

148 65.2 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 222.461 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035140.D

Acq: 18 Apr 2023 22:15

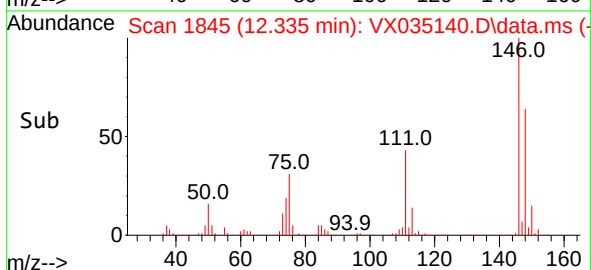
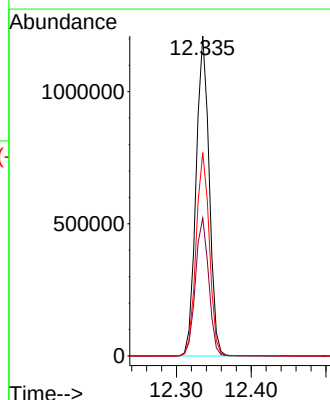
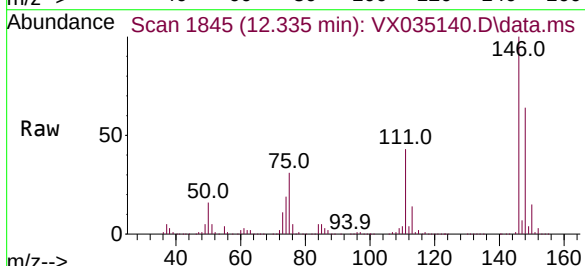
Tgt Ion:146 Resp: 1476008

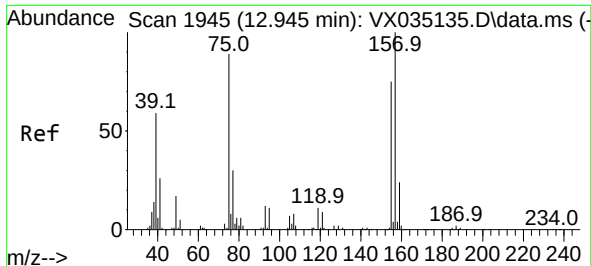
Ion Ratio Lower Upper

146 100

111 43.1 34.7 52.1

148 63.6 52.1 78.1





#68

1,2-Dibromo-3-chloropropane

Concen: 1.059 ug/L

RT: 12.920 min Scan# 1941

Delta R.T. -0.024 min

Lab File: VX035140.D

Acq: 18 Apr 2023 22:15

Instrument :

MSVOA_X

ClientSampleId :

COML6

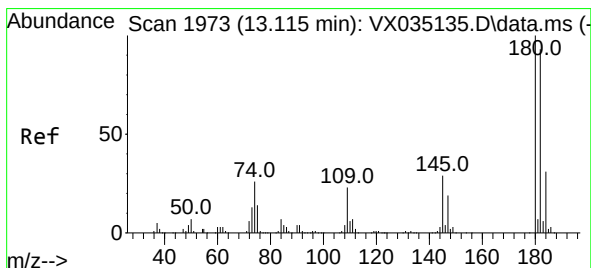
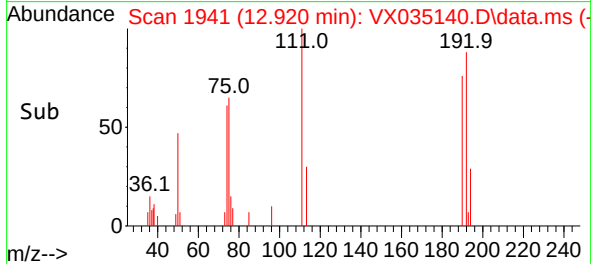
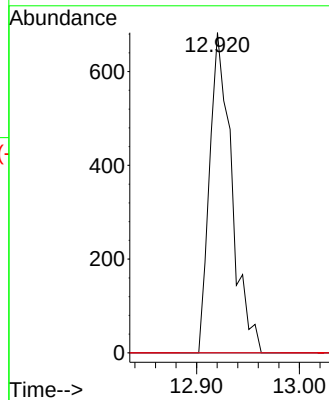
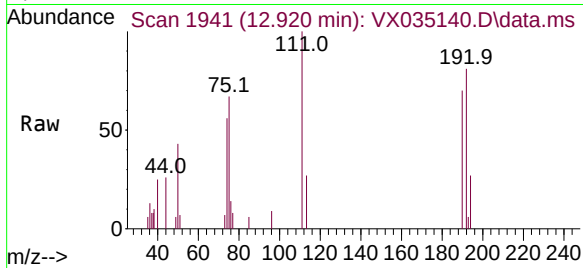
Tgt Ion: 75 Resp: 1018

Ion Ratio Lower Upper

75 100

155 0.0 69.9 104.9#

157 0.0 90.4 135.6#



#69

1,3,5-Trichlorobenzene

Concen: 139.180 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.476 min

Lab File: VX035140.D

Acq: 18 Apr 2023 22:15

Tgt Ion:180 Resp: 563030

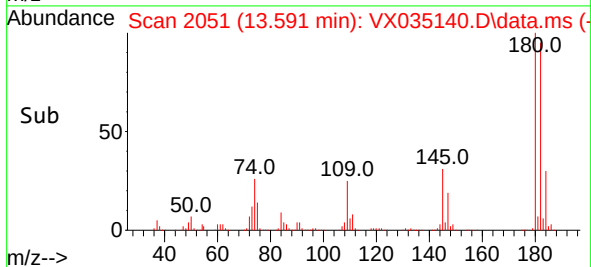
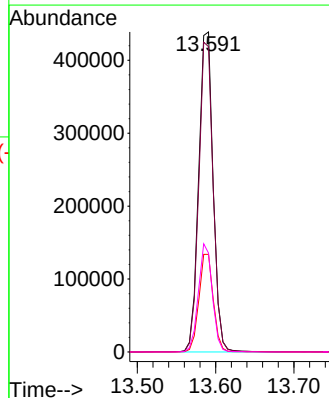
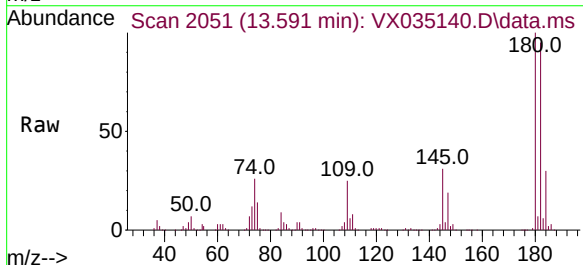
Ion Ratio Lower Upper

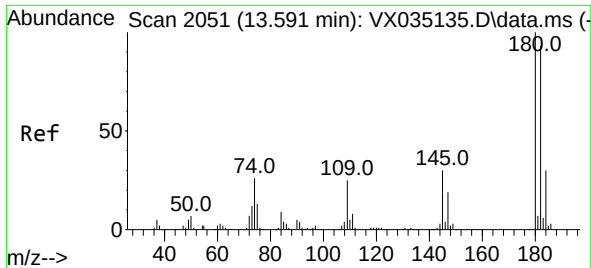
180 100

182 96.1 75.4 113.0

184 30.5 23.8 35.8

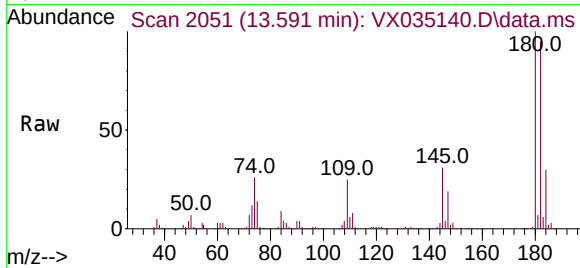
145 32.7 25.3 37.9



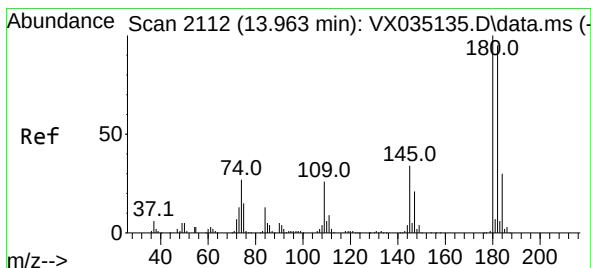
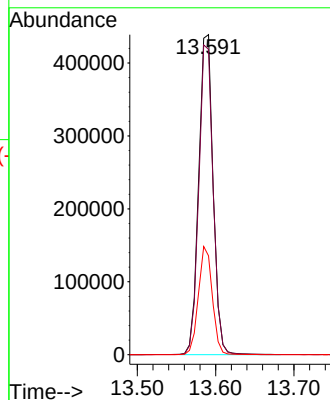
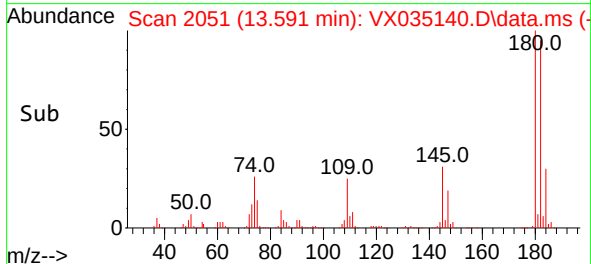


#70
1,2,4-trichlorobenzene
Concen: 148.639 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15

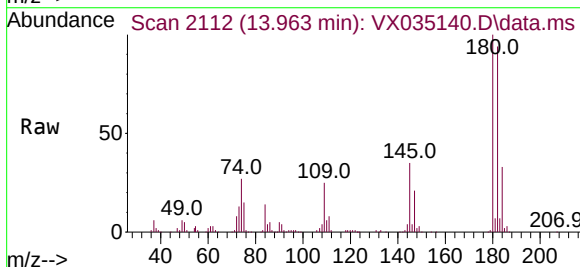
Instrument :
MSVOA_X
ClientSampleId :
COML6



Tgt Ion:180 Resp: 563030
Ion Ratio Lower Upper
180 100
182 96.1 76.6 114.8
145 32.7 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 29.749 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035140.D
Acq: 18 Apr 2023 22:15



Tgt Ion:180 Resp: 111244
Ion Ratio Lower Upper
180 100
182 95.5 75.0 112.6
145 34.3 27.1 40.7

