

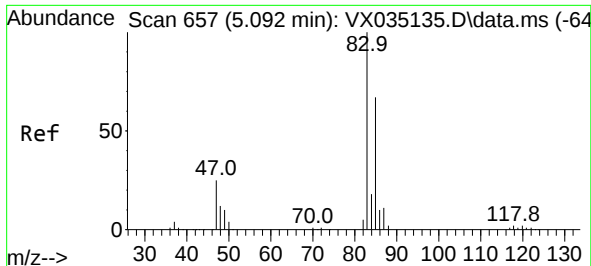
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035143.D
 Acq On : 18 Apr 2023 23:24
 Operator : JC/MD
 Sample : 02397-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML9

Quant Time: Apr 19 01:38:52 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	6.757	114	483750	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	424398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	206071	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	171159	54.873	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 109.740%		
7) Chloroethane-d5	1.672	69	132256	58.678	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 117.360%		
11) 1,1-Dichloroethene-d2	2.306	65	79631	53.354	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 106.700%		
21) 2-Butanone-d5	4.458	46	232448	111.827	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 111.830%		
24) Chloroform-d	5.056	84	313494	53.369	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 106.740%		
26) 1,2-Dichloroethane-d4	5.952	65	207928	55.121	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.240%		
32) Benzene-d6	5.970	84	675705	55.425	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.860%		
36) 1,2-Dichloropropane-d6	7.305	67	207615	55.750	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 111.500%		
41) Toluene-d8	8.646	98	610857	54.825	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 109.640%		
43) trans-1,3-Dichloroprop...	8.951	79	87741	53.913	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 107.820%		
47) 2-Hexanone-d5	9.384	63	170844	114.241	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 114.240%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	251882	55.229	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 110.460%		
66) 1,2-Dichlorobenzene-d4	12.323	152	218531	54.723	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 109.440%		
Target Compounds						Qvalue
25) Chloroform	5.086	83	18190	3.127	ug/L	96
31) Carbon tetrachloride	5.678	117	7550	1.789	ug/L	99
33) Benzene	6.037	78	290185	22.578	ug/L	100
51) Chlorobenzene	10.079	112	1843336	209.829	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	611344	95.662	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	1451079	221.899	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	1795919	277.154	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	555810	150.244	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	200958	55.026	ug/L	99

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



#25

Chloroform

Concen: 3.127 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX035143.D

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Instrument :

MSVOA_X

ClientSampleId :

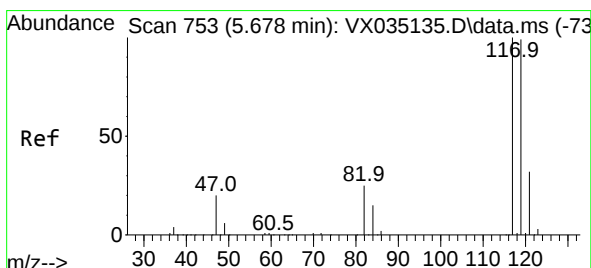
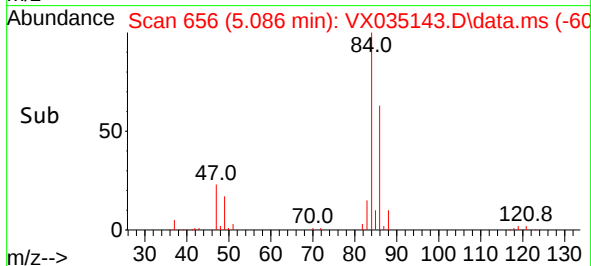
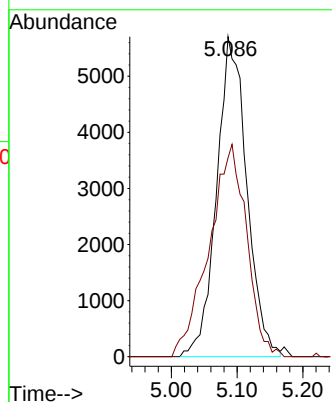
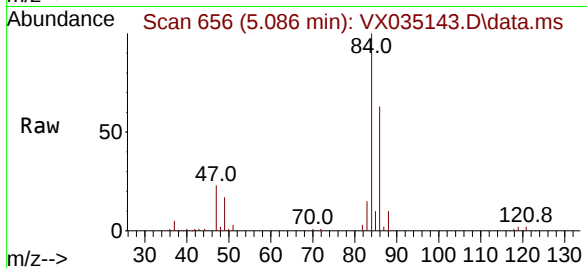
COML9

Tgt Ion: 83 Resp: 18190

Ion Ratio Lower Upper

83 100

85 62.1 46.0 85.4



#31

Carbon tetrachloride

Concen: 1.789 ug/L

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035143.D

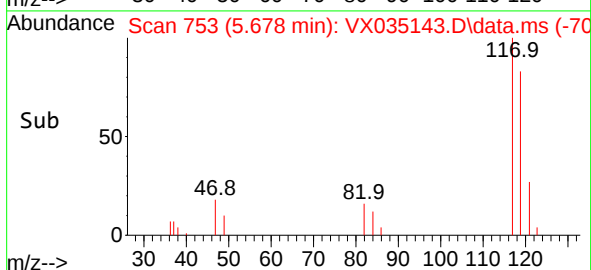
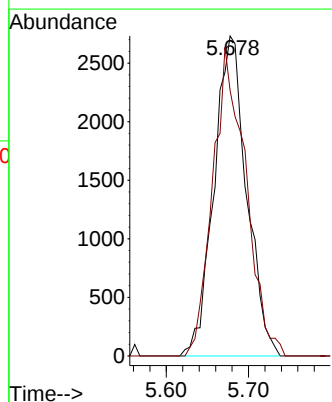
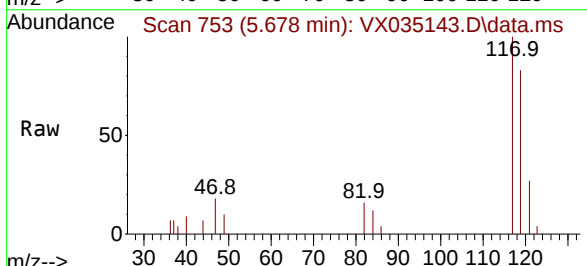
Acq: 18 Apr 2023 23:24

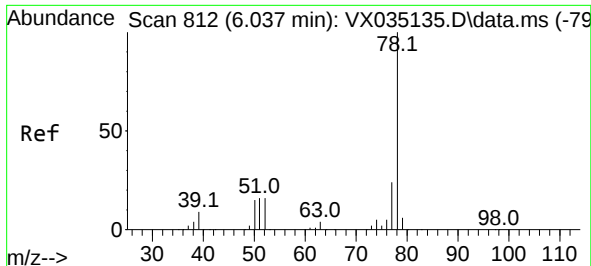
Tgt Ion: 117 Resp: 7550

Ion Ratio Lower Upper

117 100

119 97.4 77.1 115.7

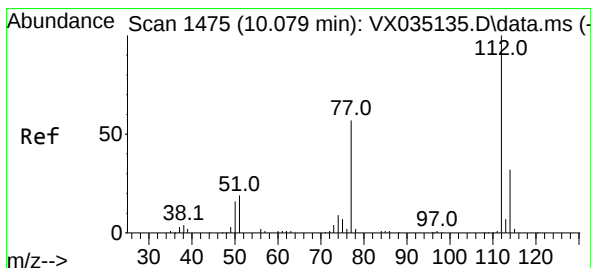
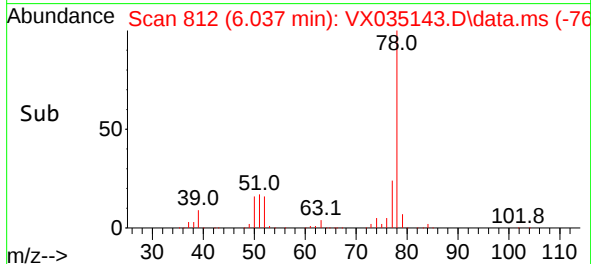
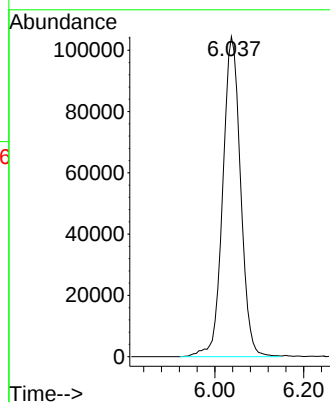
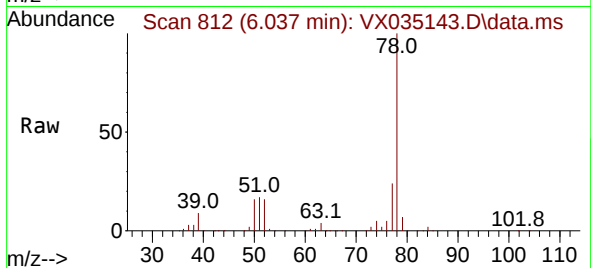




#33
Benzene
Concen: 22.578 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

Instrument :
MSVOA_X
ClientSampleId :
COML9

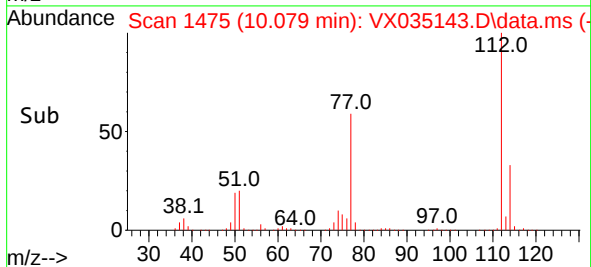
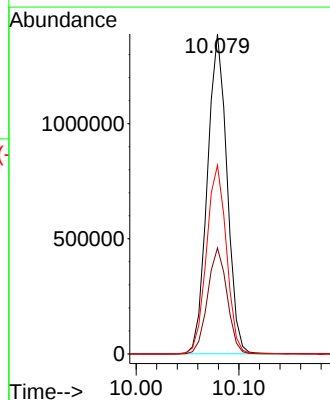
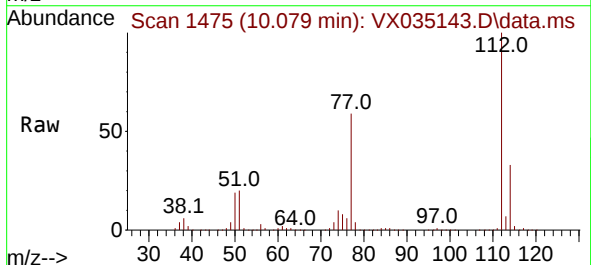
Tgt Ion: 78 Resp: 290185

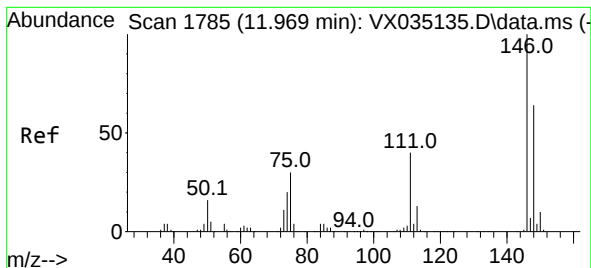


#51
Chlorobenzene
Concen: 209.829 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035143.D
Acq: 18 Apr 2023 23:24

Tgt Ion:112 Resp: 1843336

Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.4	41.6
77	59.0	47.0	70.6





#64

1,3-Dichlorobenzene

Concen: 95.662 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX035143.D

Acq: 18 Apr 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

COML9

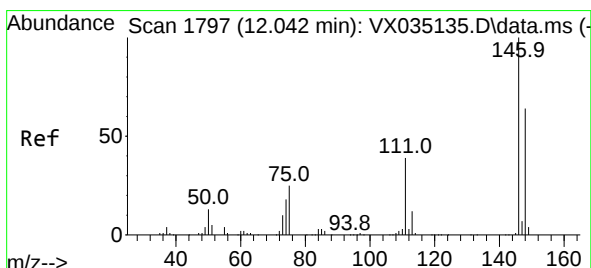
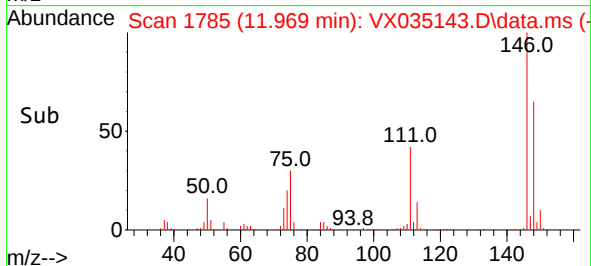
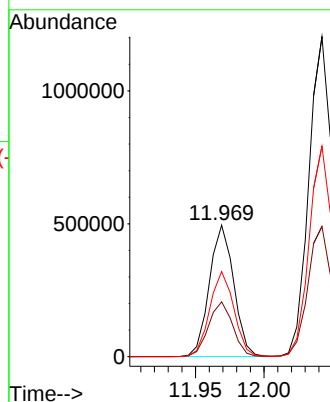
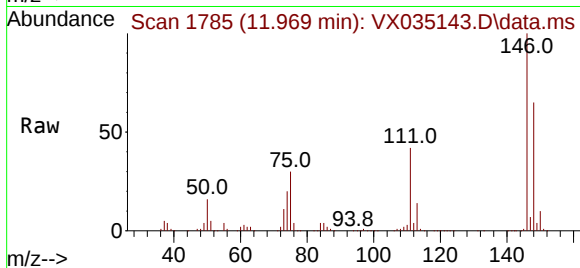
Tgt Ion:146 Resp: 611344

Ion Ratio Lower Upper

146 100

111 41.7 28.9 53.7

148 64.7 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 221.899 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX035143.D

Acq: 18 Apr 2023 23:24

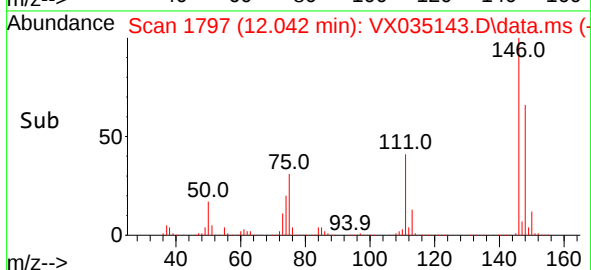
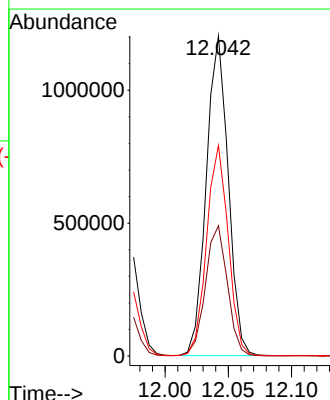
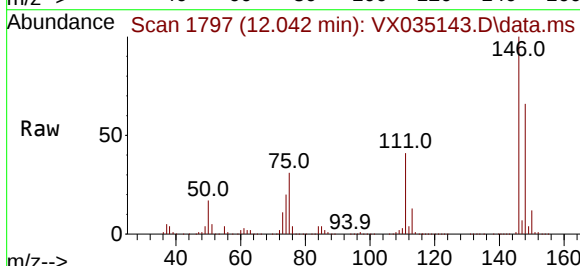
Tgt Ion:146 Resp: 1451079

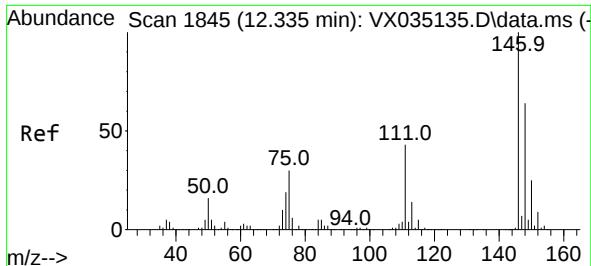
Ion Ratio Lower Upper

146 100

111 40.7 27.9 51.7

148 65.8 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 277.154 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035143.D

Acq: 18 Apr 2023 23:24

Instrument :

MSVOA_X

ClientSampleId :

COML9

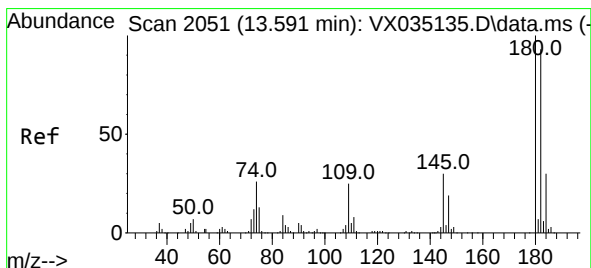
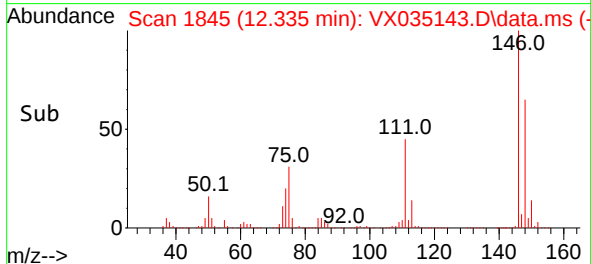
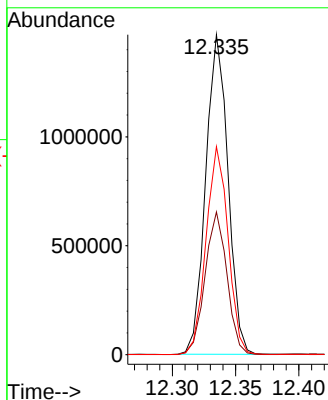
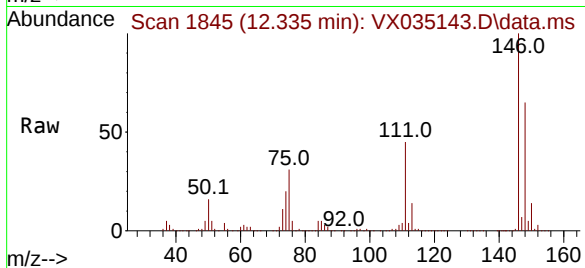
Tgt Ion:146 Resp: 1795919

Ion Ratio Lower Upper

146 100

111 44.6 34.7 52.1

148 65.0 52.1 78.1



#70

1,2,4-trichlorobenzene

Concen: 150.244 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX035143.D

Acq: 18 Apr 2023 23:24

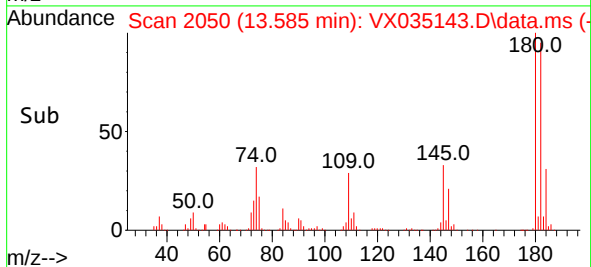
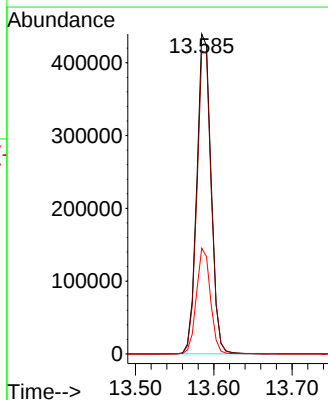
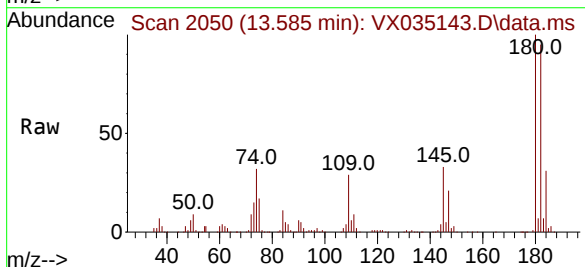
Tgt Ion:180 Resp: 555810

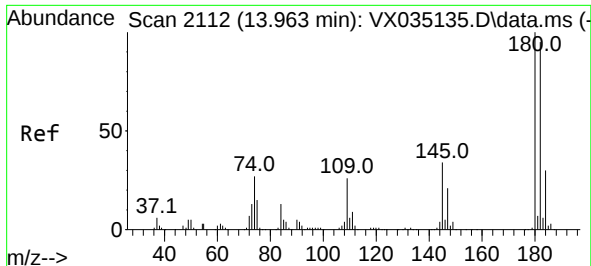
Ion Ratio Lower Upper

180 100

182 95.5 76.6 114.8

145 32.6 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 55.026 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX035143.D
 Acq: 18 Apr 2023 23:24

Instrument :
 MSVOA_X
 ClientSampleId :
 COML9

Tgt Ion:180 Resp: 200958
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.0 112.6
 145 34.2 27.1 40.7

