

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035168.D
 Acq On : 19 Apr 2023 14:43
 Operator : JC/MD
 Sample : 02397-10DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

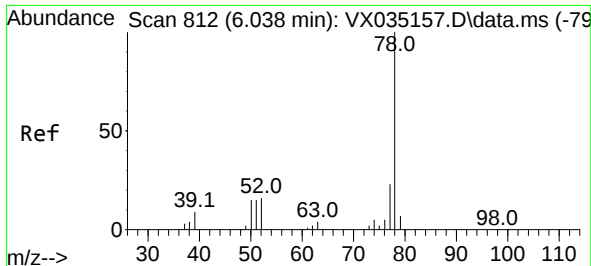
Instrument :
 MSVOA_X
 ClientSampleId :
 COMM2DL

Quant Time: Apr 20 02:56:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:36:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	488924	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	427268	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	204007	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	140086	44.435	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.880%	
7) Chloroethane-d5	1.673	69	111604	48.992	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	97.980%	
11) 1,1-Dichloroethene-d2	2.307	65	70200	46.538	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.080%	
21) 2-Butanone-d5	4.465	46	227311	108.198	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	108.200%	
24) Chloroform-d	5.056	84	286606	48.275	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.540%	
26) 1,2-Dichloroethane-d4	5.952	65	192782	50.565	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.140%	
32) Benzene-d6	5.971	84	624552	50.885	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.780%	
36) 1,2-Dichloropropane-d6	7.306	67	192496	51.343	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.680%	
41) Toluene-d8	8.647	98	561501	50.057	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.120%	
43) trans-1,3-Dichloroprop...	8.952	79	73502	44.860	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	89.720%	
47) 2-Hexanone-d5	9.385	63	159637	106.030	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	106.030%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	233370	50.826	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.660%	
66) 1,2-Dichlorobenzene-d4	12.317	152	203037	51.357	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.720%	
Target Compounds						
					Qvalue	
33) Benzene	6.038	78	127583	9.860	ug/L	100
51) Chlorobenzene	10.080	112	1084428	122.613	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	57725	9.124	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	331204	51.160	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	517732	80.707	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	84562	23.090	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	25538	7.063	ug/L	95

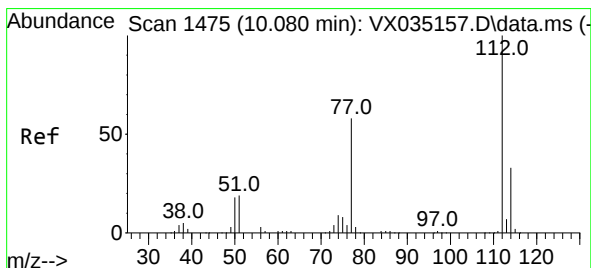
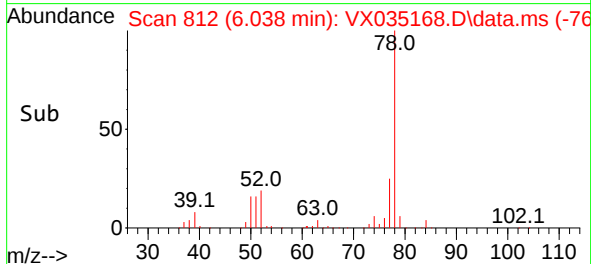
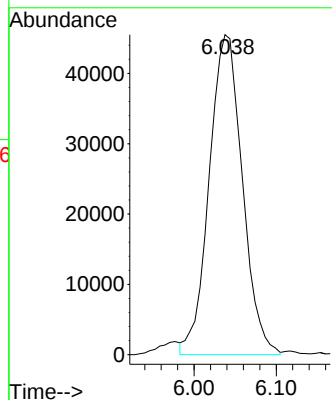
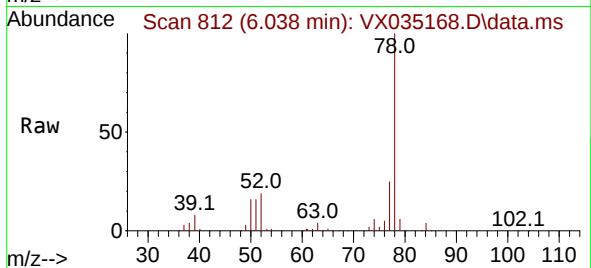
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#33
Benzene
Concen: 9.860 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035168.D
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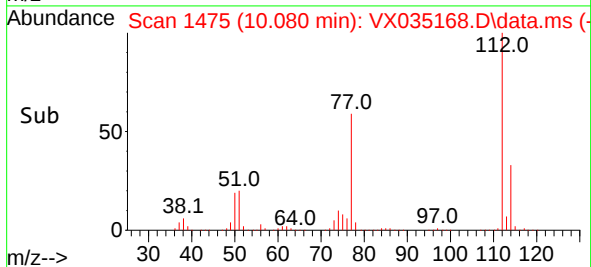
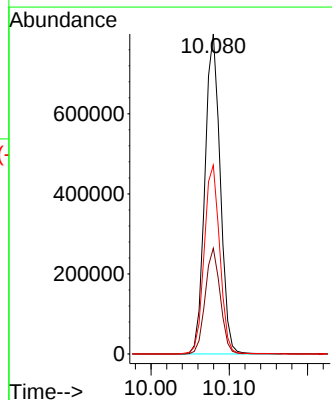
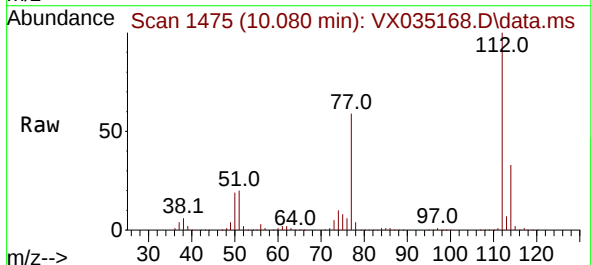
Tgt Ion: 78 Resp: 127583

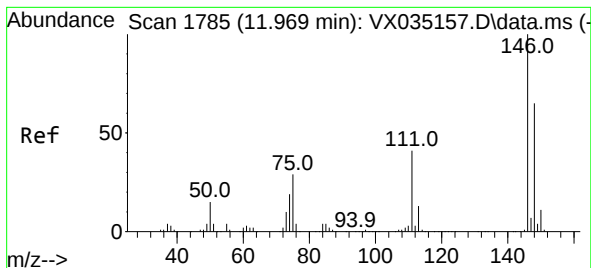


#51
Chlorobenzene
Concen: 122.613 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035168.D
Acq: 19 Apr 2023 14:43

Tgt Ion:112 Resp: 1084428

Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.4	41.6
77	59.0	47.0	70.6





#64

1,3-Dichlorobenzene

Concen: 9.124 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035168.D

Acq: 19 Apr 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

COMM2DL

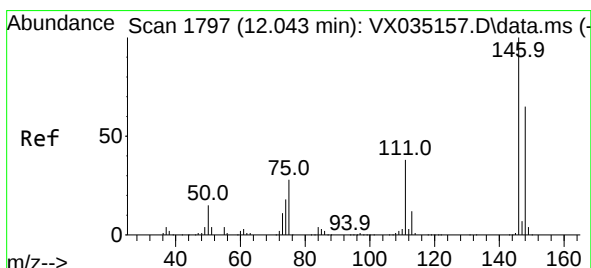
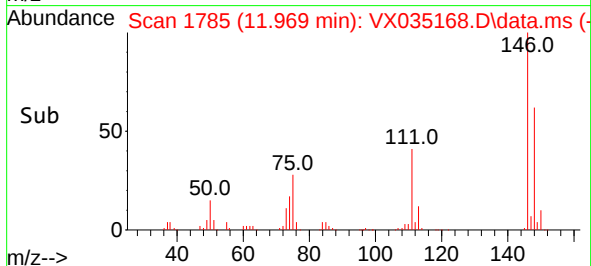
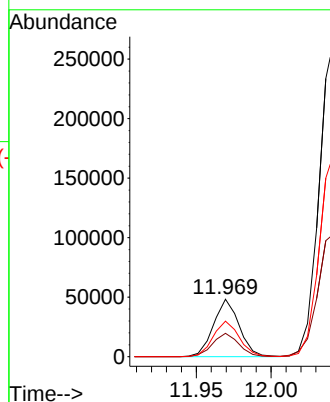
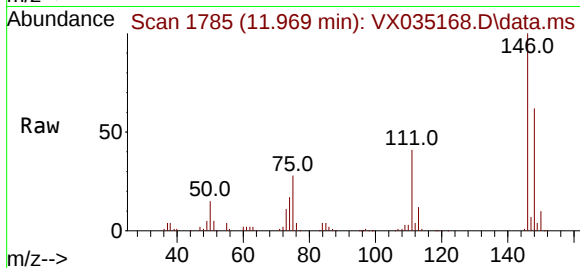
Tgt Ion:146 Resp: 57725

Ion Ratio Lower Upper

146 100

111 40.8 28.9 53.7

148 61.7 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 51.160 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035168.D

Acq: 19 Apr 2023 14:43

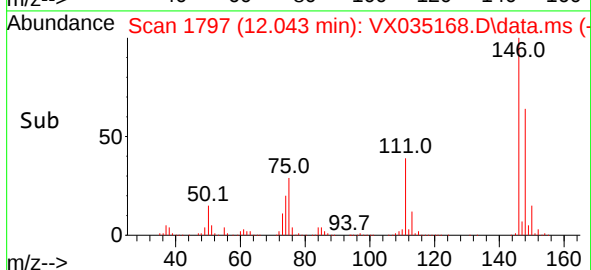
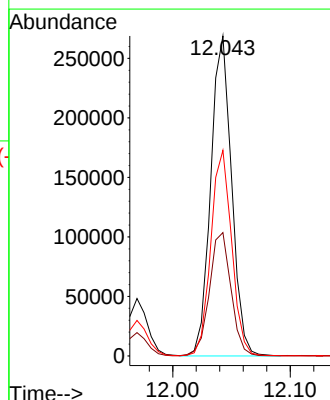
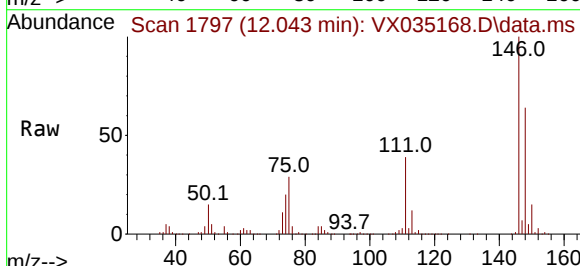
Tgt Ion:146 Resp: 331204

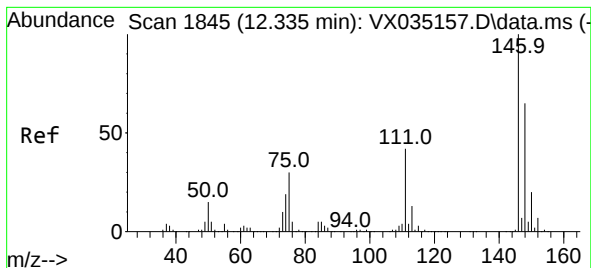
Ion Ratio Lower Upper

146 100

111 38.6 27.9 51.7

148 64.2 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 80.707 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035168.D

Acq: 19 Apr 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

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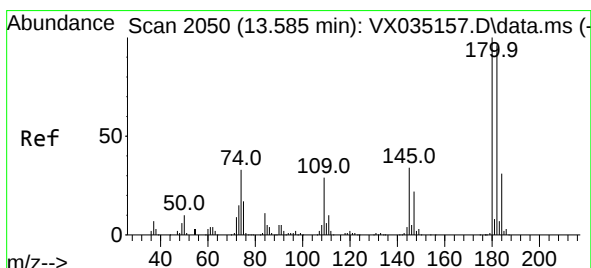
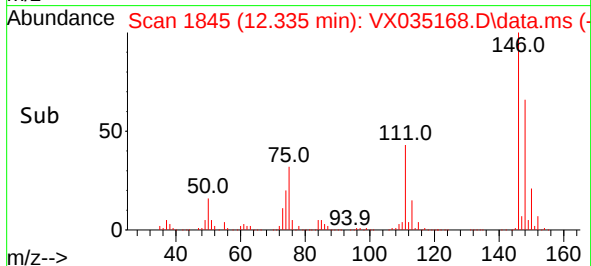
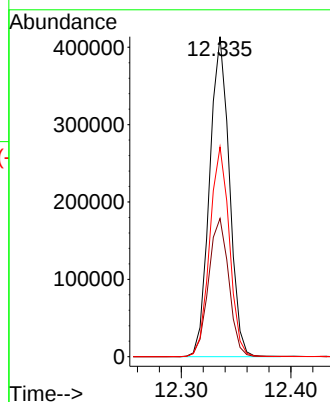
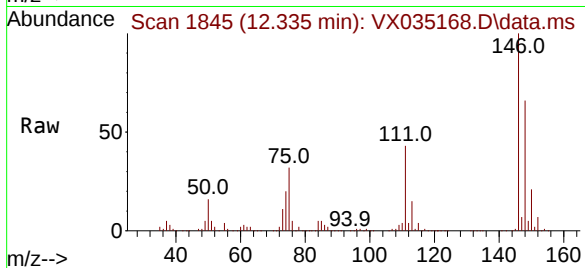
Tgt Ion:146 Resp: 517732

Ion Ratio Lower Upper

146 100

111 43.2 34.7 52.1

148 65.6 52.1 78.1



#70

1,2,4-trichlorobenzene

Concen: 23.090 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035168.D

Acq: 19 Apr 2023 14:43

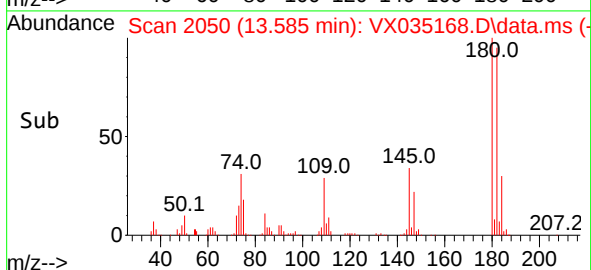
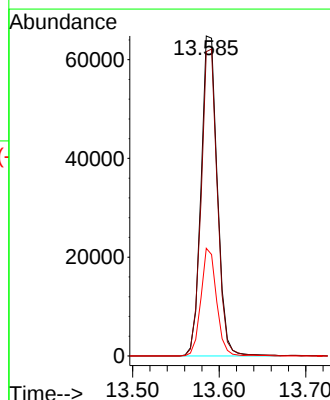
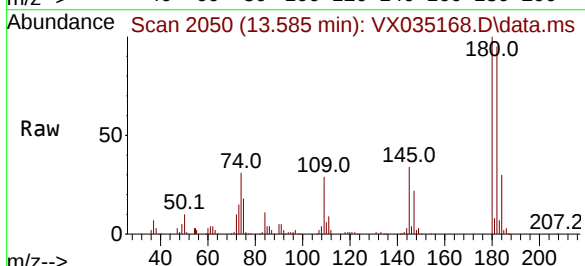
Tgt Ion:180 Resp: 84562

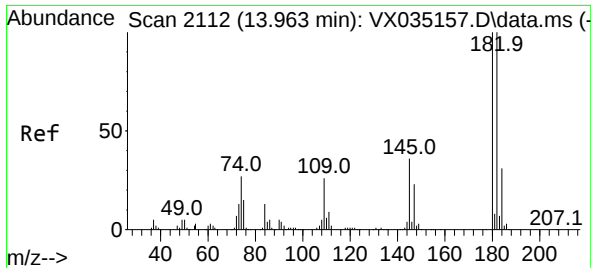
Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

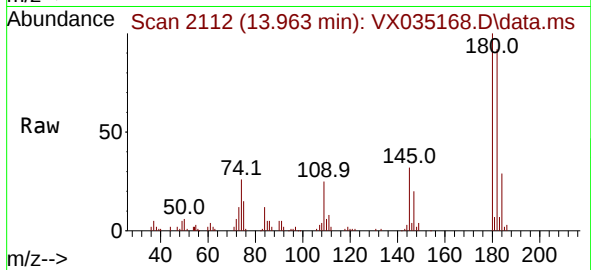
145 32.1 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 7.063 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX035168.D
 Acq: 19 Apr 2023 14:43

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM2DL



Tgt Ion:180 Resp: 25538
 Ion Ratio Lower Upper
 180 100
 182 99.9 75.0 112.6
 145 34.1 27.1 40.7

