

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035211.D
 Acq On : 20 Apr 2023 13:30
 Operator : JC/MD
 Sample : 02378-19DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:29:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

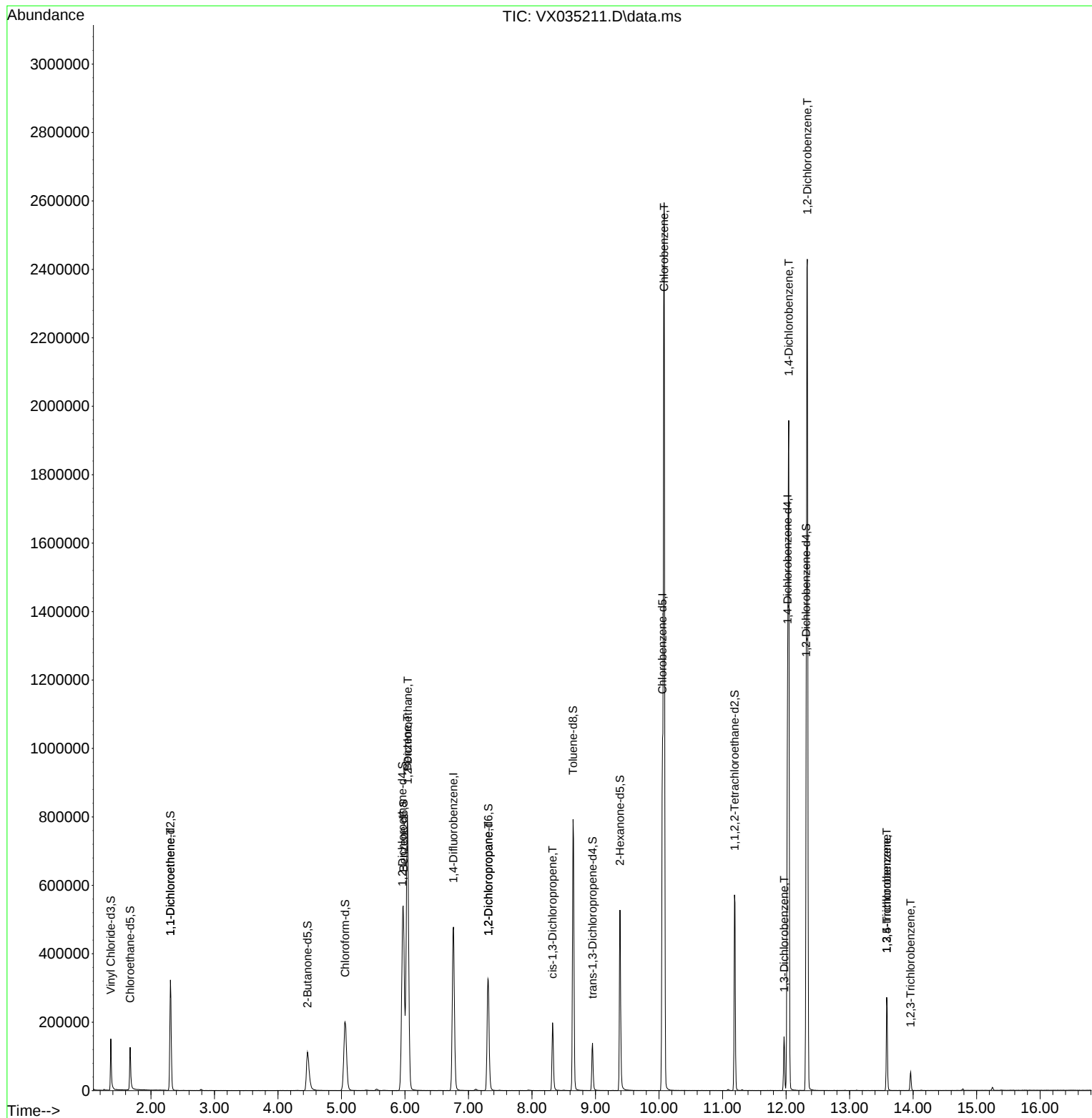
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	497998	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	430672	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	210250	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	103581	32.257	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	64.520%	
7) Chloroethane-d5	1.672	69	87889	37.878	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	75.760%	
11) 1,1-Dichloroethene-d2	2.306	65	54654	35.572	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.140%	
21) 2-Butanone-d5	4.465	46	217115	101.462	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.460%	
24) Chloroform-d	5.056	84	260892	43.143	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.280%	
26) 1,2-Dichloroethane-d4	5.958	65	177341	45.668	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.340%	
32) Benzene-d6	5.976	84	542001	43.810	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.620%	
36) 1,2-Dichloropropane-d6	7.312	67	173358	45.873	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.740%	
41) Toluene-d8	8.647	98	472206	41.763	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.520%	
43) trans-1,3-Dichloroprop...	8.952	79	65207	39.483	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.960%	
47) 2-Hexanone-d5	9.384	63	153380	101.069	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.070%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	222003	47.968	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.940%	
66) 1,2-Dichlorobenzene-d4	12.317	152	185287	45.476	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.960%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1564	0.526	ug/L #	1
27) 1,2-Dichloroethane	6.044	62	4722	0.985	ug/L #	73
33) Benzene	6.037	78	978300	75.009	ug/L	100
37) 1,2-Dichloropropane	7.312	63	19241	5.603	ug/L #	86
39) cis-1,3-Dichloropropene	8.324	75	4352	0.848	ug/L #	53
51) Chlorobenzene	10.079	112	1132544	127.041	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	51137	7.843	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	616092	92.340	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	727384	110.022	ug/L	100
69) 1,3,5-Trichlorobenzene	13.585	180	66997	16.621	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	66997	17.750	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	13053	3.503	ug/L	96

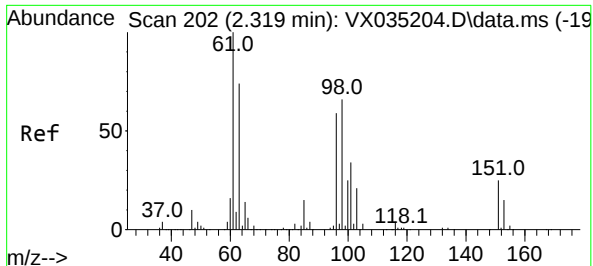
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 23:29:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.526 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX035211.D

Acq: 20 Apr 2023 13:30

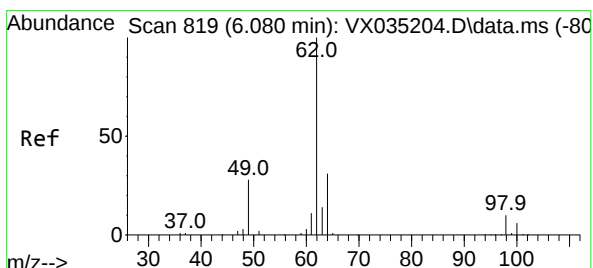
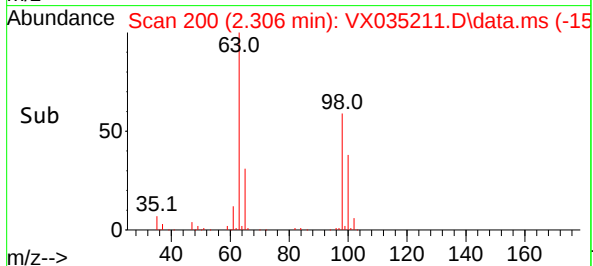
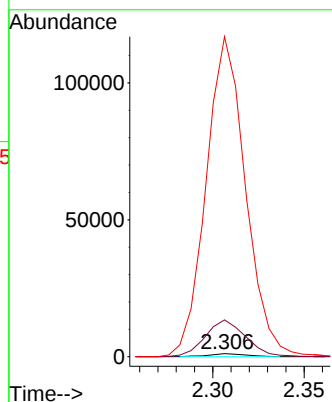
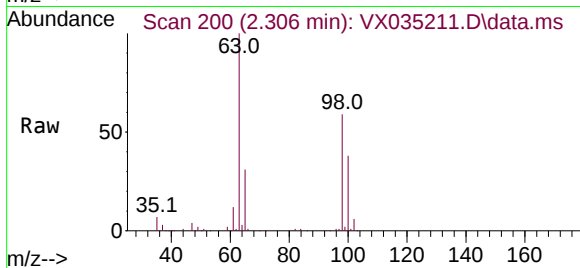
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 1564

Ion	Ratio	Lower	Upper
96	100		
61	1206.2	119.0	221.0#
63	10483.9	91.0	169.0#



#27

1,2-Dichloroethane

Concen: 0.985 ug/L

RT: 6.044 min Scan# 813

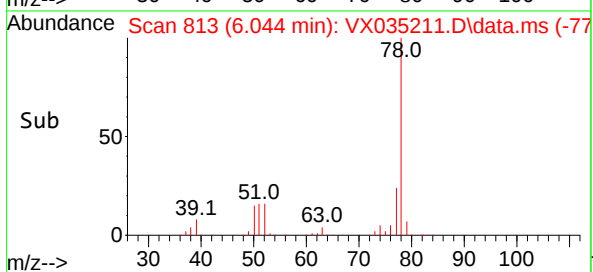
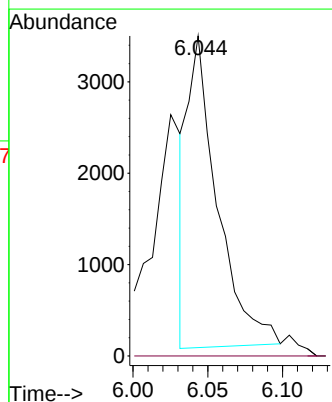
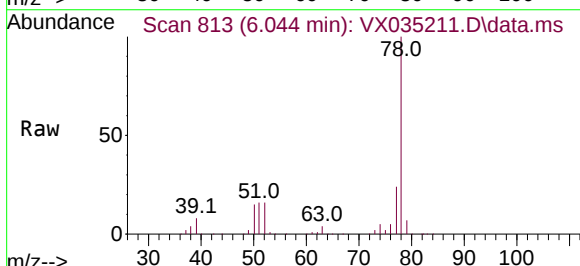
Delta R.T. -0.037 min

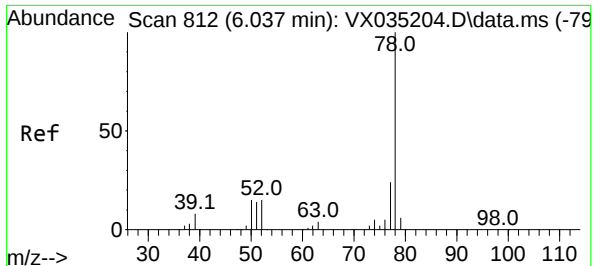
Lab File: VX035211.D

Acq: 20 Apr 2023 13:30

Tgt Ion: 62 Resp: 4722

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

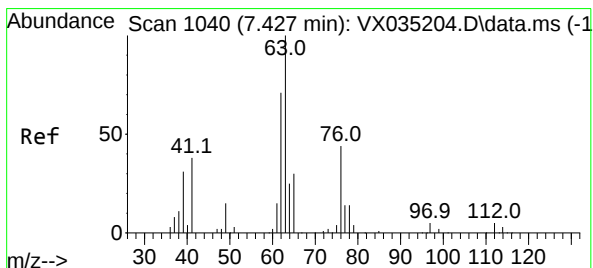
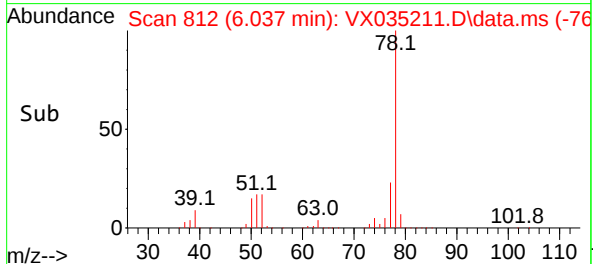
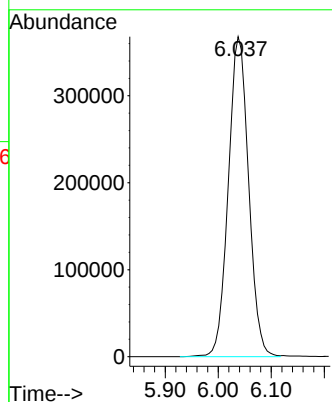
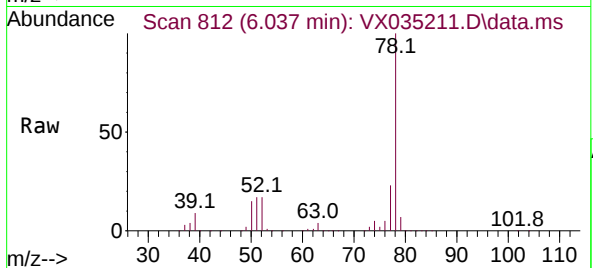




#33
Benzene
Concen: 75.009 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035211.D
Acq: 20 Apr 2023 13:30

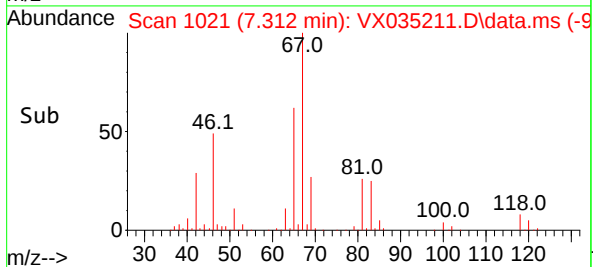
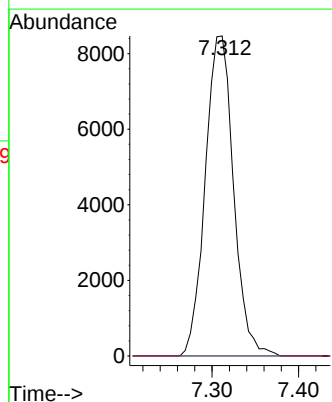
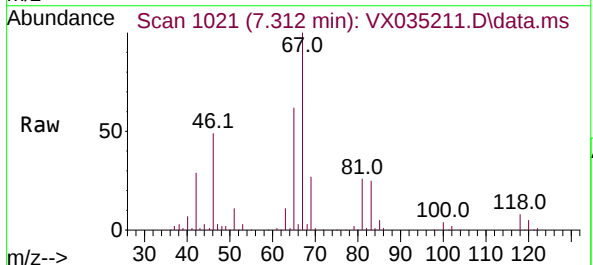
Instrument :
MSVOA_X
ClientSampleId :

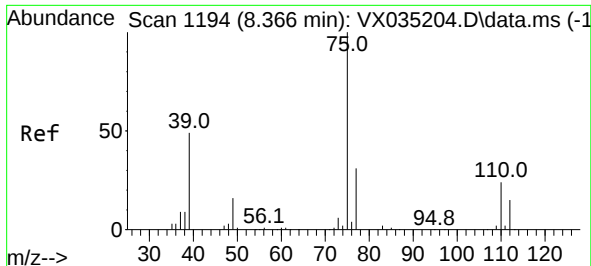
Tgt Ion: 78 Resp: 978300



#37
1,2-Dichloropropane
Concen: 5.603 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.116 min
Lab File: VX035211.D
Acq: 20 Apr 2023 13:30

Tgt Ion: 63 Resp: 19241
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.848 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX035211.D

Acq: 20 Apr 2023 13:30

Instrument :

MSVOA_X

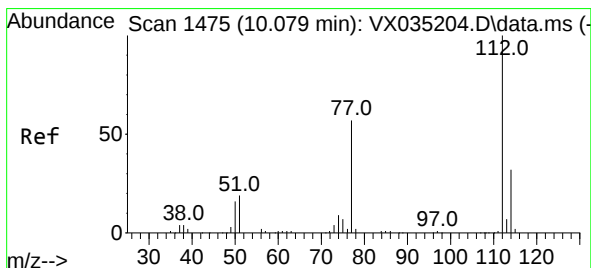
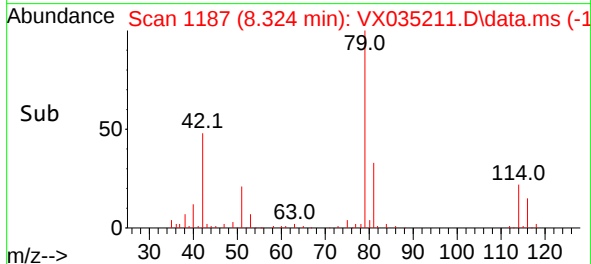
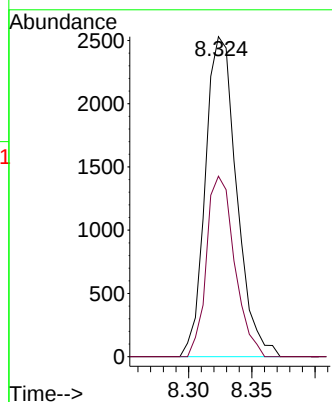
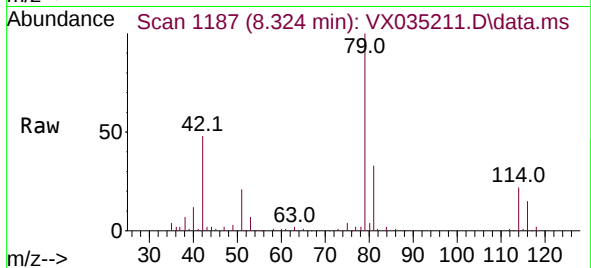
ClientSampleId :

Tgt Ion: 75 Resp: 4352

Ion Ratio Lower Upper

75 100

77 56.4 21.4 39.8#



#51

Chlorobenzene

Concen: 127.041 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX035211.D

Acq: 20 Apr 2023 13:30

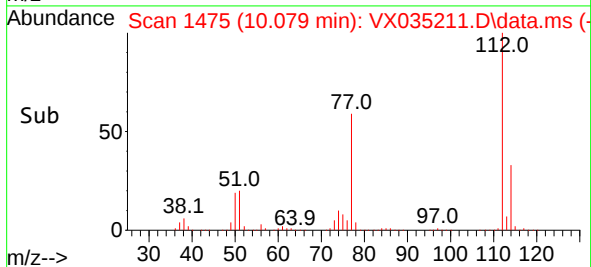
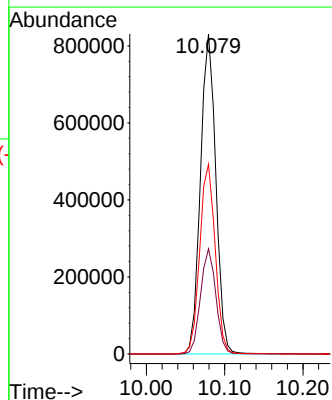
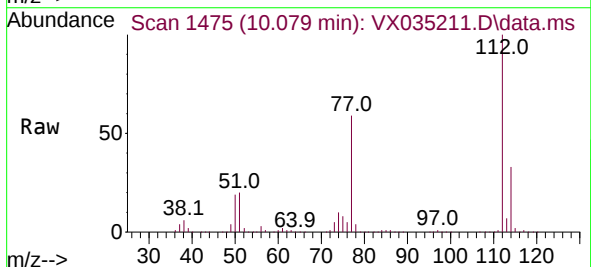
Tgt Ion: 112 Resp: 1132544

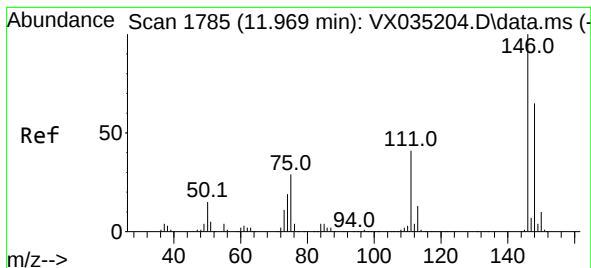
Ion Ratio Lower Upper

112 100

114 32.8 22.4 41.6

77 59.3 47.0 70.6





#64

1,3-Dichlorobenzene

Concen: 7.843 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX035211.D

Acq: 20 Apr 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

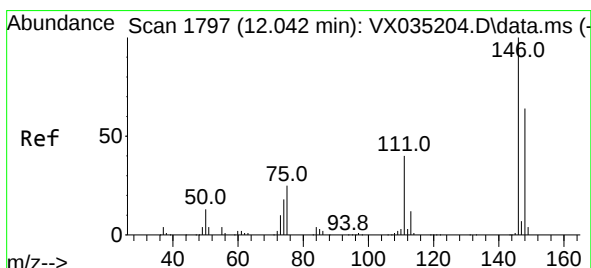
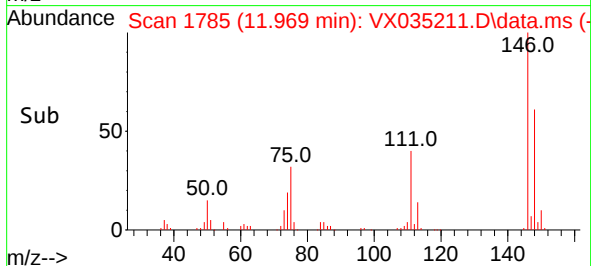
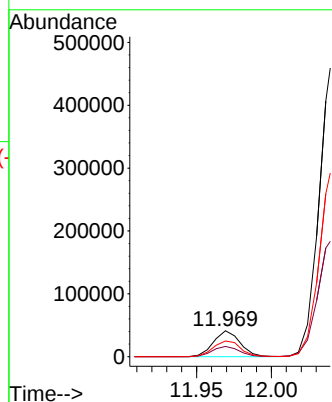
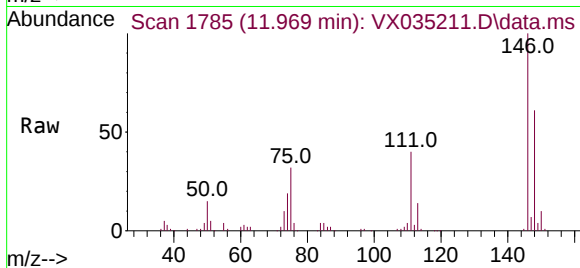
Tgt Ion:146 Resp: 51137

Ion Ratio Lower Upper

146 100

111 39.7 28.9 53.7

148 60.5 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 92.340 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035211.D

Acq: 20 Apr 2023 13:30

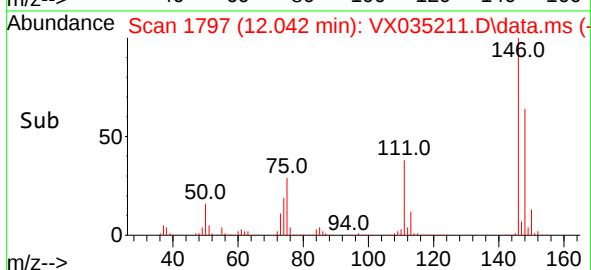
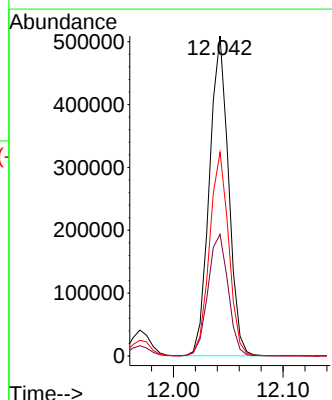
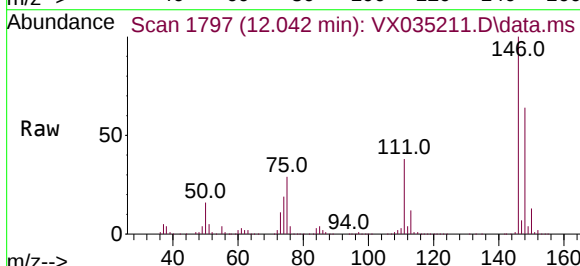
Tgt Ion:146 Resp: 616092

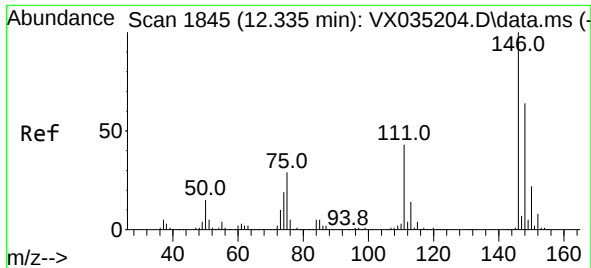
Ion Ratio Lower Upper

146 100

111 38.0 27.9 51.7

148 63.6 45.9 85.3

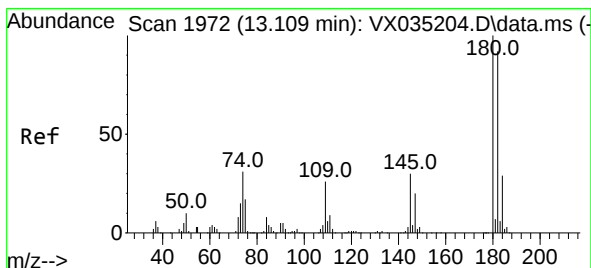
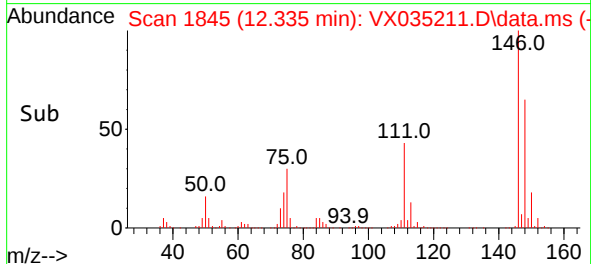
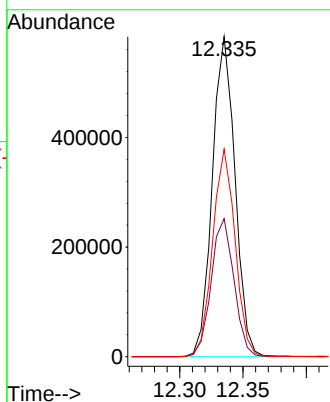
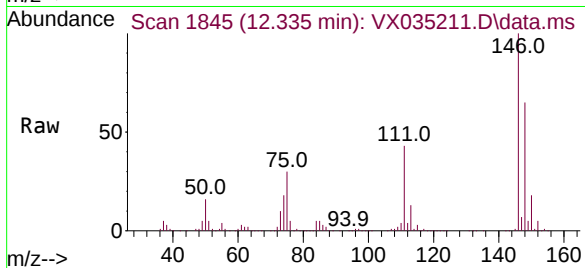




#67
1,2-Dichlorobenzene
Concen: 110.022 ug/L
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035211.D
Acq: 20 Apr 2023 13:30

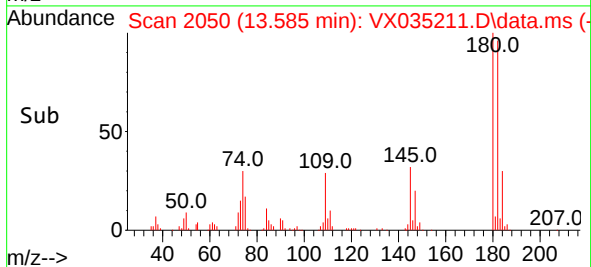
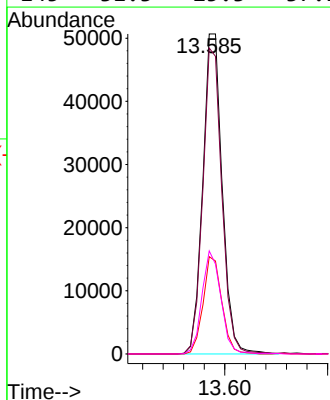
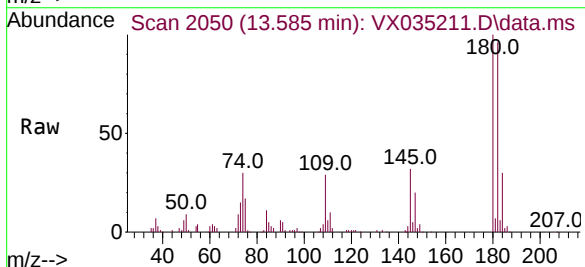
Instrument :
MSVOA_X
ClientSampleId :

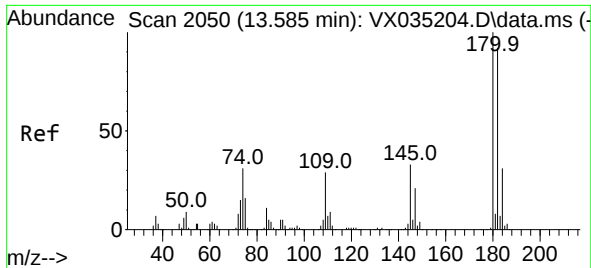
Tgt Ion:146 Resp: 727384
Ion Ratio Lower Upper
146 100
111 43.1 34.7 52.1
148 64.9 52.1 78.1



#69
1,3,5-Trichlorobenzene
Concen: 16.621 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.476 min
Lab File: VX035211.D
Acq: 20 Apr 2023 13:30

Tgt Ion:180 Resp: 66997
Ion Ratio Lower Upper
180 100
182 93.5 75.4 113.0
184 29.3 23.8 35.8
145 31.3 25.3 37.9

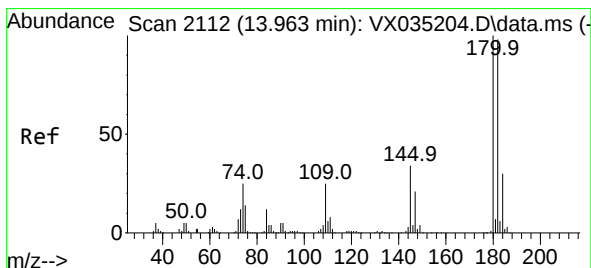
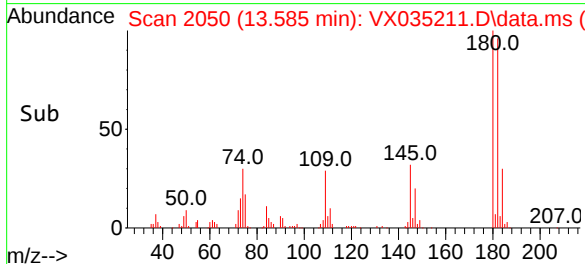
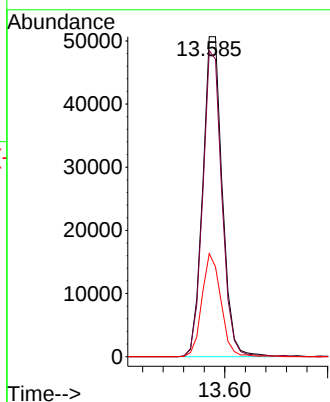
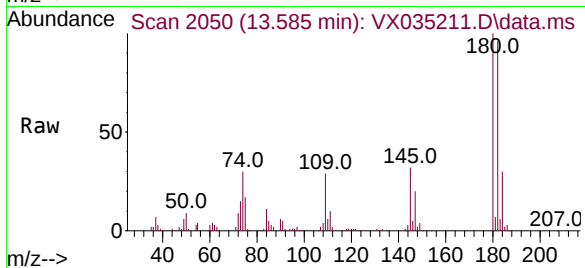




#70
1,2,4-trichlorobenzene
Concen: 17.750 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035211.D
Acq: 20 Apr 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 66997
Ion Ratio Lower Upper
180 100
182 93.5 76.6 114.8
145 31.3 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 3.503 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035211.D
Acq: 20 Apr 2023 13:30

Tgt Ion:180 Resp: 13053
Ion Ratio Lower Upper
180 100
182 98.1 75.0 112.6
145 34.9 27.1 40.7

