

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035212.D
 Acq On : 20 Apr 2023 13:53
 Operator : JC/MD
 Sample : 02378-12DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:29:30 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)

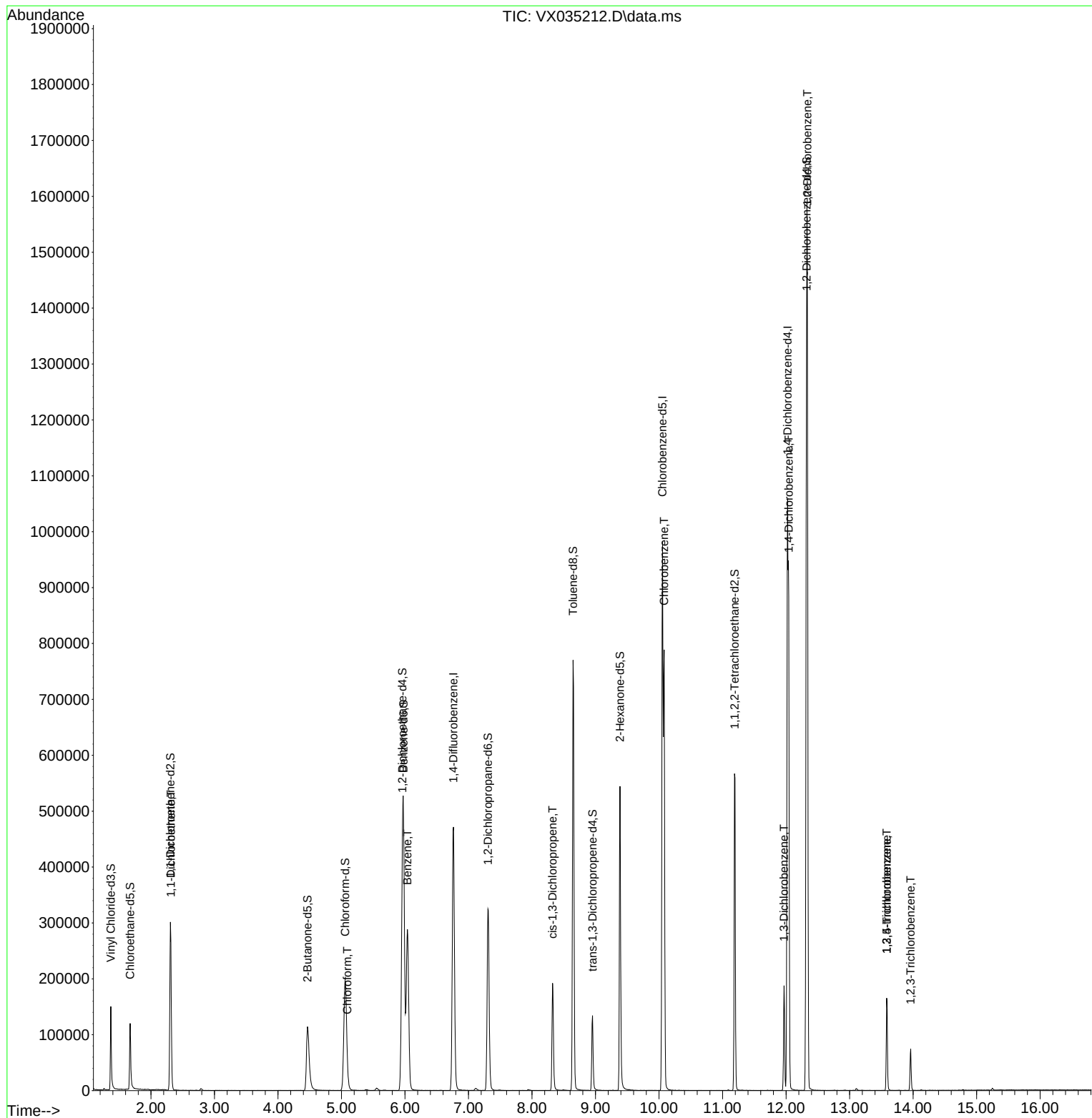
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	490302	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	429167	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	206505	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102518	32.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.860%		
7) Chloroethane-d5	1.672	69	87523	38.313	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.620%		
11) 1,1-Dichloroethene-d2	2.306	65	55129	36.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.880%		
21) 2-Butanone-d5	4.465	46	223297	105.989	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.990%		
24) Chloroform-d	5.056	84	255635	42.937	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.880%		
26) 1,2-Dichloroethane-d4	5.958	65	173996	45.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.020%		
32) Benzene-d6	5.977	84	526048	42.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.340%		
36) 1,2-Dichloropropane-d6	7.306	67	170161	45.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.380%		
41) Toluene-d8	8.647	98	459124	40.749	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.500%		
43) trans-1,3-Dichloroprop...	8.952	79	63756	38.740	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.480%		
47) 2-Hexanone-d5	9.384	63	154432	102.119	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.120%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	224622	48.704	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.400%		
66) 1,2-Dichlorobenzene-d4	12.323	152	181328	45.311	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.620%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	1545	0.527	ug/L #	1
25) Chloroform	5.093	83	12252	2.078	ug/L	92
33) Benzene	6.037	78	358750	27.603	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	4192	0.819	ug/L #	55
51) Chlorobenzene	10.079	112	339545	38.221	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	58567	9.145	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	271482	41.428	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	434049	66.844	ug/L	99
69) 1,3,5-Trichlorobenzene	13.585	180	38932	9.833	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	38932	10.502	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	17489	4.779	ug/L	99

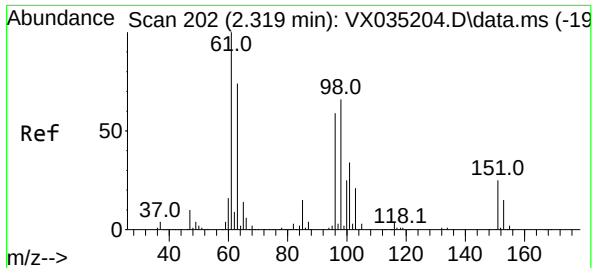
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

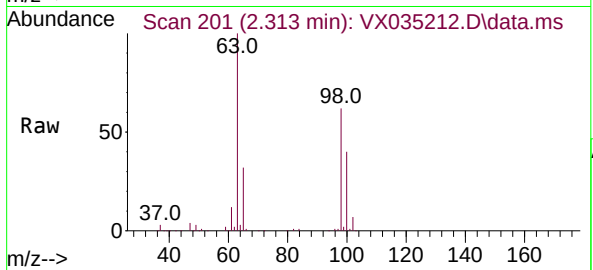
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration



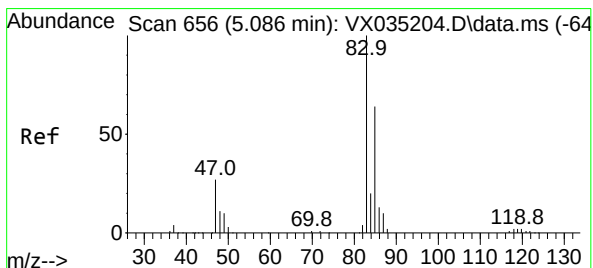
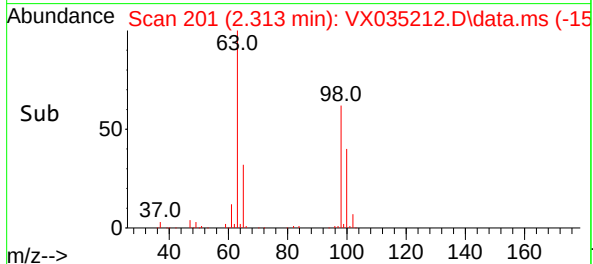
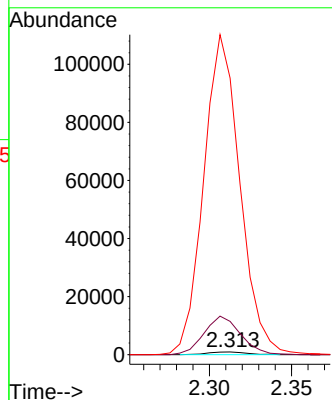


#12
1,1-Dichloroethene
Concen: 0.527 ug/L
RT: 2.313 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX035212.D
Acq: 20 Apr 2023 13:53

Instrument :
MSVOA_X
ClientSampleId :

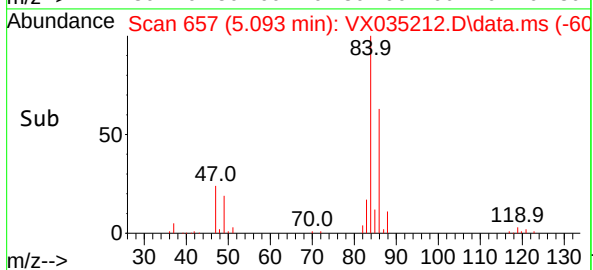
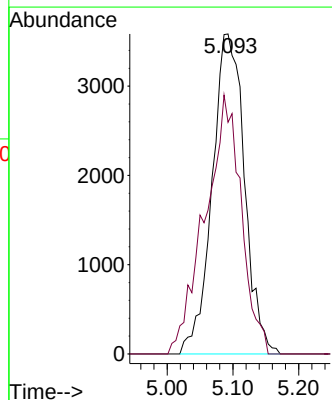
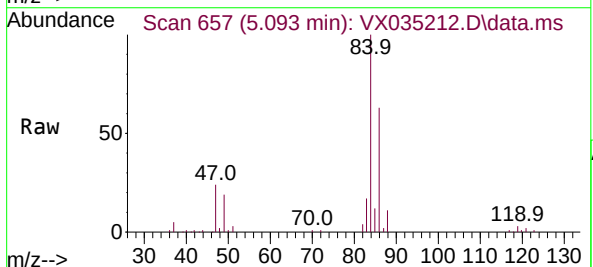


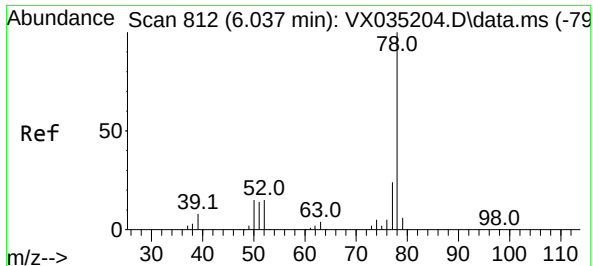
Tgt Ion: 96 Resp: 1545
Ion Ratio Lower Upper
96 100
61 1240.9 119.0 221.0#
63 10297.1 91.0 169.0#



#25
Chloroform
Concen: 2.078 ug/L
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX035212.D
Acq: 20 Apr 2023 13:53

Tgt Ion: 83 Resp: 12252
Ion Ratio Lower Upper
83 100
85 72.4 46.0 85.4

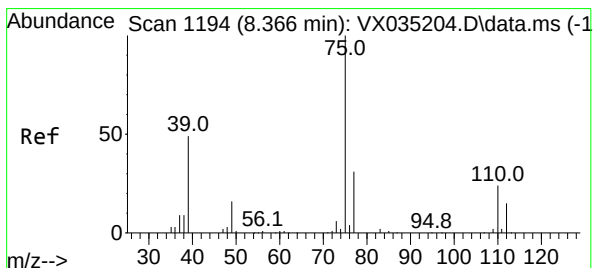
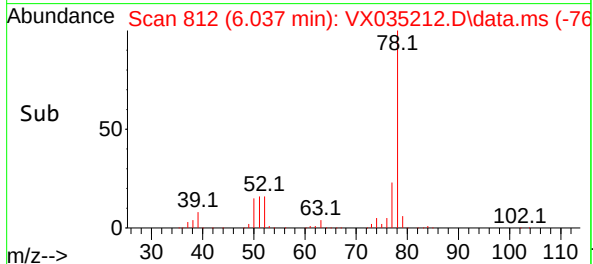
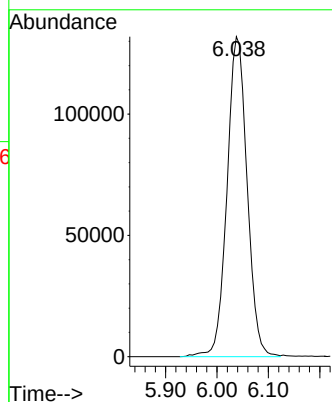
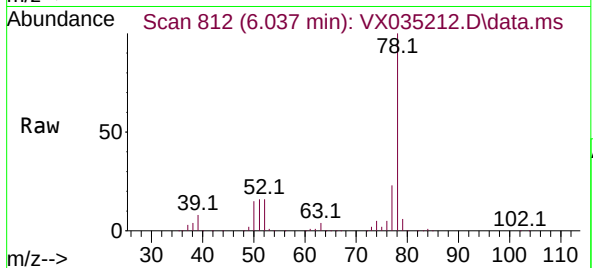




#33
Benzene
Concen: 27.603 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035212.D
Acq: 20 Apr 2023 13:53

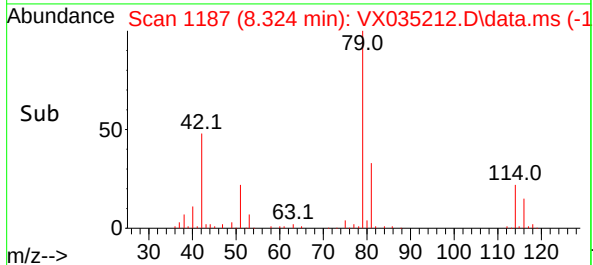
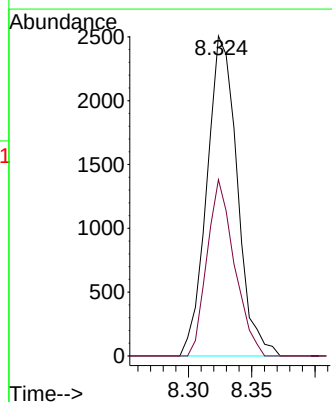
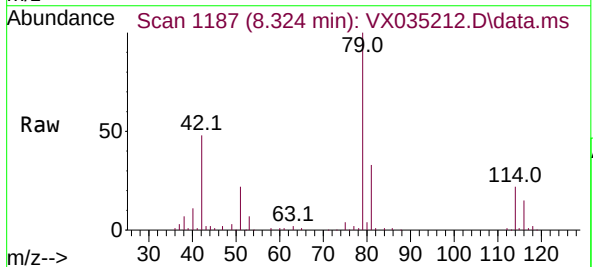
Instrument :
MSVOA_X
ClientSampleId :

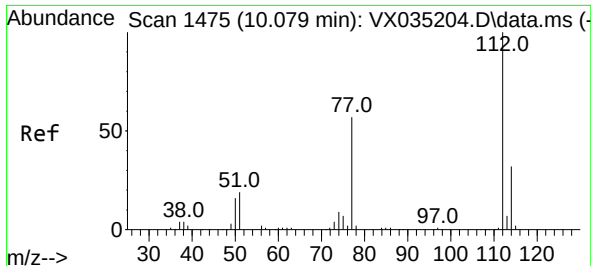
Tgt Ion: 78 Resp: 358750



#39
cis-1,3-Dichloropropene
Concen: 0.819 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX035212.D
Acq: 20 Apr 2023 13:53

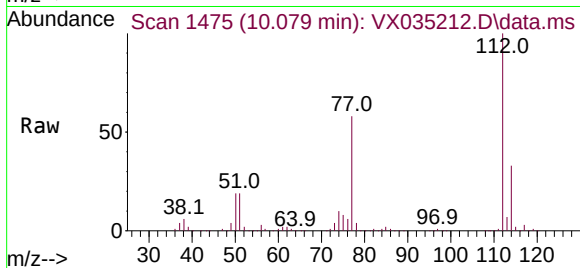
Tgt Ion: 75 Resp: 4192
Ion Ratio Lower Upper
75 100
77 55.1 21.4 39.8#



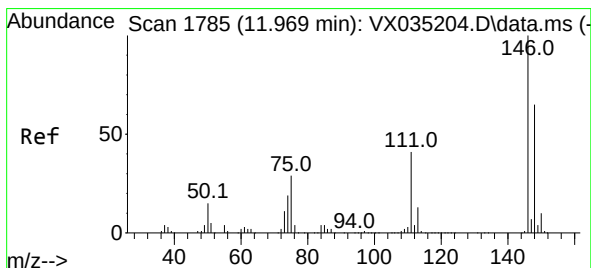
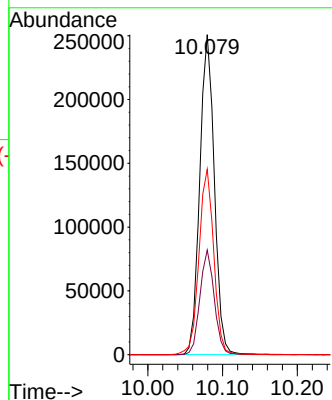
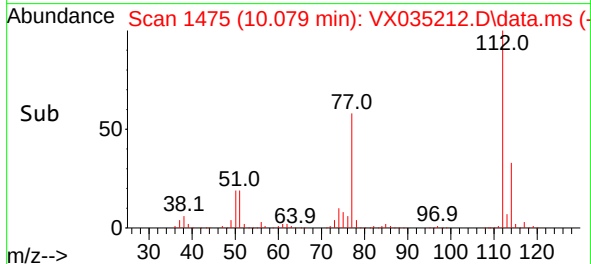


#51
Chlorobenzene
Concen: 38.221 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035212.D
Acq: 20 Apr 2023 13:53

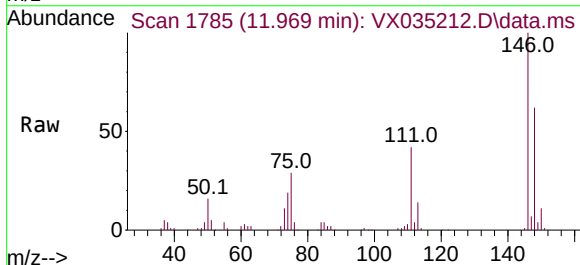
Instrument :
MSVOA_X
ClientSampleId :



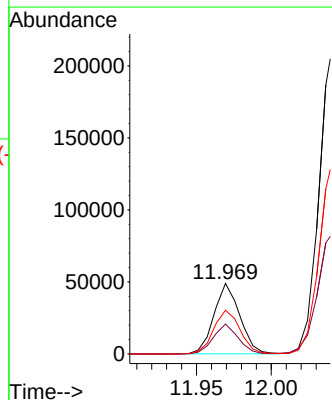
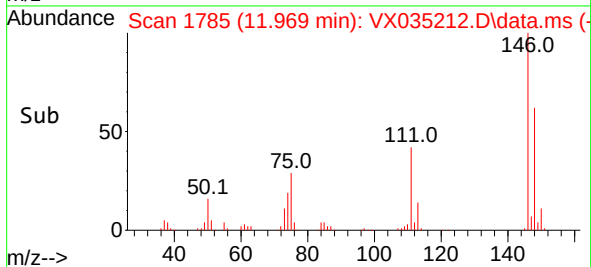
Tgt Ion:112 Resp: 339545
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 57.9 47.0 70.6

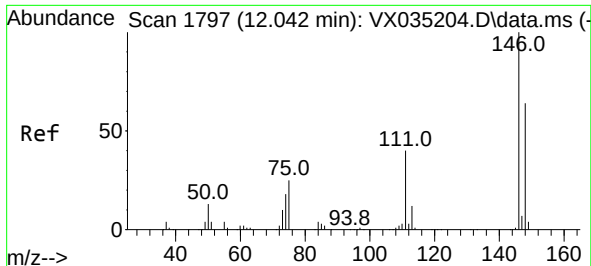


#64
1,3-Dichlorobenzene
Concen: 9.145 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035212.D
Acq: 20 Apr 2023 13:53



Tgt Ion:146 Resp: 58567
Ion Ratio Lower Upper
146 100
111 42.5 28.9 53.7
148 61.9 44.3 82.3

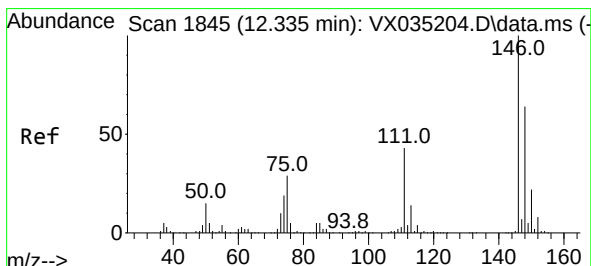
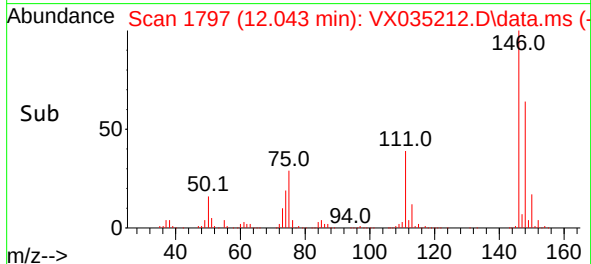
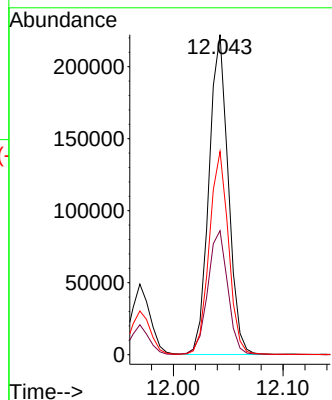
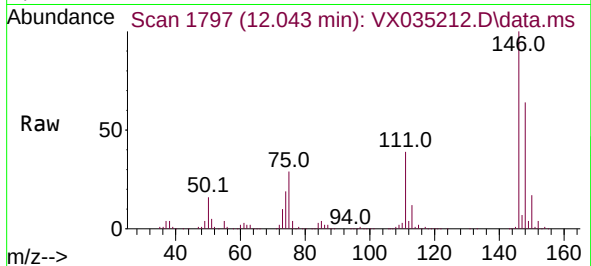




#65
1,4-Dichlorobenzene
Concen: 41.428 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035212.D
Acq: 20 Apr 2023 13:53

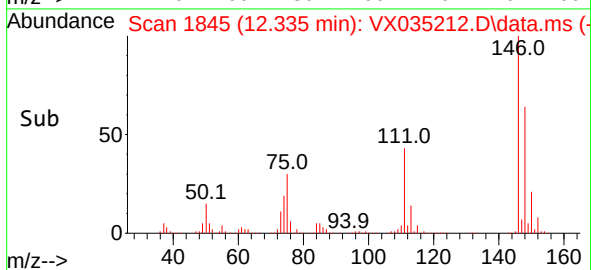
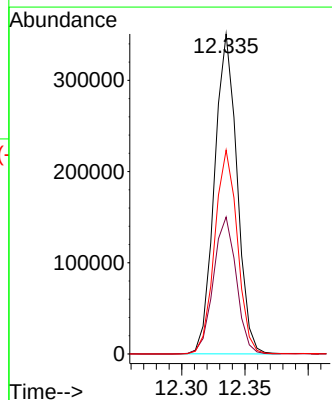
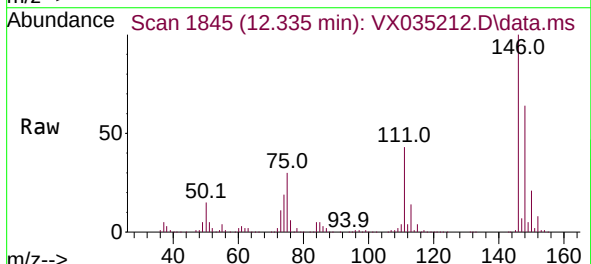
Instrument :
MSVOA_X
ClientSampleId :

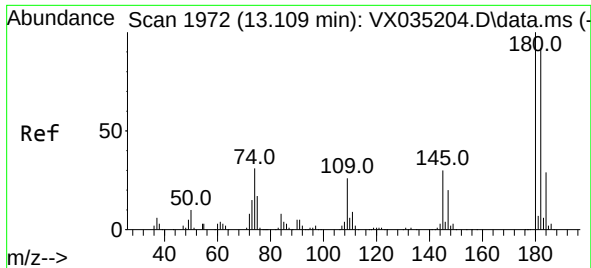
Tgt Ion:146 Resp: 271482
Ion Ratio Lower Upper
146 100
111 38.7 27.9 51.7
148 63.5 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 66.844 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035212.D
Acq: 20 Apr 2023 13:53

Tgt Ion:146 Resp: 434049
Ion Ratio Lower Upper
146 100
111 42.8 34.7 52.1
148 63.7 52.1 78.1





#69

1,3,5-Trichlorobenzene

Concen: 9.833 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

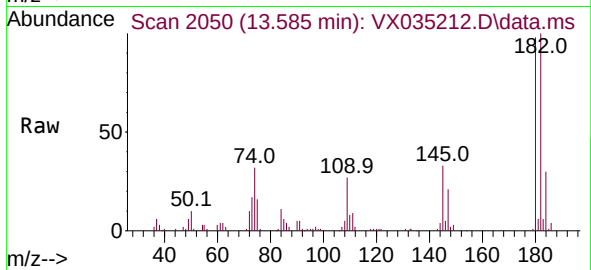
Lab File: VX035212.D

Acq: 20 Apr 2023 13:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 38932

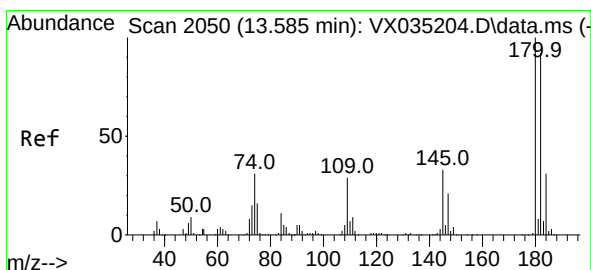
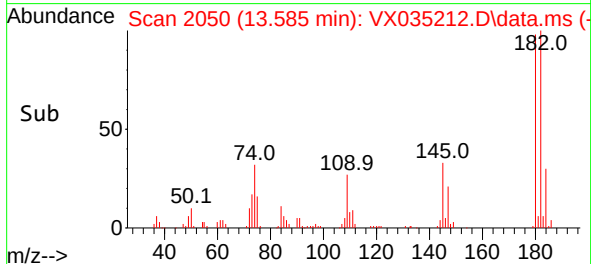
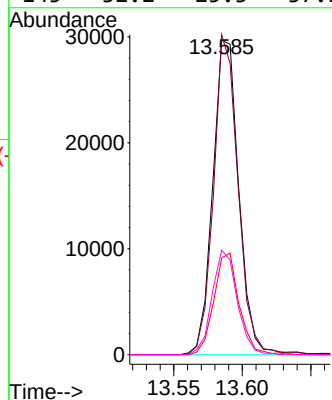
Ion Ratio Lower Upper

180 100

182 96.0 75.4 113.0

184 31.5 23.8 35.8

145 32.2 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 10.502 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035212.D

Acq: 20 Apr 2023 13:53

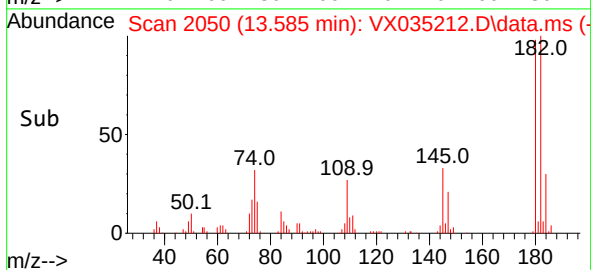
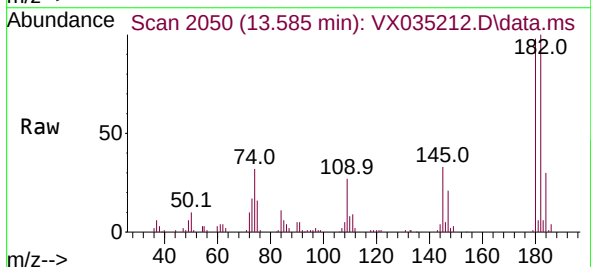
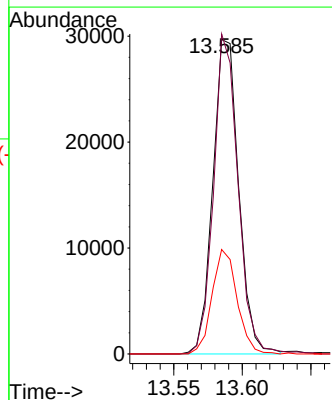
Tgt Ion:180 Resp: 38932

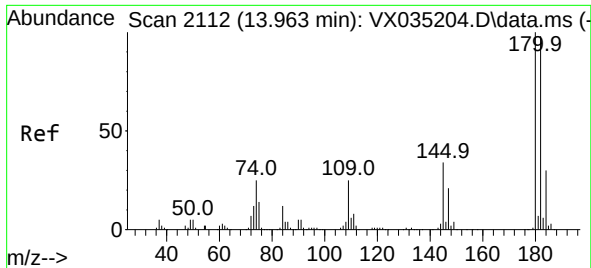
Ion Ratio Lower Upper

180 100

182 96.0 76.6 114.8

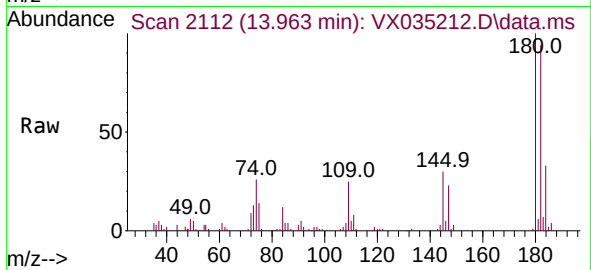
145 32.2 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 4.779 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035212.D
 Acq: 20 Apr 2023 13:53

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 17489
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.0 112.6
 145 32.6 27.1 40.7

