

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035214.D
 Acq On : 20 Apr 2023 14:40
 Operator : JC/MD
 Sample : 02378-18DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:30:00 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)

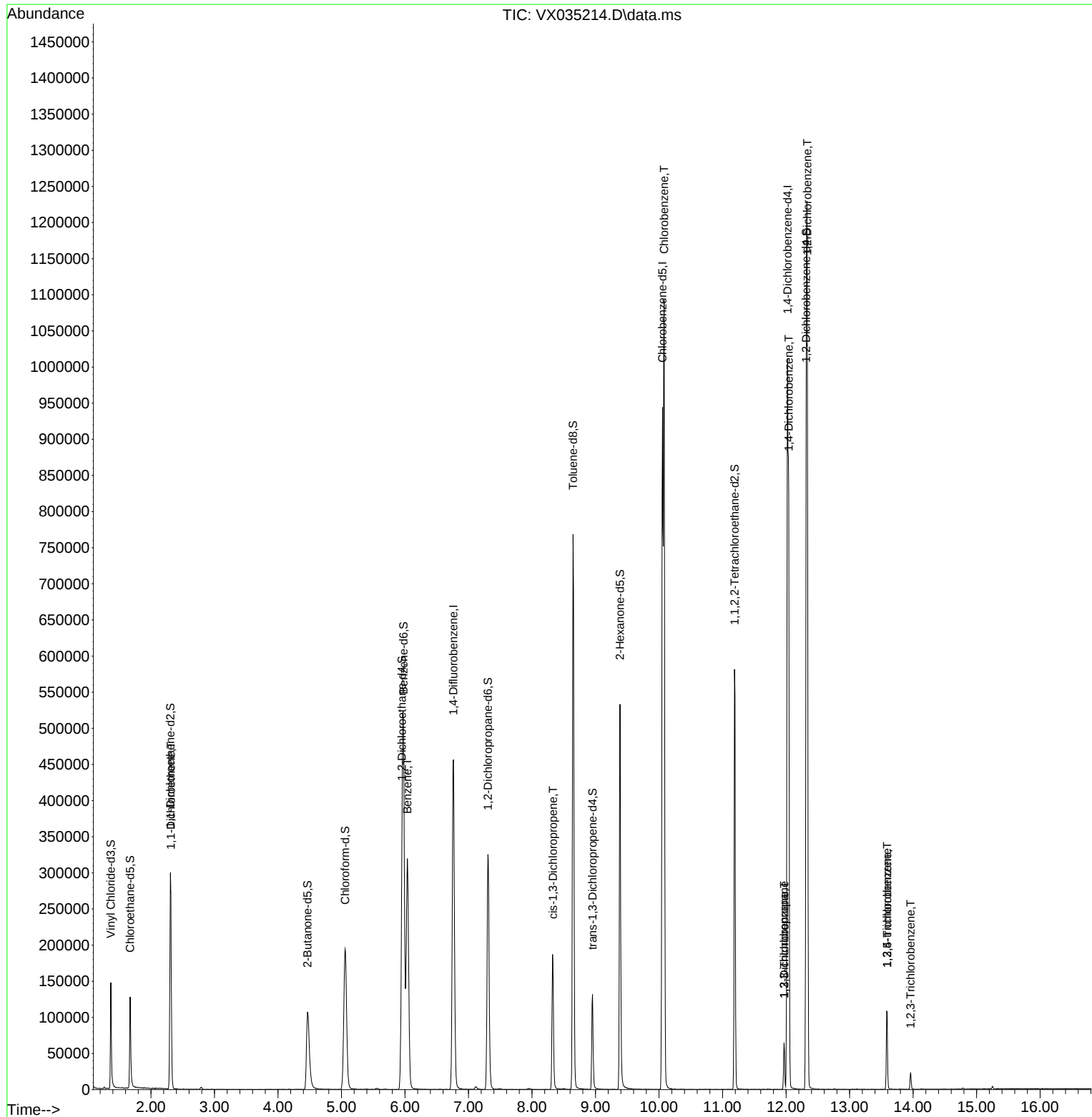
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	475849	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	409792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	197971	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	100048	32.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.220%		
7) Chloroethane-d5	1.672	69	87723	39.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.140%		
11) 1,1-Dichloroethene-d2	2.307	65	53372	36.354	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.700%		
21) 2-Butanone-d5	4.465	46	219672	107.435	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.440%		
24) Chloroform-d	5.056	84	253180	43.817	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.640%		
26) 1,2-Dichloroethane-d4	5.952	65	173777	46.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.660%		
32) Benzene-d6	5.977	84	522146	44.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.720%		
36) 1,2-Dichloropropane-d6	7.306	67	169800	47.221	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.440%		
41) Toluene-d8	8.647	98	452777	42.085	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.180%		
43) trans-1,3-Dichloroprop...	8.952	79	63622	40.486	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.980%		
47) 2-Hexanone-d5	9.385	63	152233	105.425	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.420%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	220465	50.063	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.120%		
66) 1,2-Dichlorobenzene-d4	12.317	152	176528	46.013	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.020%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	1263	0.444	ug/L #	1
33) Benzene	6.038	78	379882	30.611	ug/L	100
39) cis-1,3-Dichloropropene	8.330	75	4105	0.840	ug/L #	81
51) Chlorobenzene	10.080	112	462207	54.489	ug/L	99
61) 1,2,3-Trichloropropane	11.969	75	6196	1.695	ug/L #	47
64) 1,3-Dichlorobenzene	11.969	146	21010	3.422	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	254556	40.519	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	305990	49.154	ug/L	99
69) 1,3,5-Trichlorobenzene	13.591	180	27401	7.219	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	27401	7.710	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	5586	1.592	ug/L	94

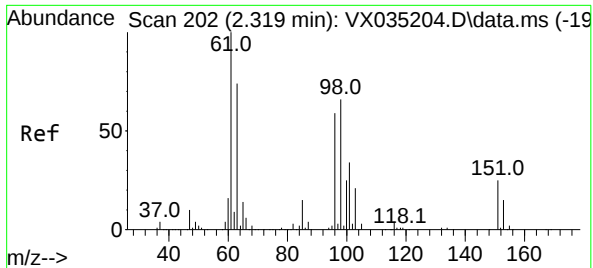
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 23:30:00 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: 0.444 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

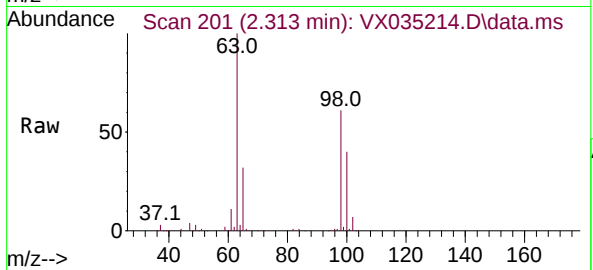
Lab File: VX035214.D

Acq: 20 Apr 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :



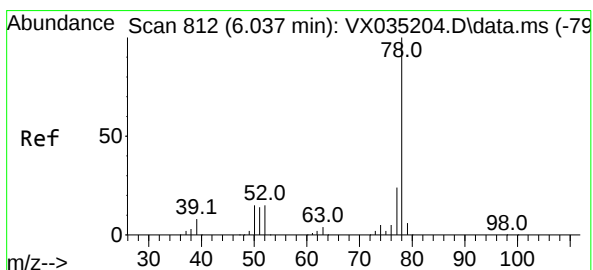
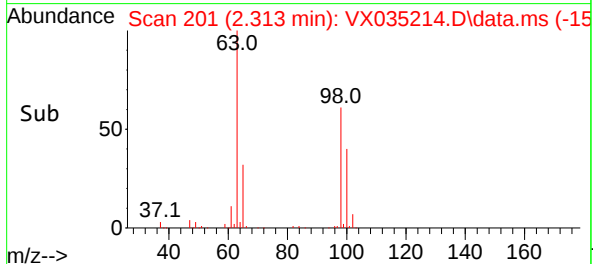
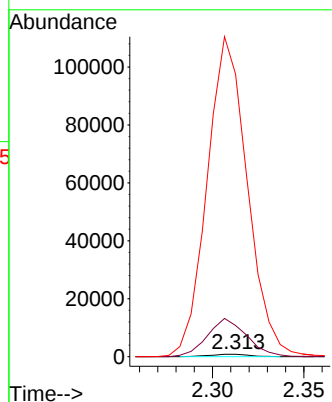
Tgt Ion: 96 Resp: 1263

Ion Ratio Lower Upper

96 100

61 1288.8 119.0 221.0#

63 11668.9 91.0 169.0#



#33

Benzene

Concen: 30.611 ug/L

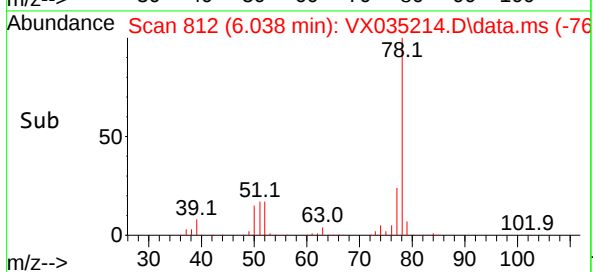
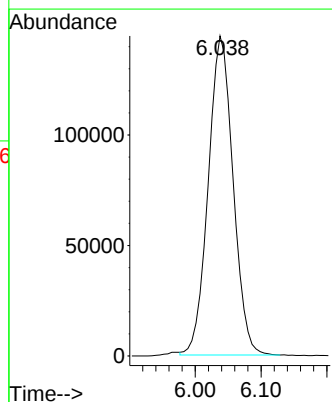
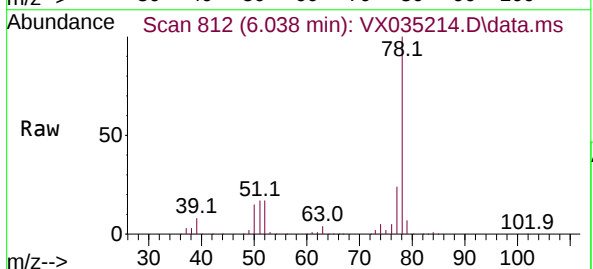
RT: 6.038 min Scan# 812

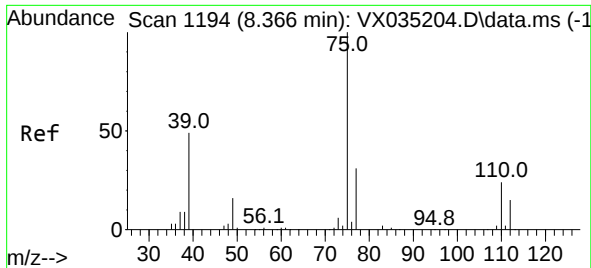
Delta R.T. 0.000 min

Lab File: VX035214.D

Acq: 20 Apr 2023 14:40

Tgt Ion: 78 Resp: 379882

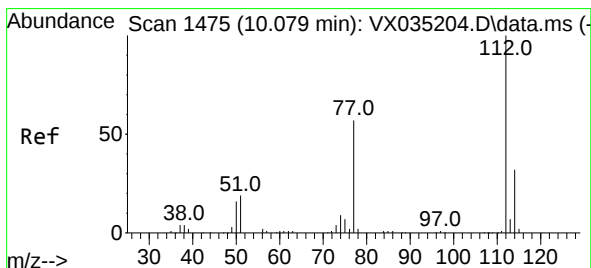
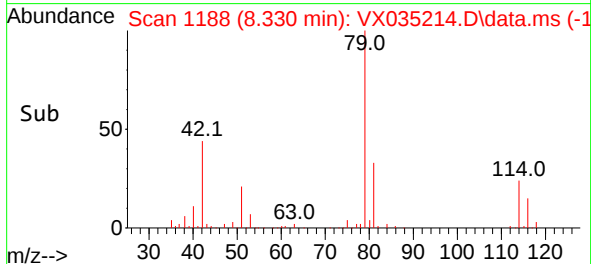
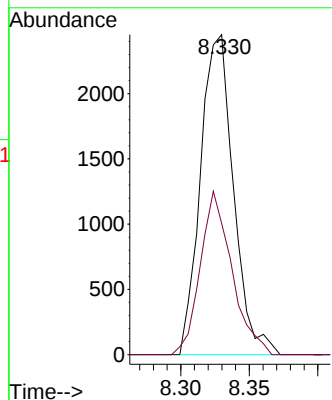
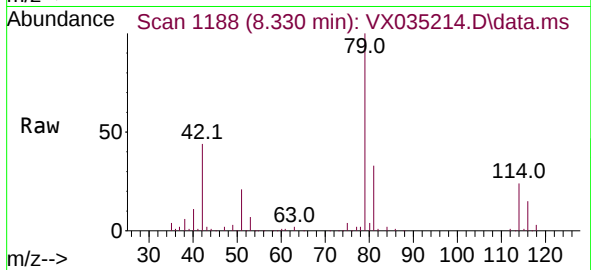




#39
 cis-1,3-Dichloropropene
 Concen: 0.840 ug/L
 RT: 8.330 min Scan# 1194
 Delta R.T. -0.036 min
 Lab File: VX035214.D
 Acq: 20 Apr 2023 14:40

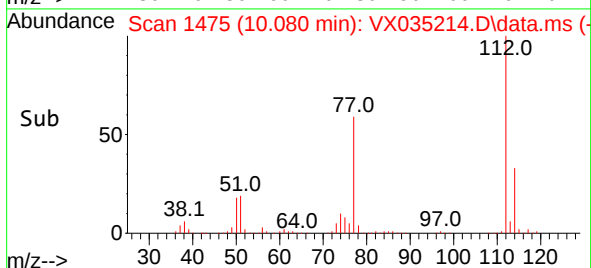
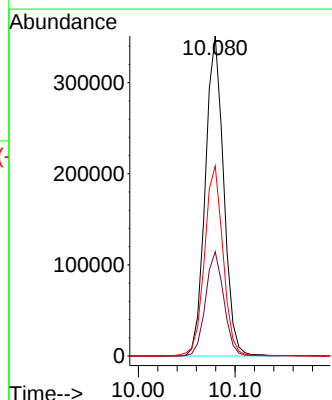
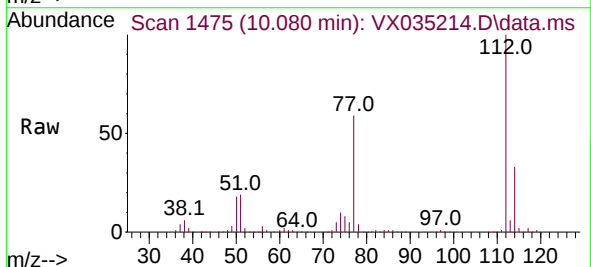
Instrument :
 MSVOA_X
 ClientSampleId :

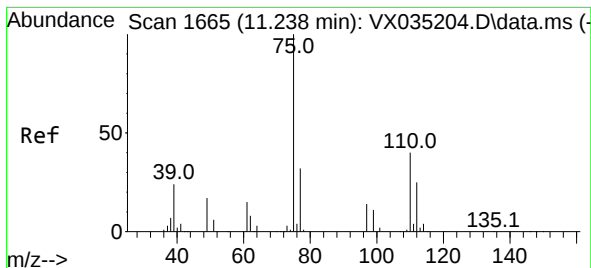
Tgt Ion: 75 Resp: 4105
 Ion Ratio Lower Upper
 75 100
 77 41.0 21.4 39.8#



#51
 Chlorobenzene
 Concen: 54.489 ug/L
 RT: 10.080 min Scan# 1475
 Delta R.T. 0.000 min
 Lab File: VX035214.D
 Acq: 20 Apr 2023 14:40

Tgt Ion: 112 Resp: 462207
 Ion Ratio Lower Upper
 112 100
 114 32.6 22.4 41.6
 77 59.3 47.0 70.6





#61

1,2,3-Trichloropropane

Concen: 1.695 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.732 min

Lab File: VX035214.D

Acq: 20 Apr 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :

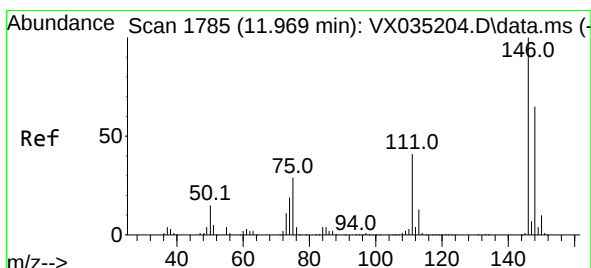
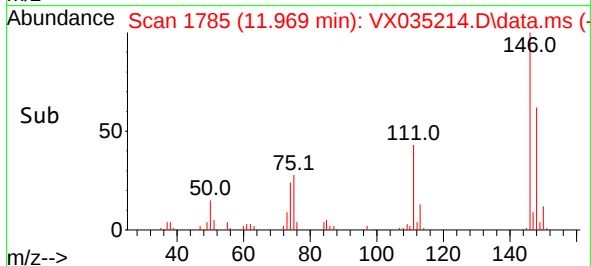
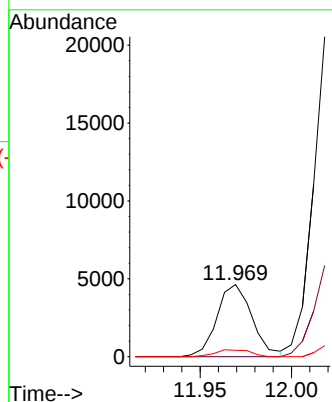
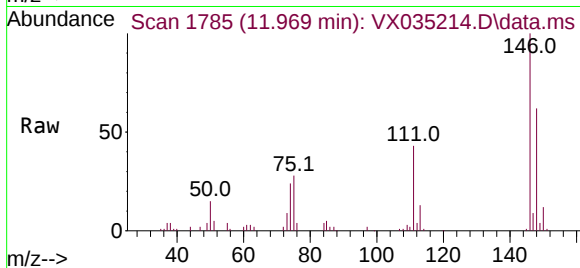
Tgt Ion: 75 Resp: 6196

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

110 9.7 32.5 48.7#



#64

1,3-Dichlorobenzene

Concen: 3.422 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035214.D

Acq: 20 Apr 2023 14:40

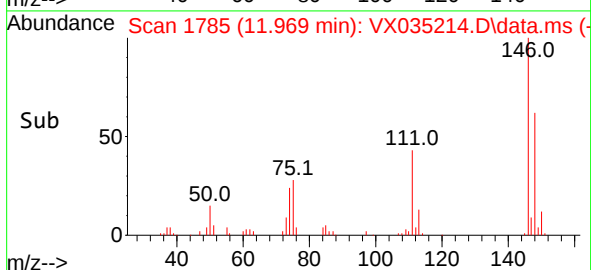
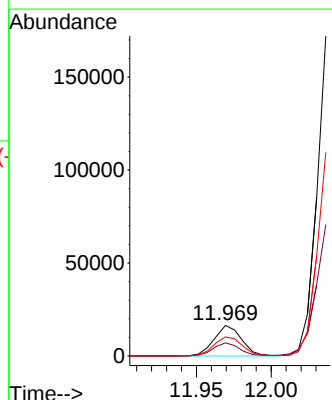
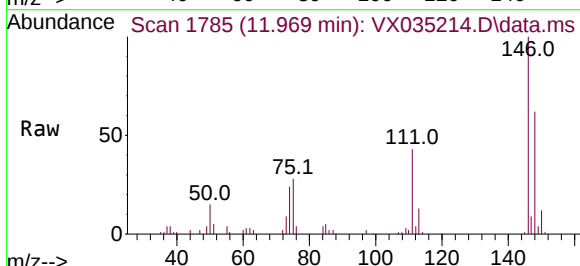
Tgt Ion: 146 Resp: 21010

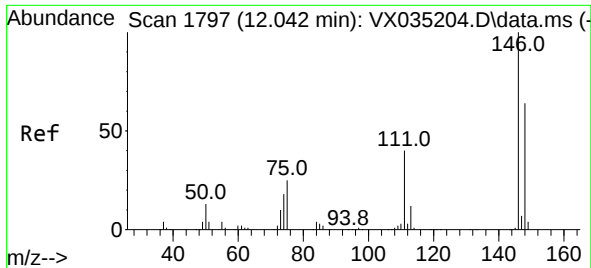
Ion Ratio Lower Upper

146 100

111 43.2 28.9 53.7

148 62.3 44.3 82.3

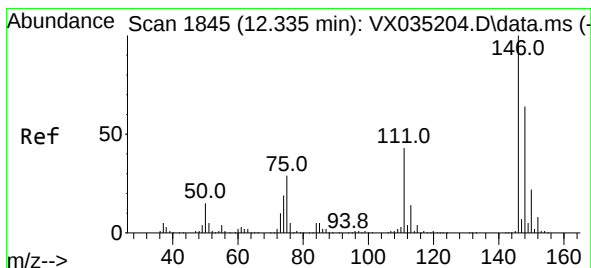
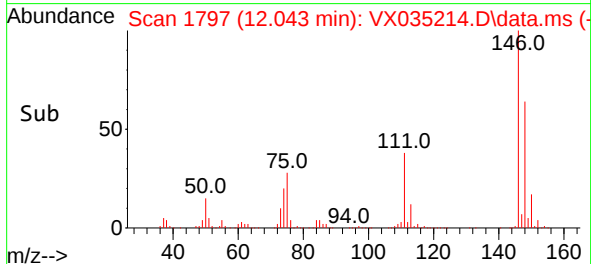
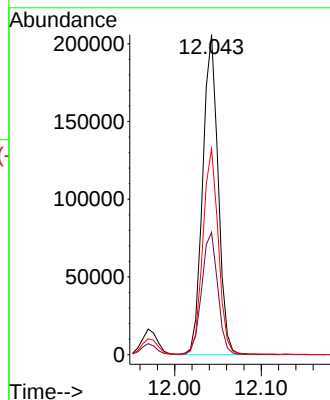
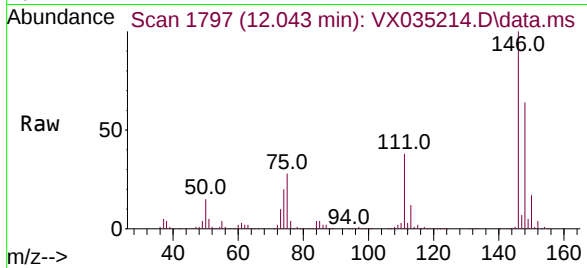




#65
1,4-Dichlorobenzene
Concen: 40.519 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035214.D
Acq: 20 Apr 2023 14:40

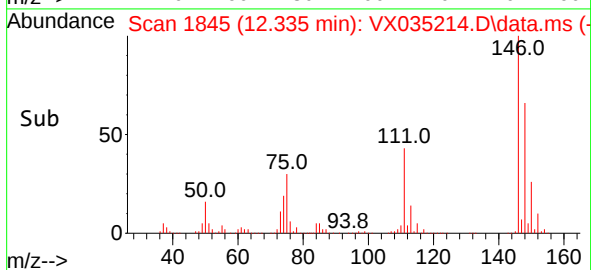
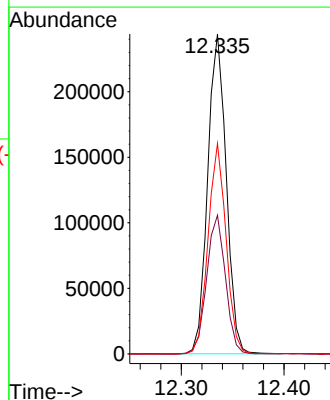
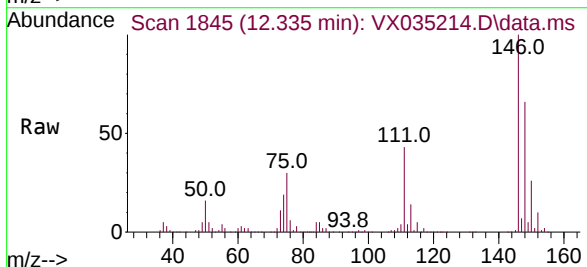
Instrument :
MSVOA_X
ClientSampleId :

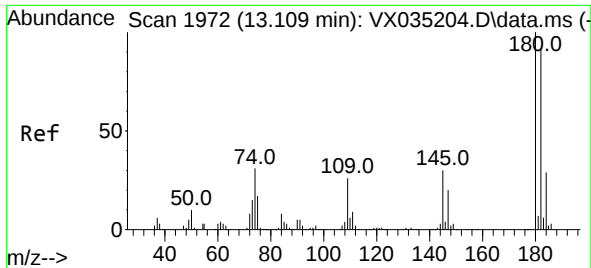
Tgt Ion:146 Resp: 254556
Ion Ratio Lower Upper
146 100
111 38.2 27.9 51.7
148 64.4 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 49.154 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035214.D
Acq: 20 Apr 2023 14:40

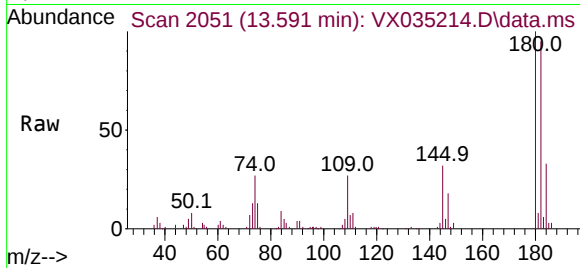
Tgt Ion:146 Resp: 305990
Ion Ratio Lower Upper
146 100
111 43.3 34.7 52.1
148 65.8 52.1 78.1



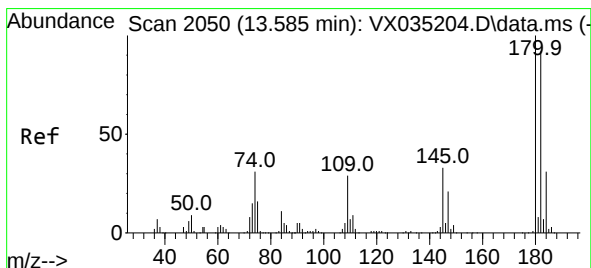
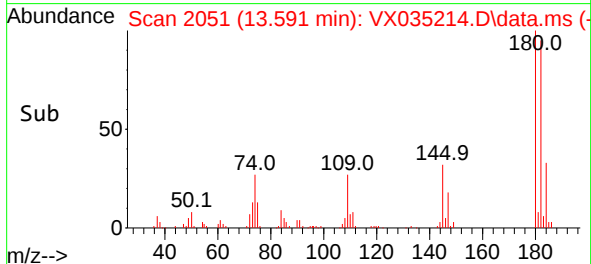
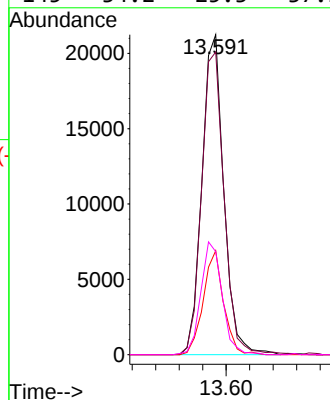


#69
 1,3,5-Trichlorobenzene
 Concen: 7.219 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.482 min
 Lab File: VX035214.D
 Acq: 20 Apr 2023 14:40

Instrument :
 MSVOA_X
 ClientSampleId :

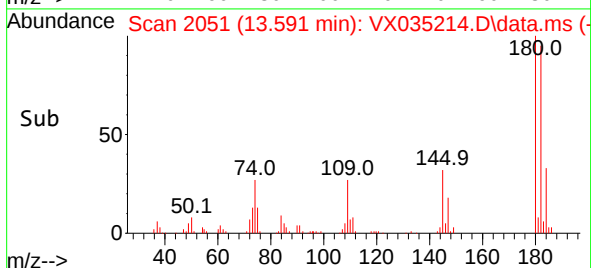
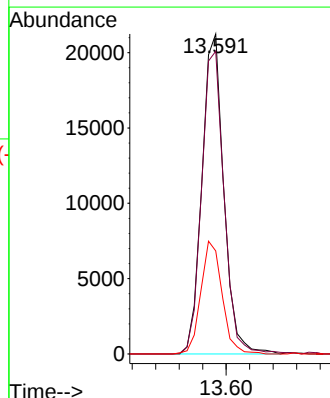
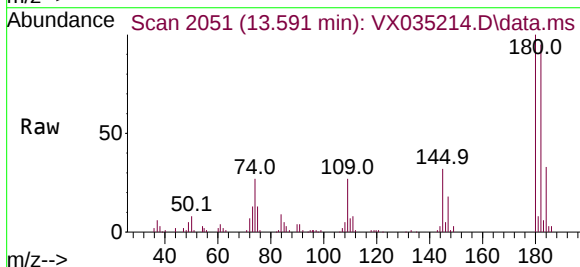


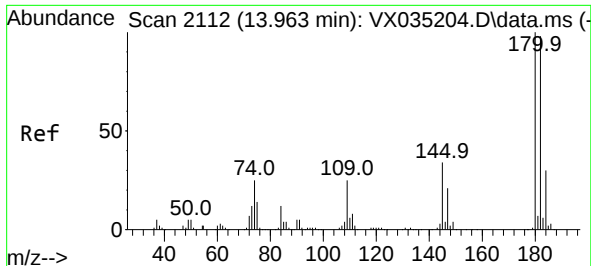
Tgt Ion:180 Resp: 27401
 Ion Ratio Lower Upper
 180 100
 182 97.3 75.4 113.0
 184 30.0 23.8 35.8
 145 34.2 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 7.710 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035214.D
 Acq: 20 Apr 2023 14:40

Tgt Ion:180 Resp: 27401
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.6 114.8
 145 34.2 26.2 39.4





#72

1,2,3-Trichlorobenzene

Concen: 1.592 ug/L

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

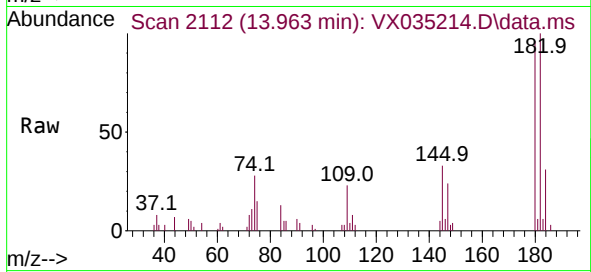
Lab File: VX035214.D

Acq: 20 Apr 2023 14:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 5586

Ion Ratio Lower Upper

180 100

182 101.3 75.0 112.6

145 34.6 27.1 40.7

