

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035217.D
 Acq On : 20 Apr 2023 15:49
 Operator : JC/MD
 Sample : 02378-15DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:30:47 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)

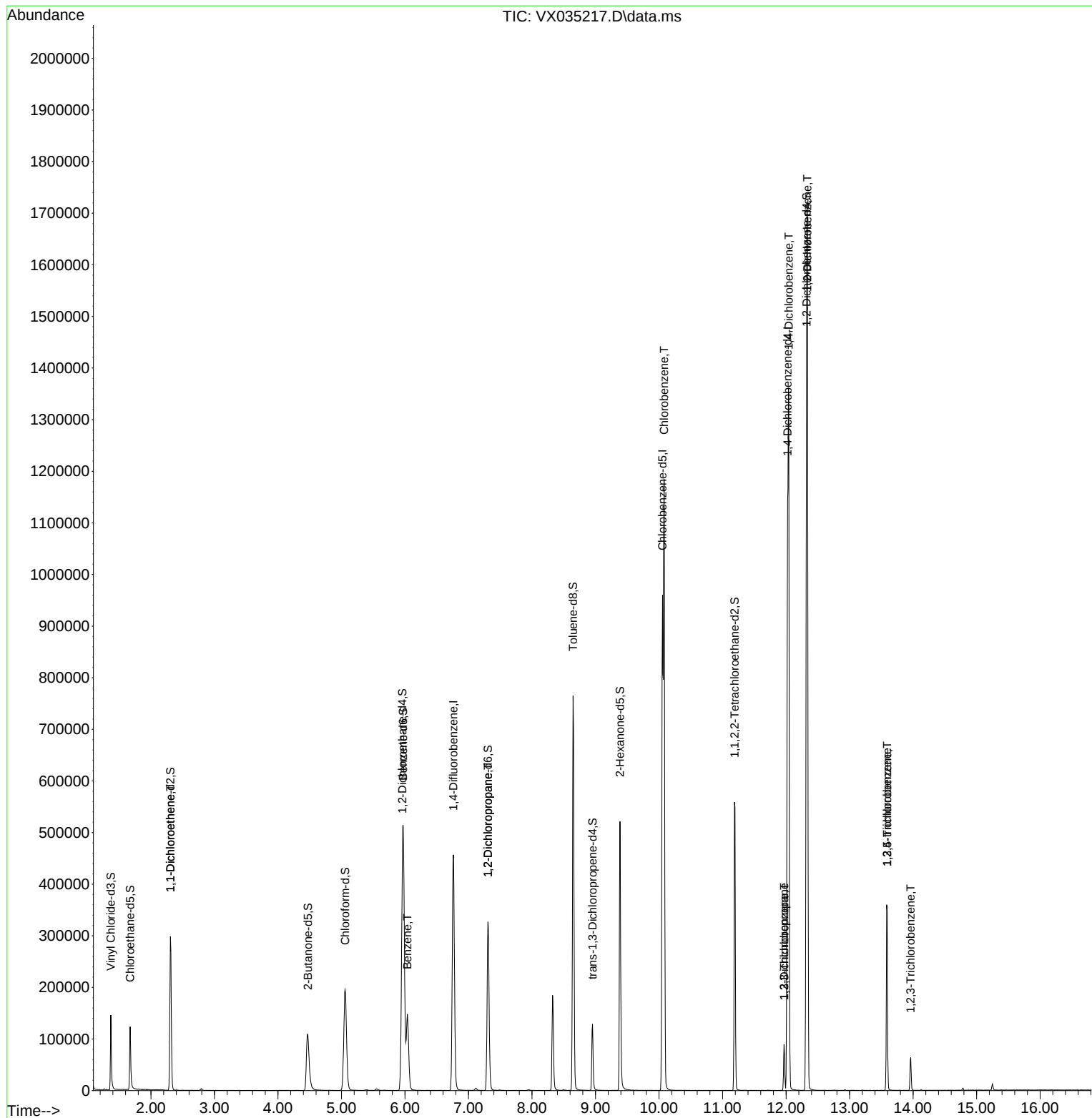
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	480480	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	417448	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	203756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	98347	31.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.480%		
7) Chloroethane-d5	1.672	69	83863	37.461	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.920%		
11) 1,1-Dichloroethene-d2	2.307	65	52777	35.602	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.200%		
21) 2-Butanone-d5	4.471	46	217361	105.280	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.280%		
24) Chloroform-d	5.056	84	250702	42.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.940%		
26) 1,2-Dichloroethane-d4	5.958	65	173058	46.190	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.380%		
32) Benzene-d6	5.971	84	520600	43.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.820%		
36) 1,2-Dichloropropane-d6	7.306	67	166185	45.368	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.740%		
41) Toluene-d8	8.647	98	452142	41.256	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.520%		
43) trans-1,3-Dichloroprop...	8.952	79	61601	38.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.960%		
47) 2-Hexanone-d5	9.385	63	150859	102.557	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.560%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	222618	49.625	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.240%		
66) 1,2-Dichlorobenzene-d4	12.323	152	181006	45.841	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.680%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.307	96	1155	0.402	ug/L #	1
33) Benzene	6.038	78	179772	14.220	ug/L	100
37) 1,2-Dichloropropane	7.306	63	18554	5.575	ug/L #	86
51) Chlorobenzene	10.080	112	503784	58.301	ug/L	99
61) 1,2,3-Trichloropropane	11.969	75	8785	2.335	ug/L #	48
64) 1,3-Dichlorobenzene	11.969	146	28493	4.509	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	423626	65.517	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	487698	76.119	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	89130	22.816	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	89130	24.367	ug/L	97
72) 1,2,3-Trichlorobenzene	13.963	180	15691	4.345	ug/L	99

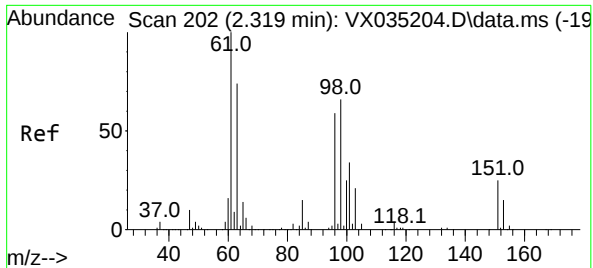
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
Data File : VX035217.D
Acq On : 20 Apr 2023 15:49
Operator : JC/MD
Sample : 02378-15DL 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 20 23:30:47 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

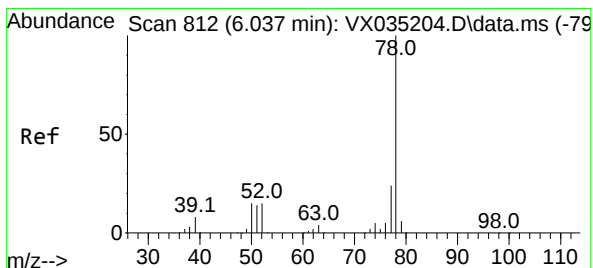
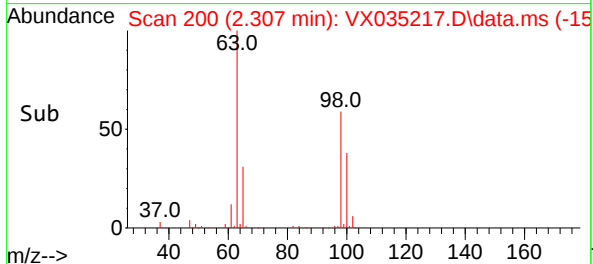
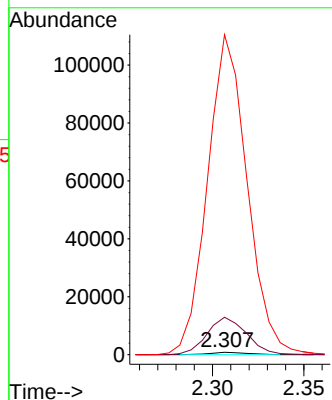
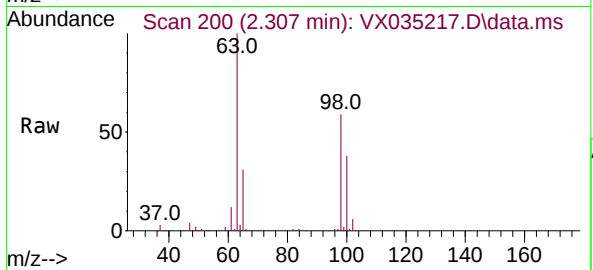




#12
1,1-Dichloroethene
Concen: 0.402 ug/L
RT: 2.307 min Scan# 20
Delta R.T. -0.012 min
Lab File: VX035217.D
Acq: 20 Apr 2023 15:49

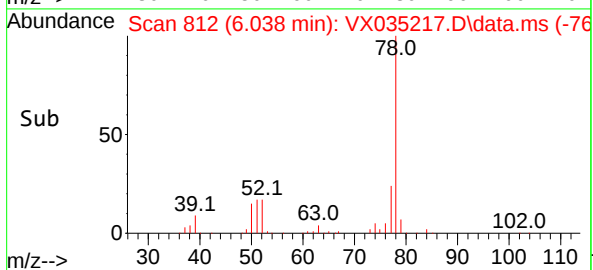
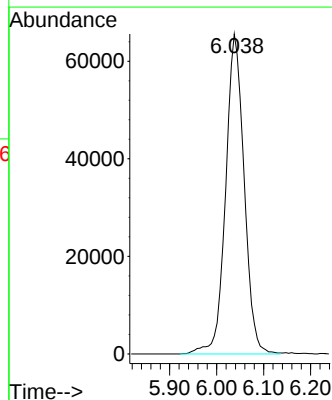
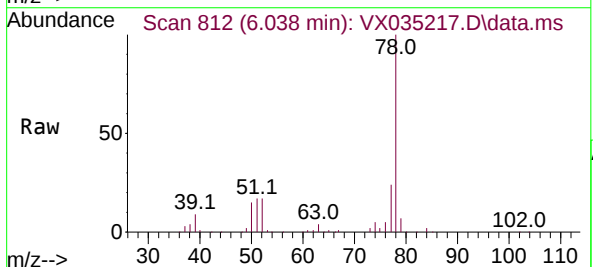
Instrument :
MSVOA_X
ClientSampleId :

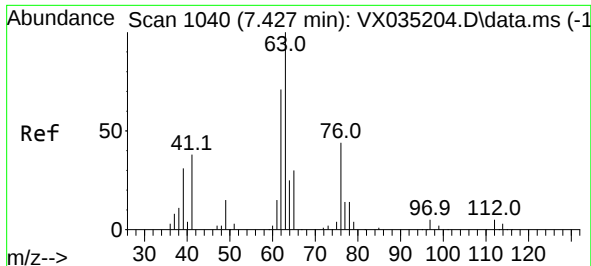
Tgt Ion: 96 Resp: 1155
Ion Ratio Lower Upper
96 100
61 1588.2 119.0 221.0#
63 13593.1 91.0 169.0#



#33
Benzene
Concen: 14.220 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035217.D
Acq: 20 Apr 2023 15:49

Tgt Ion: 78 Resp: 179772





#37

1,2-Dichloropropane

Concen: 5.575 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX035217.D

Acq: 20 Apr 2023 15:49

Instrument :

MSVOA_X

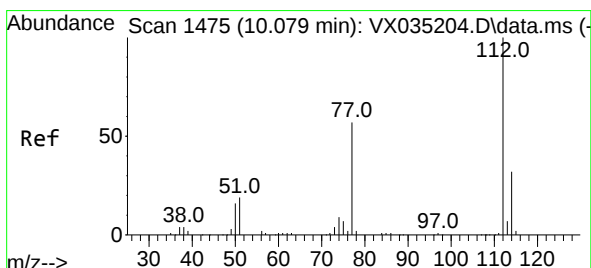
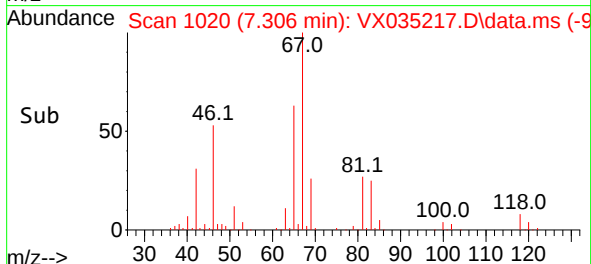
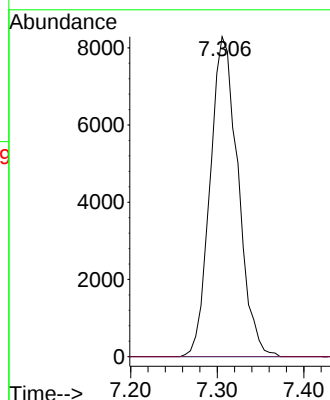
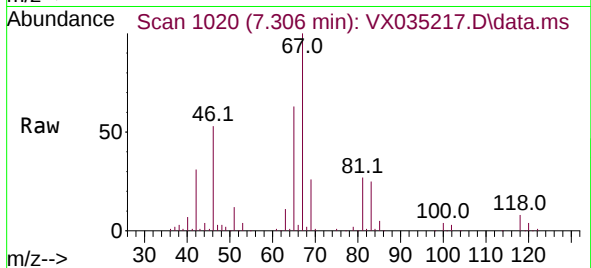
ClientSampleId :

Tgt Ion: 63 Resp: 18554

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#51

Chlorobenzene

Concen: 58.301 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035217.D

Acq: 20 Apr 2023 15:49

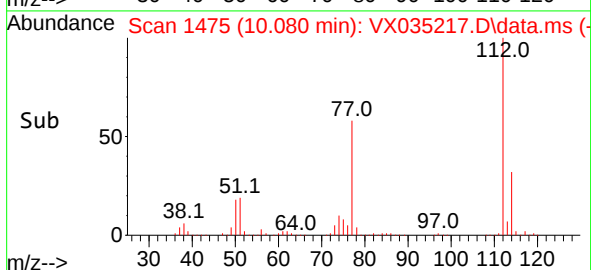
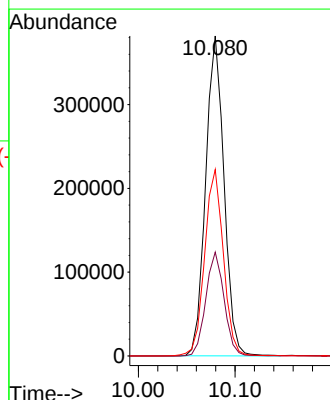
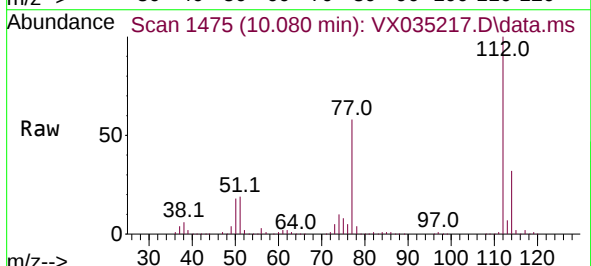
Tgt Ion: 112 Resp: 503784

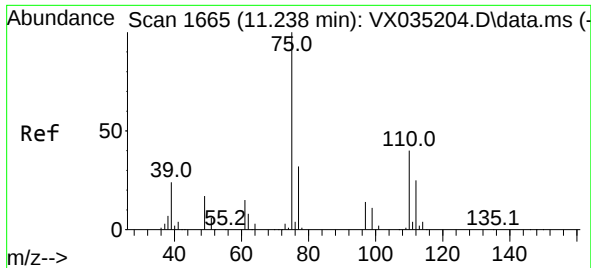
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 58.3 47.0 70.6

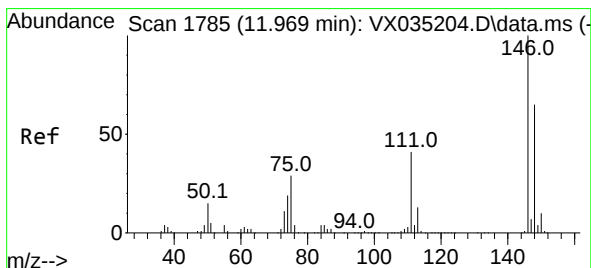
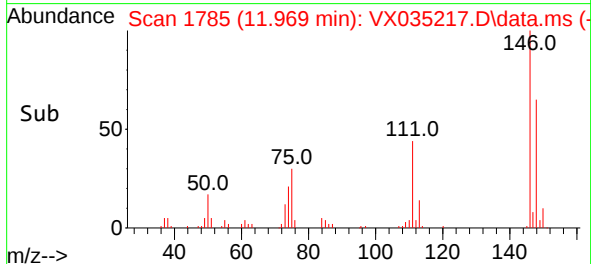
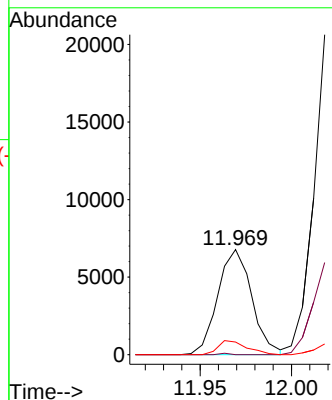
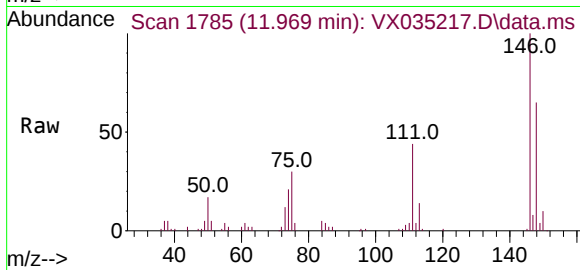




#61
 1,2,3-Trichloropropane
 Concen: 2.335 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.732 min
 Lab File: VX035217.D
 Acq: 20 Apr 2023 15:49

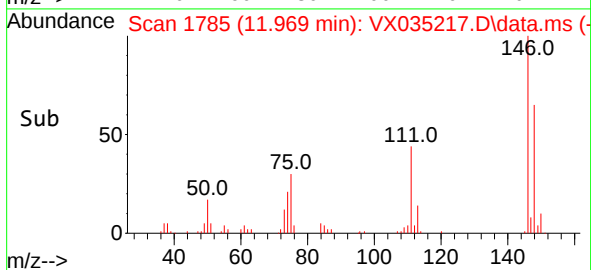
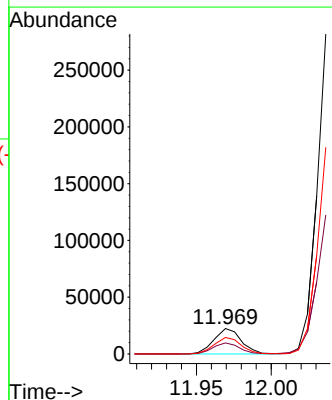
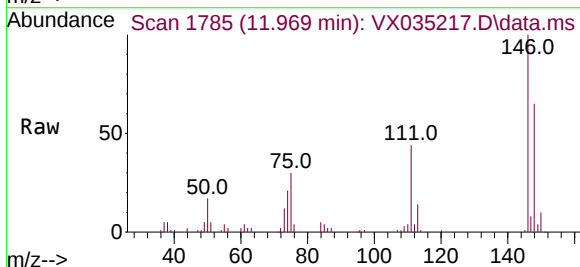
Instrument :
 MSVOA_X
 ClientSampleId :

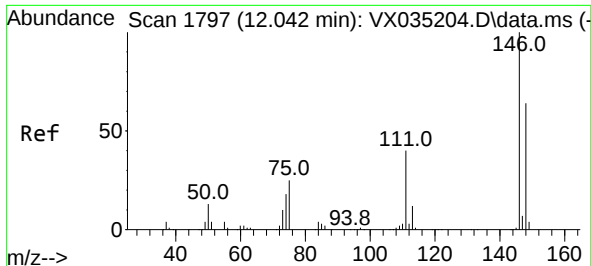
Tgt Ion: 75 Resp: 8785
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 110 11.3 32.5 48.7#



#64
 1,3-Dichlorobenzene
 Concen: 4.509 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX035217.D
 Acq: 20 Apr 2023 15:49

Tgt Ion: 146 Resp: 28493
 Ion Ratio Lower Upper
 146 100
 111 43.6 28.9 53.7
 148 65.0 44.3 82.3

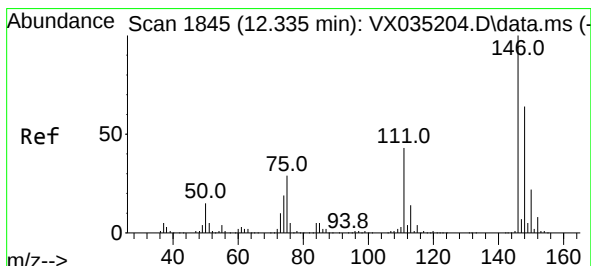
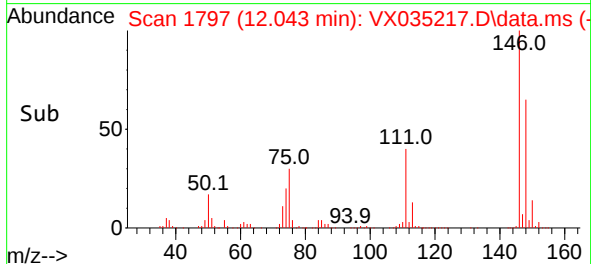
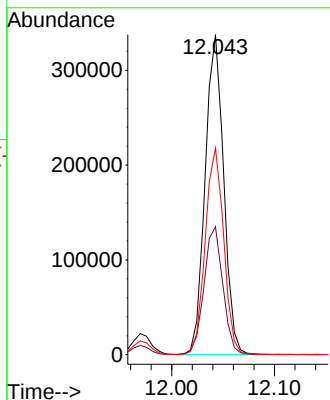
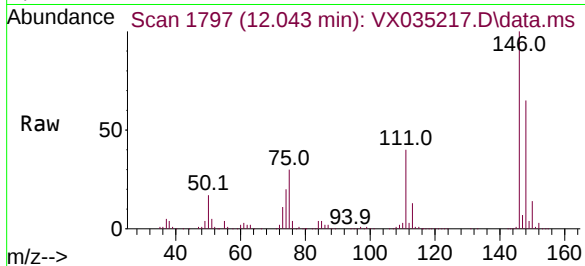




#65
1,4-Dichlorobenzene
Concen: 65.517 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035217.D
Acq: 20 Apr 2023 15:49

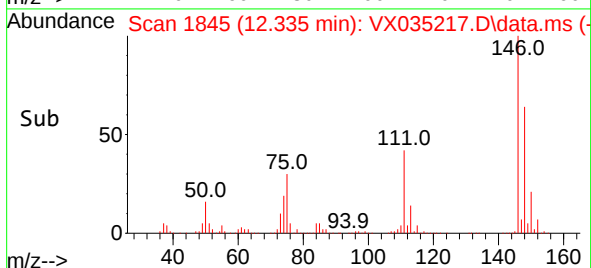
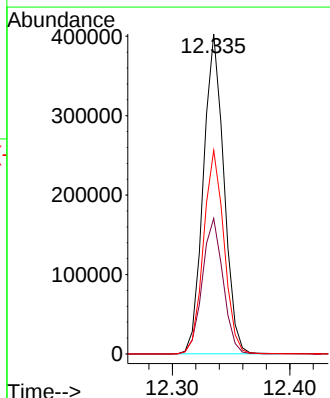
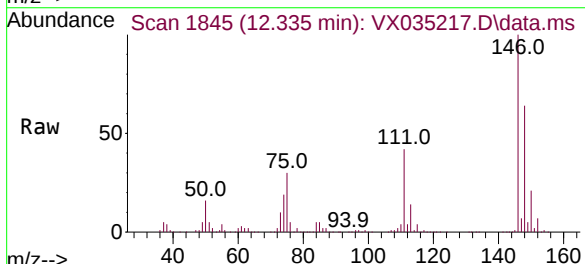
Instrument :
MSVOA_X
ClientSampleId :

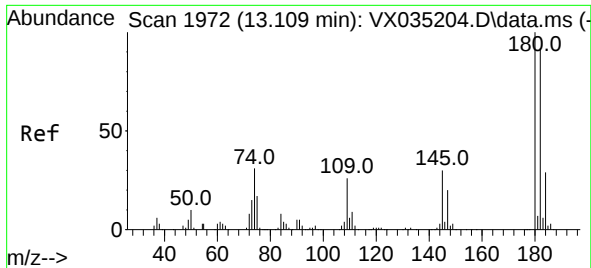
Tgt Ion:146 Resp: 423626
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.7
148 64.6 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 76.119 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035217.D
Acq: 20 Apr 2023 15:49

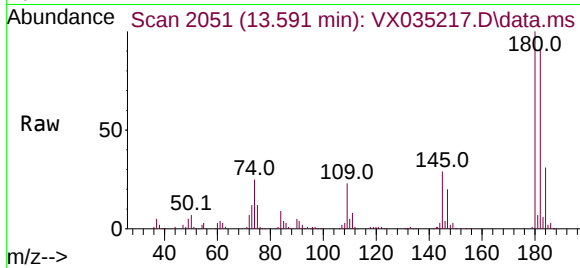
Tgt Ion:146 Resp: 487698
Ion Ratio Lower Upper
146 100
111 42.4 34.7 52.1
148 63.7 52.1 78.1



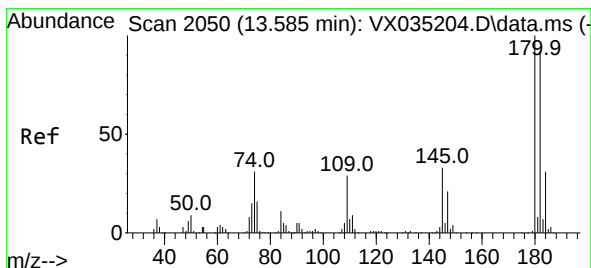
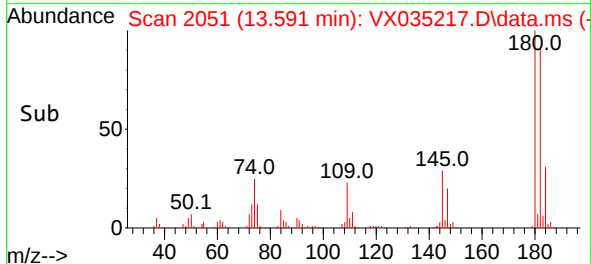
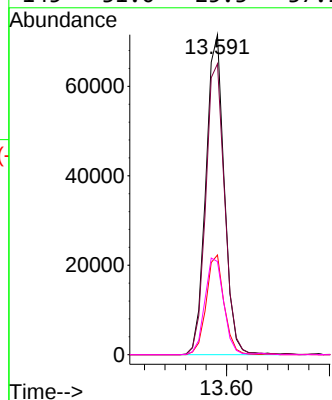


#69
 1,3,5-Trichlorobenzene
 Concen: 22.816 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.482 min
 Lab File: VX035217.D
 Acq: 20 Apr 2023 15:49

Instrument :
 MSVOA_X
 ClientSampleId :

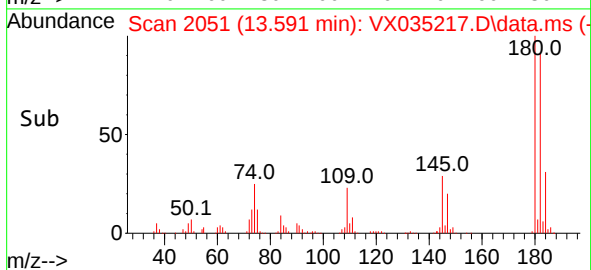
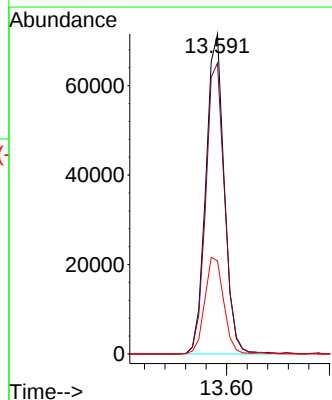
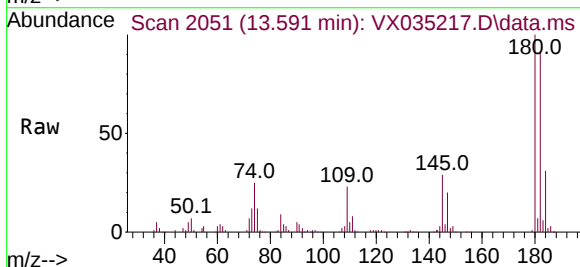


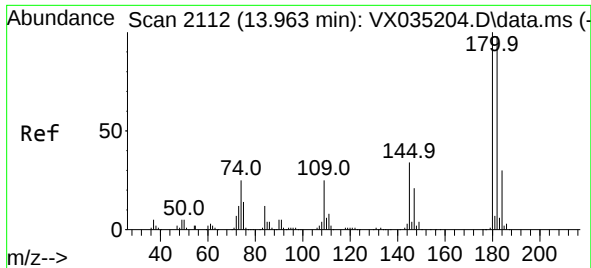
Tgt Ion:180 Resp: 89130
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.4 113.0
 184 30.3 23.8 35.8
 145 31.0 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 24.367 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035217.D
 Acq: 20 Apr 2023 15:49

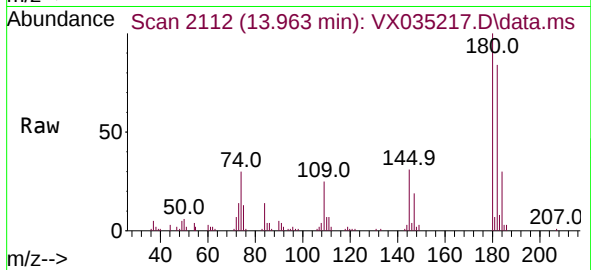
Tgt Ion:180 Resp: 89130
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.6 114.8
 145 31.0 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 4.345 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX035217.D
 Acq: 20 Apr 2023 15:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 15691
 Ion Ratio Lower Upper
 180 100
 182 92.8 75.0 112.6
 145 35.2 27.1 40.7

