

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035152.D
 Acq On : 19 Apr 2023 02:52
 Operator : JC/MD
 Sample : 02397-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM8

Quant Time: Apr 19 03:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

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

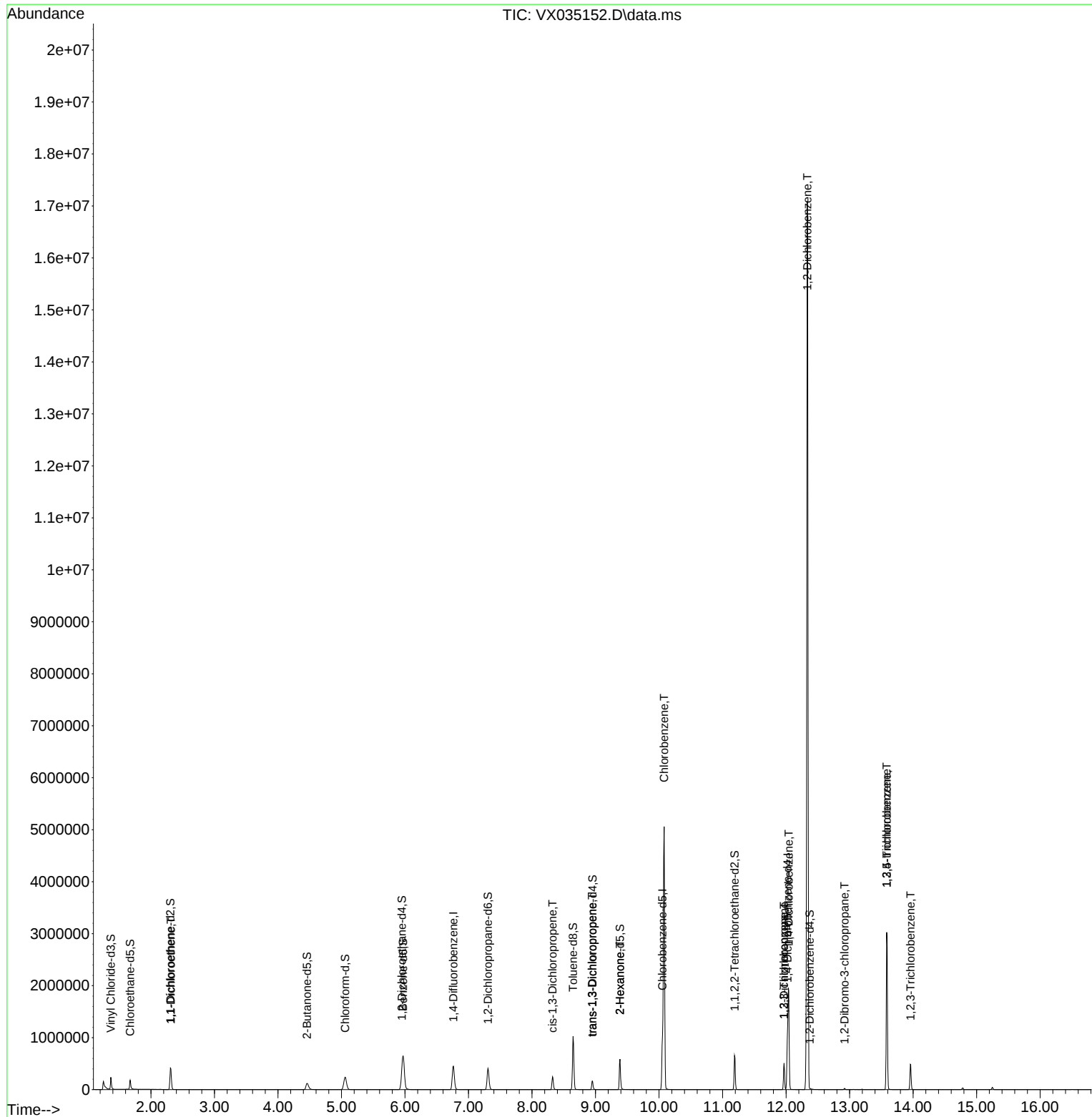
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	475826	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	411033	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	198710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	158050	51.514	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 103.020%		
7) Chloroethane-d5	1.672	69	122226	55.131	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 110.260%		
11) 1,1-Dichloroethene-d2	2.306	65	76401	52.043	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.080%		
21) 2-Butanone-d5	4.459	46	230620	112.795	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 112.800%		
24) Chloroform-d	5.056	84	314179	54.376	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 108.760%		
26) 1,2-Dichloroethane-d4	5.952	65	210151	56.638	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 113.280%		
32) Benzene-d6	5.970	84	667151	56.503	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 113.000%		
36) 1,2-Dichloropropane-d6	7.306	67	207924	57.649	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 115.300%		
41) Toluene-d8	8.647	98	593221	54.973	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 109.940%		
43) trans-1,3-Dichloroprop...	8.952	79	82070	52.068	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.140%		
47) 2-Hexanone-d5	9.384	63	168540	116.365	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 116.370%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252702	57.210	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 114.420%		
66) 1,2-Dichlorobenzene-d4	12.372	152	404	0.105	ug/L	0.05
Spiked Amount 50.000	Range 80	- 120	Recovery	= 0.200%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	1858	0.654	ug/L #	1
39) cis-1,3-Dichloropropene	8.324	75	5462	1.115	ug/L #	59
44) trans-1,3-Dichloropropene	8.946	75	3561	0.807	ug/L	98
48) 2-Hexanone	9.384	43	19548	5.960	ug/L #	67
51) Chlorobenzene	10.079	112	2156314	253.437	ug/L	97
61) 1,2,3-Trichloropropane	11.969	75	48235	13.148	ug/L #	48
64) 1,3-Dichlorobenzene	11.969	146	157901	25.623	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	617597	97.942	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	5130529	821.096	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.920	75	3744	4.136	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.585	180	727317	190.913	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	727317	203.888	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	120337	34.171	ug/L	98

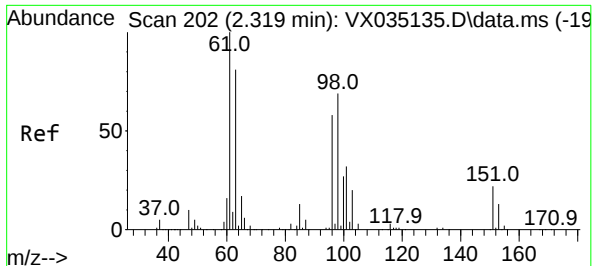
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.654 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX035152.D

Acq: 19 Apr 2023 02:52

Instrument :

MSVOA_X

ClientSampleId :

COMM8

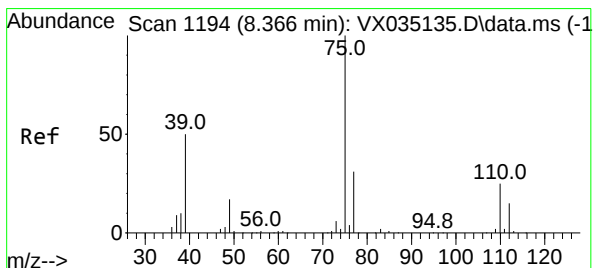
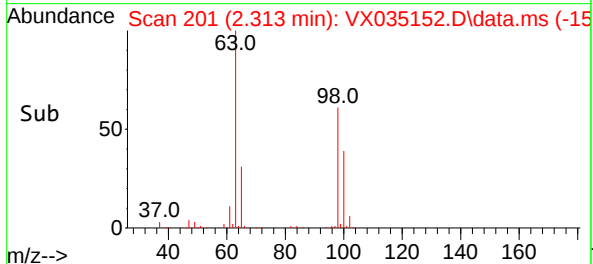
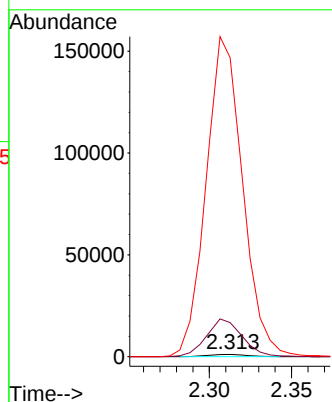
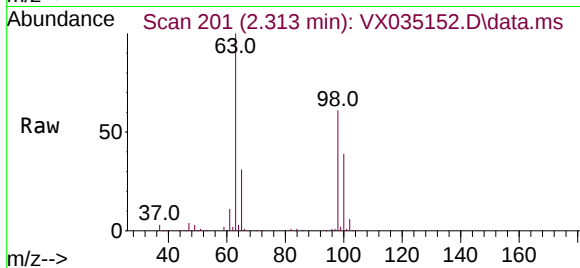
Tgt Ion: 96 Resp: 1858

Ion Ratio Lower Upper

96 100

61 1515.3 119.0 221.0#

63 13286.5 91.0 169.0#



#39

cis-1,3-Dichloropropene

Concen: 1.115 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX035152.D

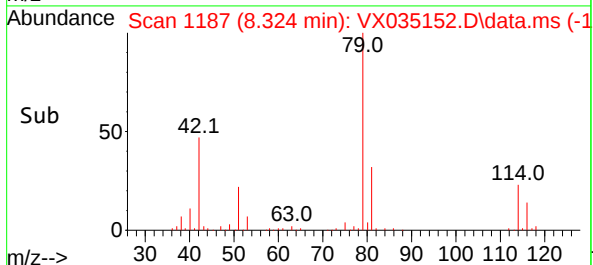
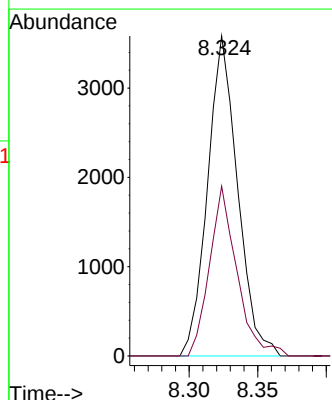
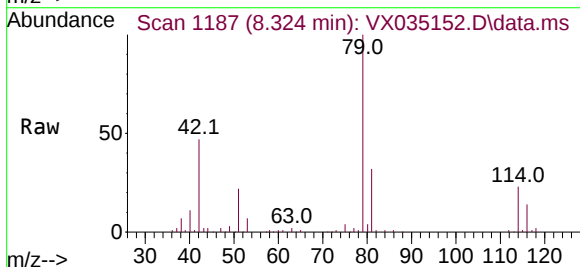
Acq: 19 Apr 2023 02:52

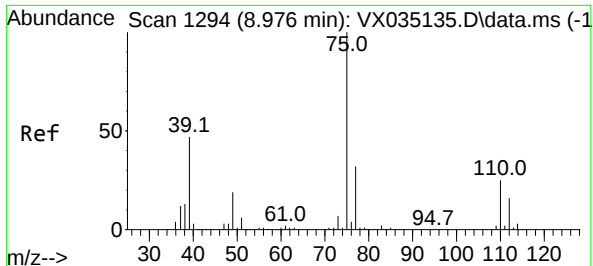
Tgt Ion: 75 Resp: 5462

Ion Ratio Lower Upper

75 100

77 53.0 21.4 39.8#

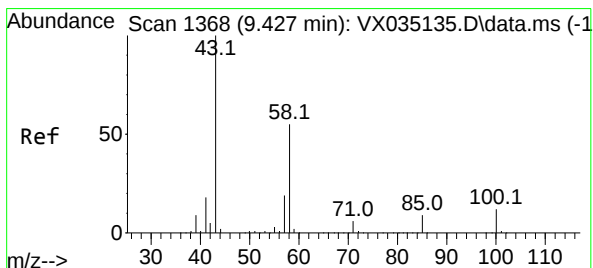
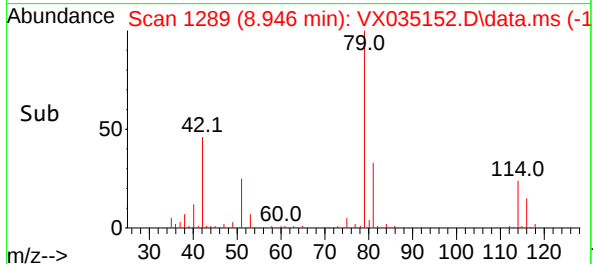
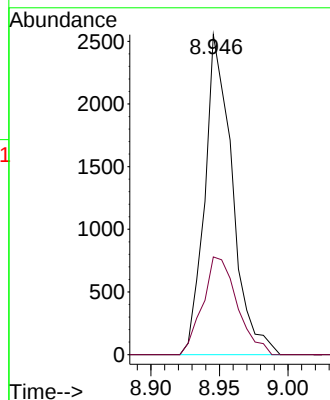
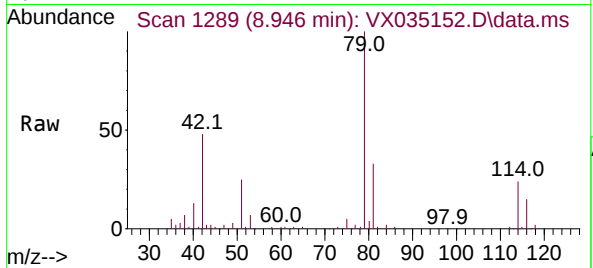




#44
trans-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 8.946 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX035152.D
Acq: 19 Apr 2023 02:52

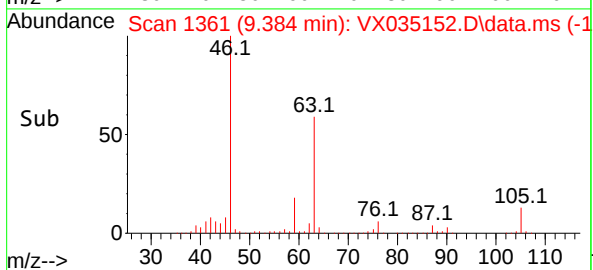
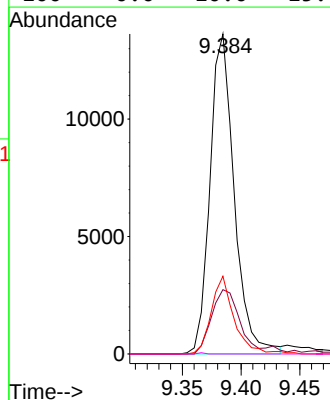
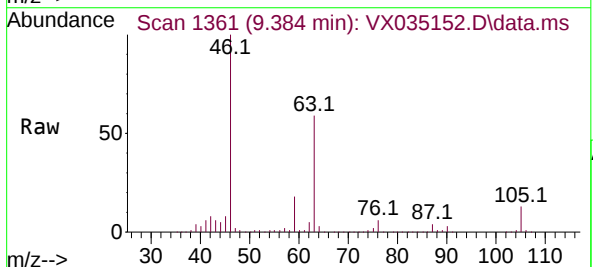
Instrument :
MSVOA_X
ClientSampleId :
COMM8

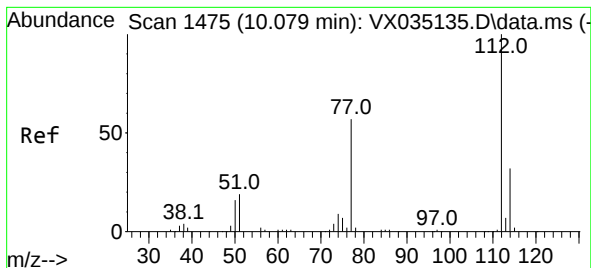
Tgt Ion: 75 Resp: 3561
Ion Ratio Lower Upper
75 100
77 30.6 22.0 40.8



#48
2-Hexanone
Concen: 5.960 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX035152.D
Acq: 19 Apr 2023 02:52

Tgt Ion: 43 Resp: 19548
Ion Ratio Lower Upper
43 100
58 23.1 43.2 64.8#
57 22.4 15.4 23.0
100 0.0 10.0 15.0#





#51

Chlorobenzene

Concen: 253.437 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035152.D

Acq: 19 Apr 2023 02:52

Instrument :

MSVOA_X

ClientSampleId :

COMM8

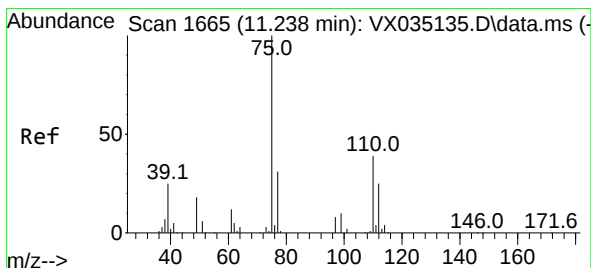
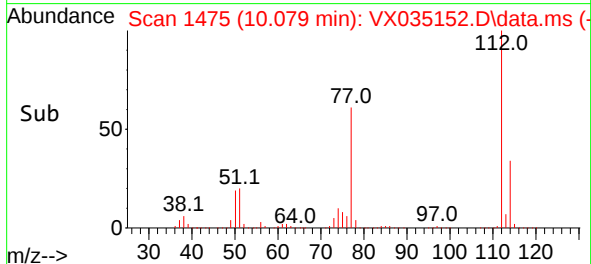
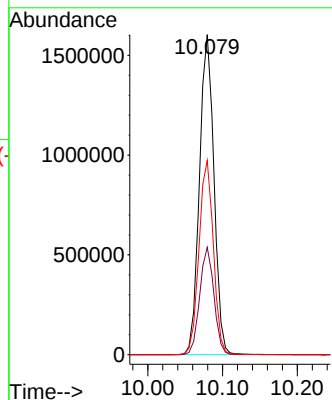
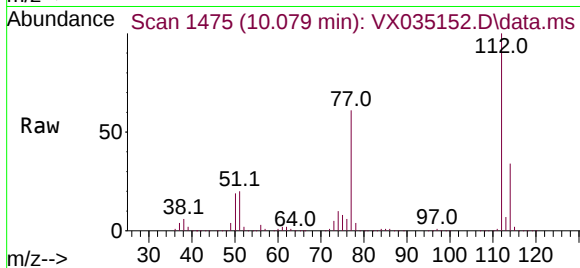
Tgt Ion:112 Resp: 2156314

Ion Ratio Lower Upper

112 100

114 33.6 22.4 41.6

77 60.7 47.0 70.6



#61

1,2,3-Trichloropropane

Concen: 13.148 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.732 min

Lab File: VX035152.D

Acq: 19 Apr 2023 02:52

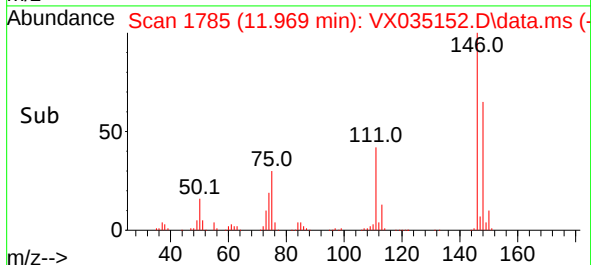
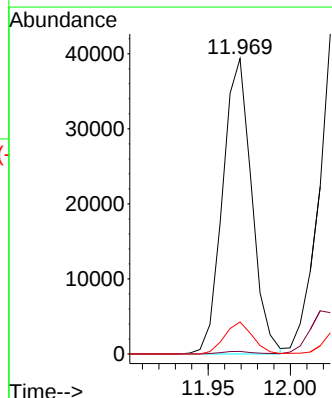
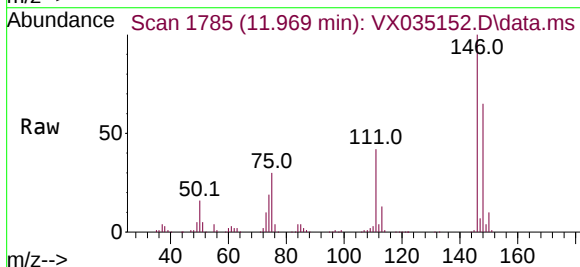
Tgt Ion: 75 Resp: 48235

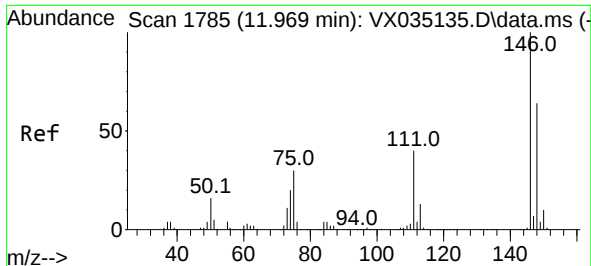
Ion Ratio Lower Upper

75 100

77 1.0 25.6 38.4#

110 10.5 32.5 48.7#

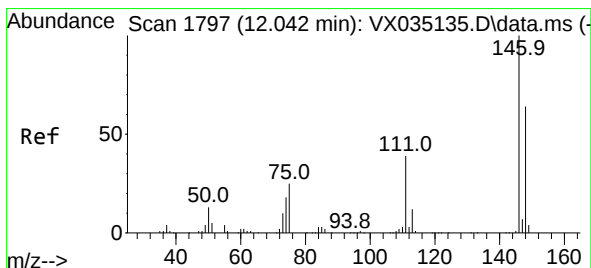
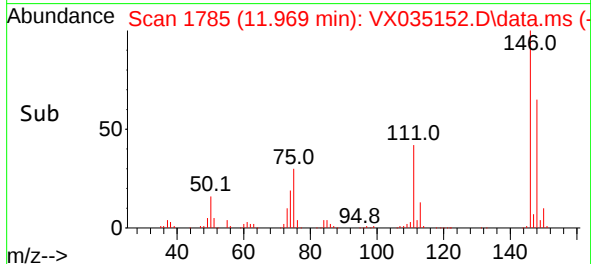
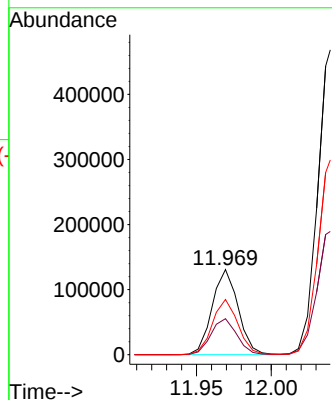
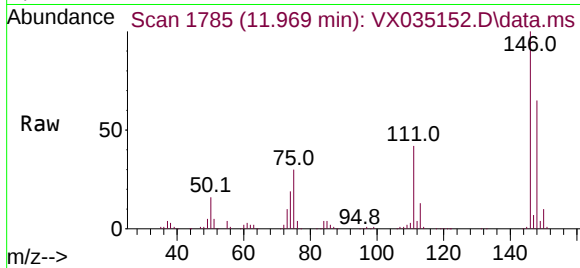




#64
1,3-Dichlorobenzene
Concen: 25.623 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035152.D
Acq: 19 Apr 2023 02:52

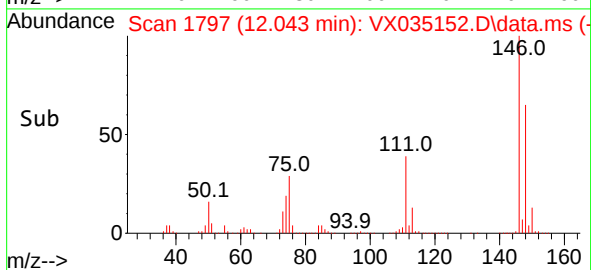
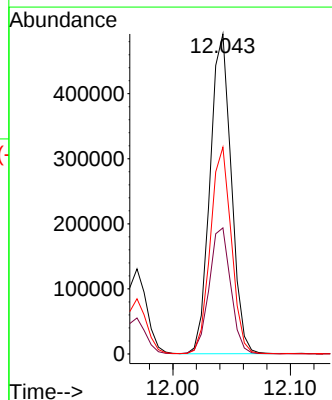
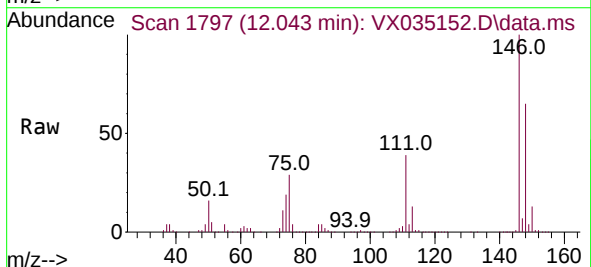
Instrument :
MSVOA_X
ClientSampleId :
COMM8

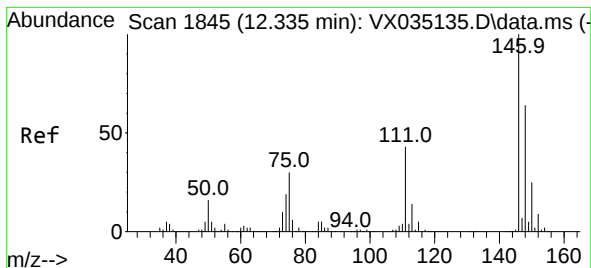
Tgt Ion:146 Resp: 157901
Ion Ratio Lower Upper
146 100
111 42.3 28.9 53.7
148 64.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 97.942 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035152.D
Acq: 19 Apr 2023 02:52

Tgt Ion:146 Resp: 617597
Ion Ratio Lower Upper
146 100
111 39.4 27.9 51.7
148 64.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 821.096 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035152.D

Acq: 19 Apr 2023 02:52

Instrument :

MSVOA_X

ClientSampleId :

COMM8

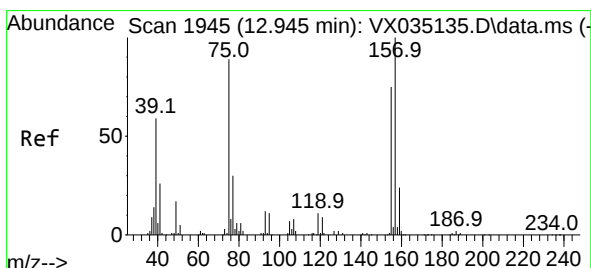
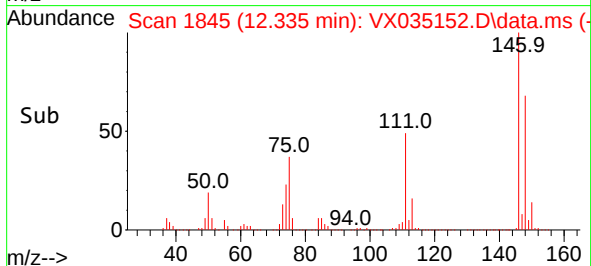
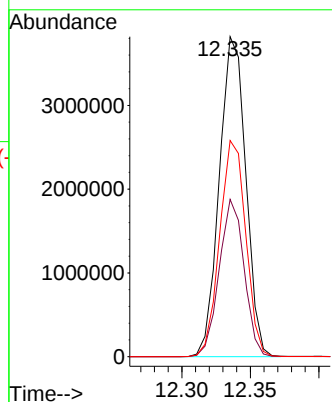
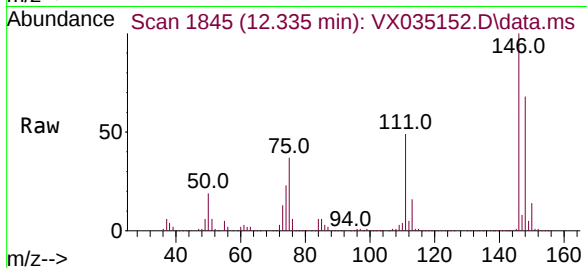
Tgt Ion:146 Resp: 5130529

Ion Ratio Lower Upper

146 100

111 49.1 34.7 52.1

148 67.6 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.136 ug/L

RT: 12.920 min Scan# 1941

Delta R.T. -0.024 min

Lab File: VX035152.D

Acq: 19 Apr 2023 02:52

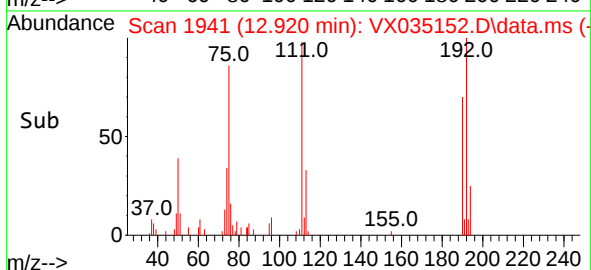
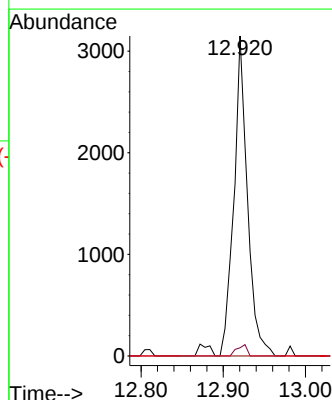
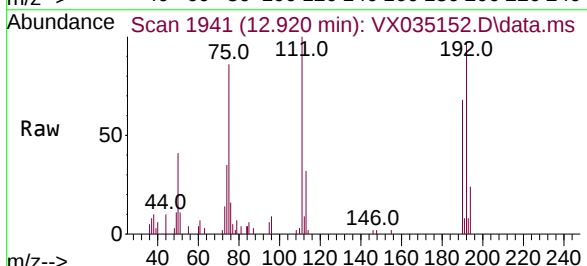
Tgt Ion: 75 Resp: 3744

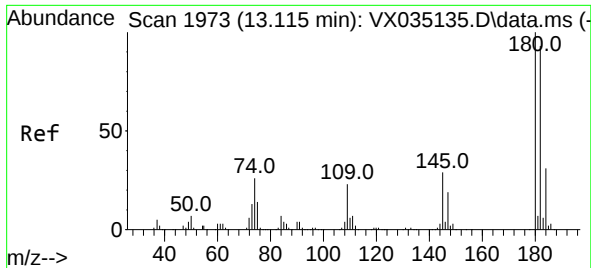
Ion Ratio Lower Upper

75 100

155 2.6 69.9 104.9#

157 0.0 90.4 135.6#

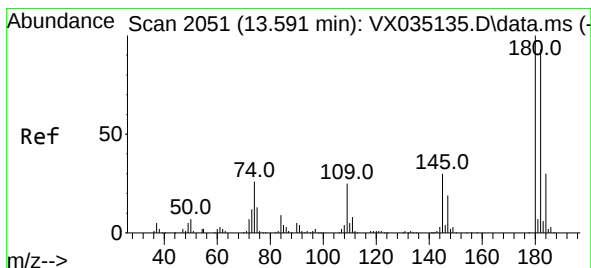
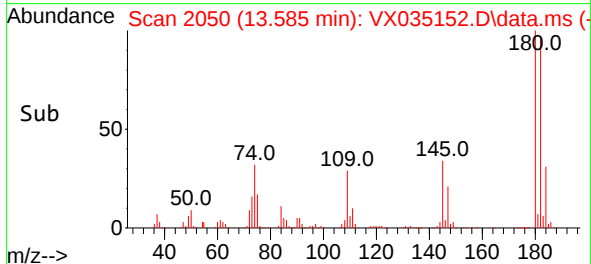
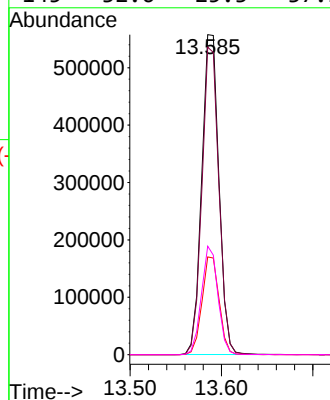
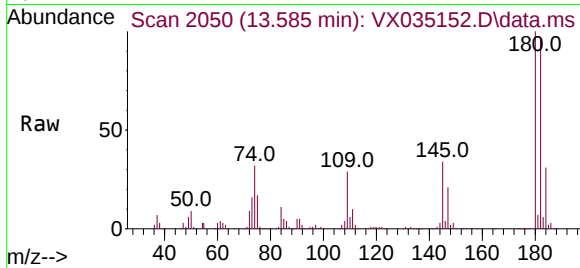




#69
 1,3,5-Trichlorobenzene
 Concen: 190.913 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.470 min
 Lab File: VX035152.D
 Acq: 19 Apr 2023 02:52

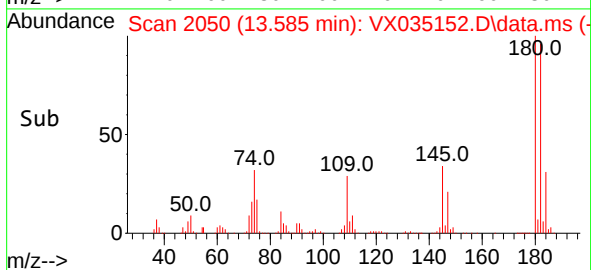
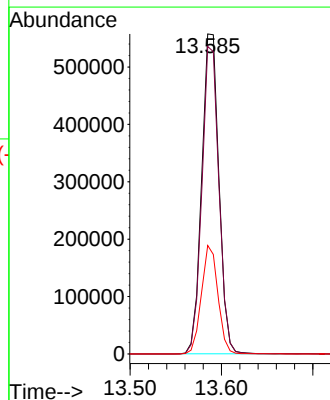
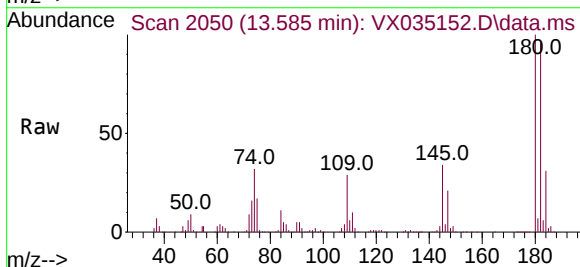
Instrument :
 MSVOA_X
 ClientSampleId :
 COMM8

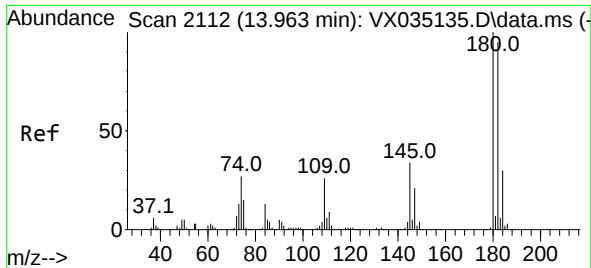
Tgt Ion:180 Resp: 727317
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.4 113.0
 184 30.5 23.8 35.8
 145 32.6 25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 203.888 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VX035152.D
 Acq: 19 Apr 2023 02:52

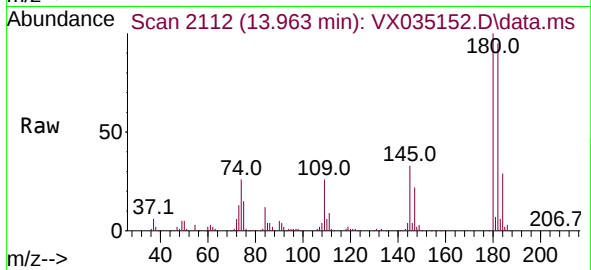
Tgt Ion:180 Resp: 727317
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.6 114.8
 145 32.6 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 34.171 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX035152.D
 Acq: 19 Apr 2023 02:52

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM8



Tgt Ion:	180	Resp:	120337
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.0	112.6
145	33.7	27.1	40.7

