

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035153.D
 Acq On : 19 Apr 2023 03:15
 Operator : JC/MD
 Sample : 02397-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM9

Quant Time: Apr 19 03:38:56 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)

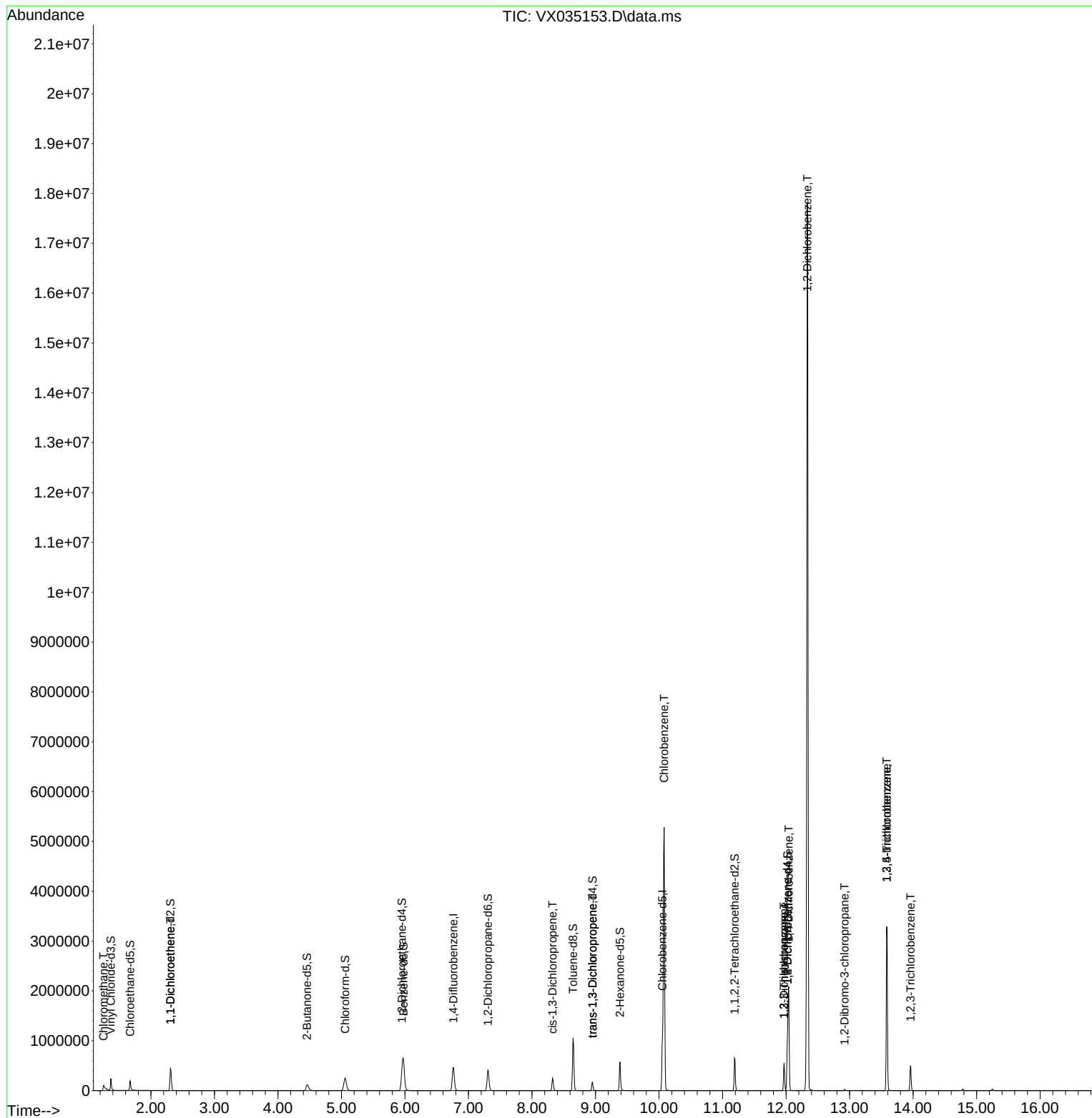
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	489222	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	430805	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	206587	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	162443	51.496	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.000%
7) Chloroethane-d5	1.672	69	126674	55.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.140%
11) 1,1-Dichloroethene-d2	2.306	65	79070	52.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.780%
21) 2-Butanone-d5	4.458	46	225645	107.340	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.056	84	315444	53.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.952	65	209815	55.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.000%
32) Benzene-d6	5.976	84	682055	55.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.220%
36) 1,2-Dichloropropane-d6	7.305	67	209401	55.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.780%
41) Toluene-d8	8.647	98	620850	54.893	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.780%
43) trans-1,3-Dichloroprop...	8.951	79	82003	49.638	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.280%
47) 2-Hexanone-d5	9.384	63	165615	109.098	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.100%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	250531	54.116	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.240%
66) 1,2-Dichlorobenzene-d4	12.024	152	206587	51.603	ug/L	-0.30
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						
3) Chloromethane	1.252	50	2841	0.851	ug/L #	42
12) 1,1-Dichloroethene	2.306	96	2059	0.704	ug/L #	1
39) cis-1,3-Dichloropropene	8.324	75	5336	1.039	ug/L #	69
44) trans-1,3-Dichloropropene	8.951	75	3710	0.802	ug/L #	75
51) Chlorobenzene	10.079	112	2298860	257.791	ug/L	98
61) 1,2,3-Trichloropropane	11.969	75	51906	13.609	ug/L #	49
64) 1,3-Dichlorobenzene	11.969	146	173699	27.112	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	651251	99.341	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	5411085	832.977	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.920	75	3820	4.059	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.585	180	778526	196.563	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	778526	209.922	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	124588	34.029	ug/L	99

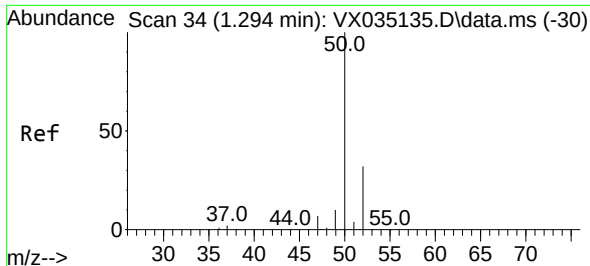
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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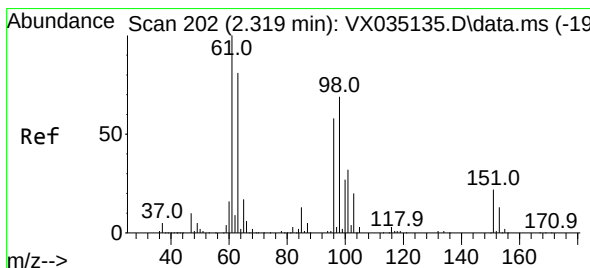
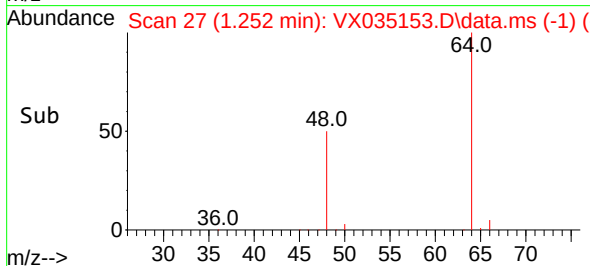
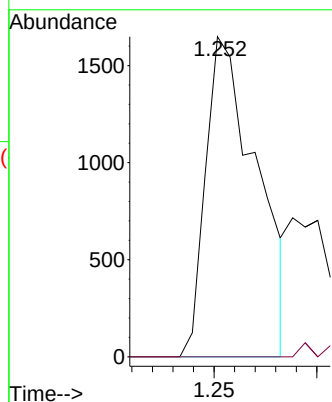
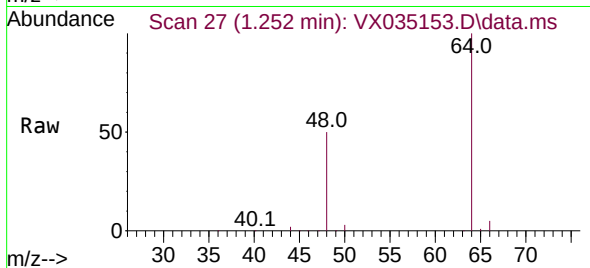




#3
Chloromethane
Concen: 0.851 ug/L
RT: 1.252 min Scan# 21
Delta R.T. -0.043 min
Lab File: VX035153.D
Acq: 19 Apr 2023 03:15

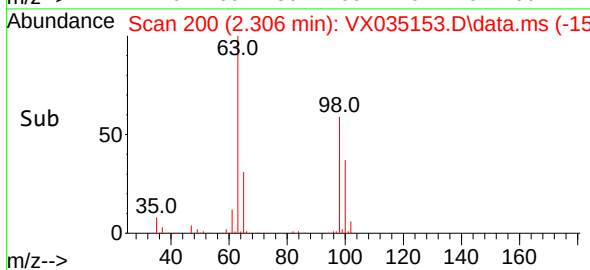
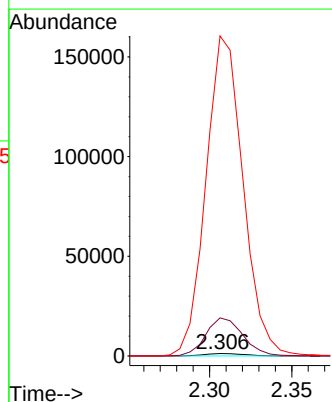
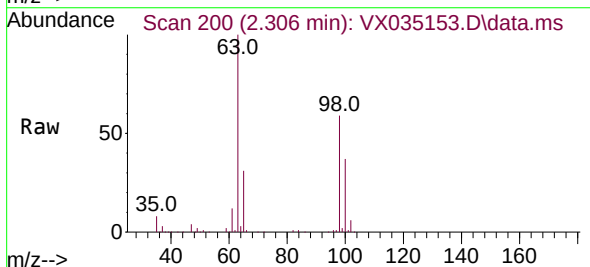
Instrument :
MSVOA_X
ClientSampleId :
COMM9

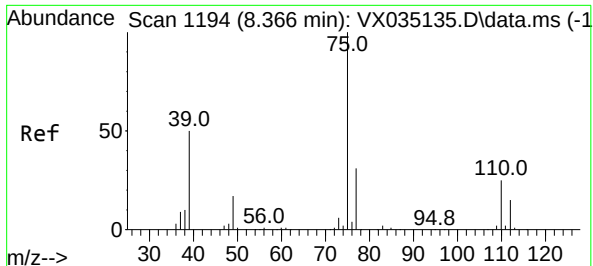
Tgt Ion: 50 Resp: 2841
Ion Ratio Lower Upper
50 100
52 0.0 23.0 42.6#



#12
1,1-Dichloroethene
Concen: 0.704 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX035153.D
Acq: 19 Apr 2023 03:15

Tgt Ion: 96 Resp: 2059
Ion Ratio Lower Upper
96 100
61 1557.7 119.0 221.0#
63 13071.0 91.0 169.0#





#39

cis-1,3-Dichloropropene

Concen: 1.039 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX035153.D

Acq: 19 Apr 2023 03:15

Instrument :

MSVOA_X

ClientSampleId :

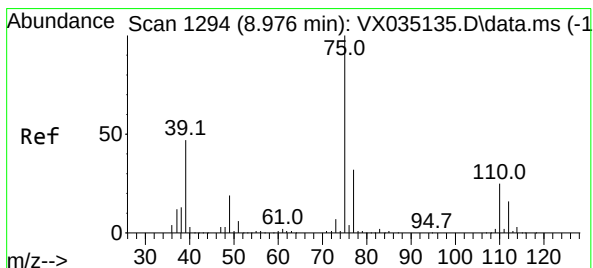
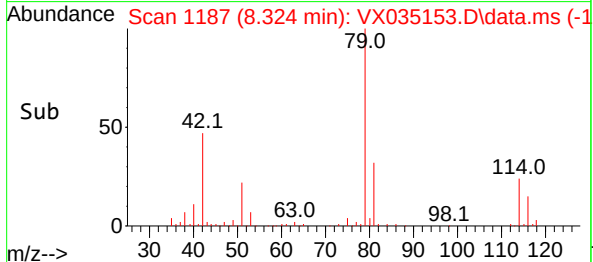
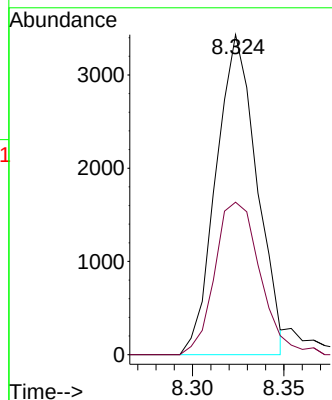
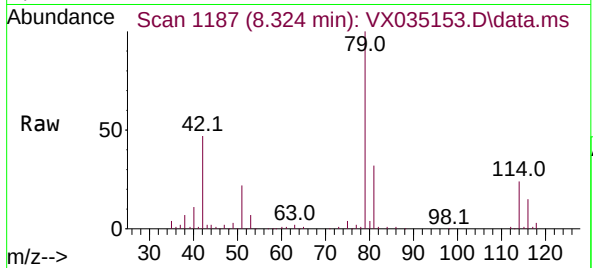
COMM9

Tgt Ion: 75 Resp: 5336

Ion Ratio Lower Upper

75 100

77 47.7 21.4 39.8#



#44

trans-1,3-Dichloropropene

Concen: 0.802 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX035153.D

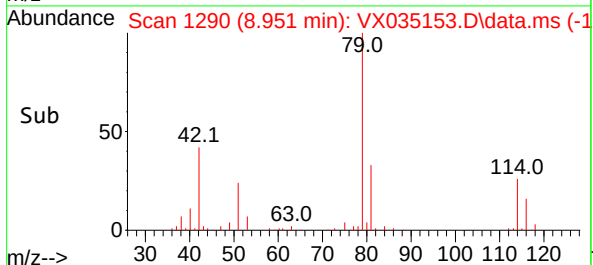
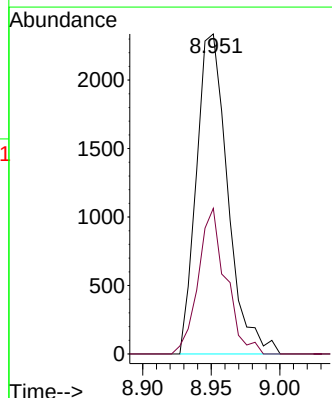
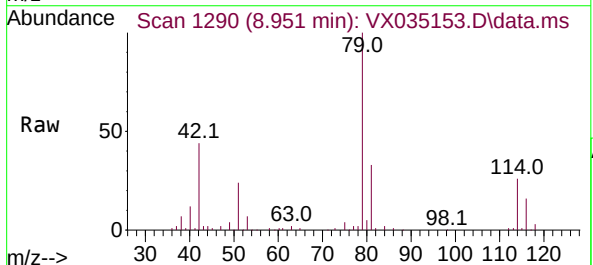
Acq: 19 Apr 2023 03:15

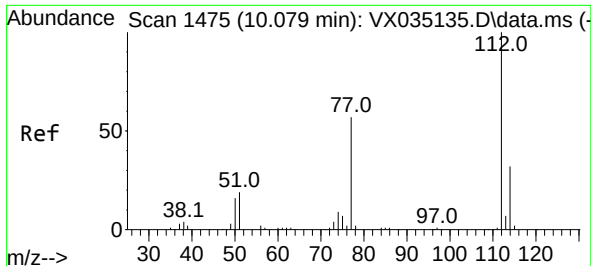
Tgt Ion: 75 Resp: 3710

Ion Ratio Lower Upper

75 100

77 45.5 22.0 40.8#

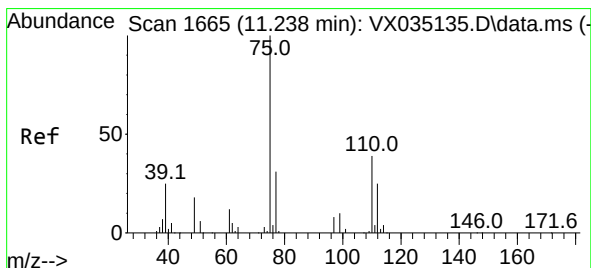
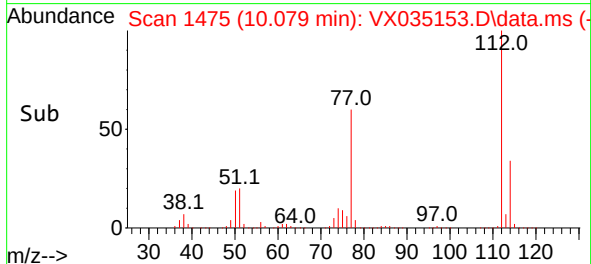
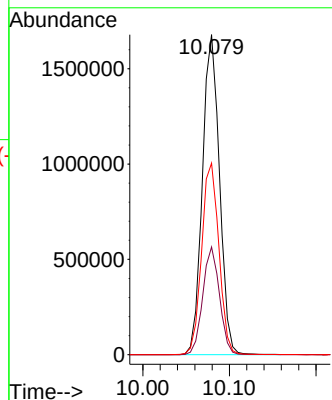
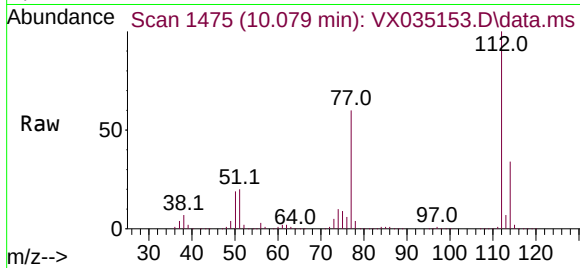




#51
Chlorobenzene
Concen: 257.791 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035153.D
Acq: 19 Apr 2023 03:15

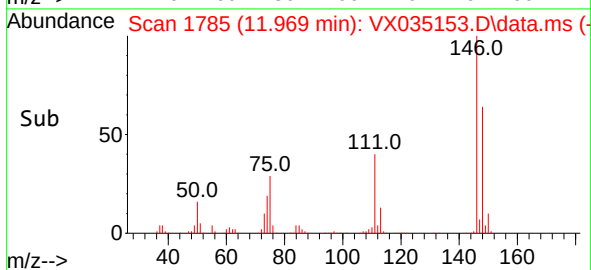
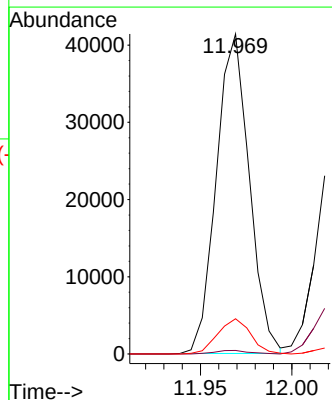
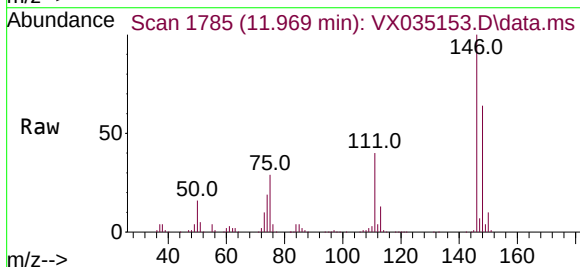
Instrument :
MSVOA_X
ClientSampleId :
COMM9

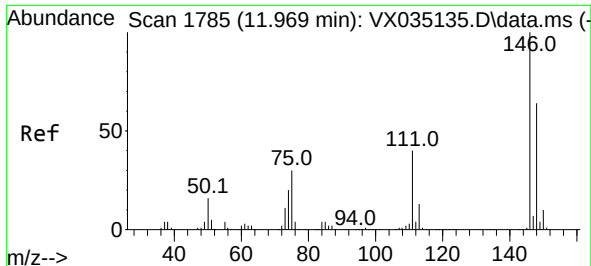
Tgt Ion:112 Resp: 2298860
Ion Ratio Lower Upper
112 100
114 33.7 22.4 41.6
77 59.8 47.0 70.6



#61
1,2,3-Trichloropropane
Concen: 13.609 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.732 min
Lab File: VX035153.D
Acq: 19 Apr 2023 03:15

Tgt Ion: 75 Resp: 51906
Ion Ratio Lower Upper
75 100
77 1.2 25.6 38.4#
110 11.0 32.5 48.7#

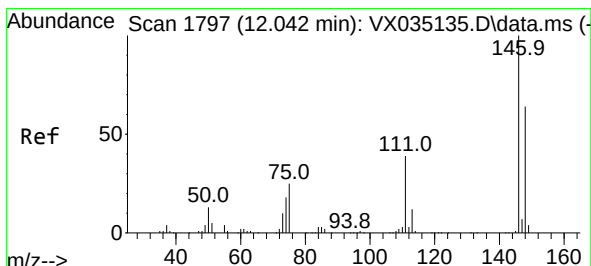
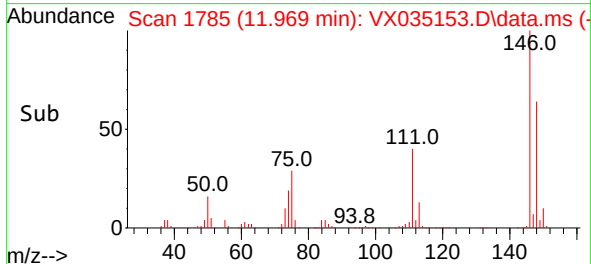
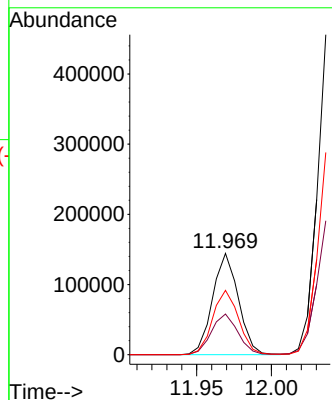
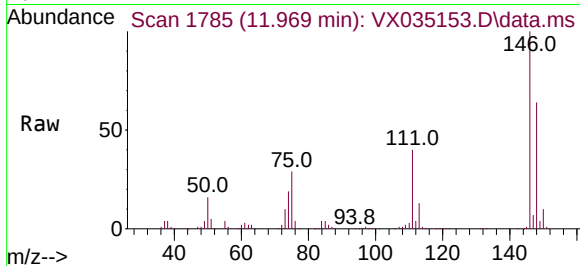




#64
1,3-Dichlorobenzene
Concen: 27.112 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035153.D
Acq: 19 Apr 2023 03:15

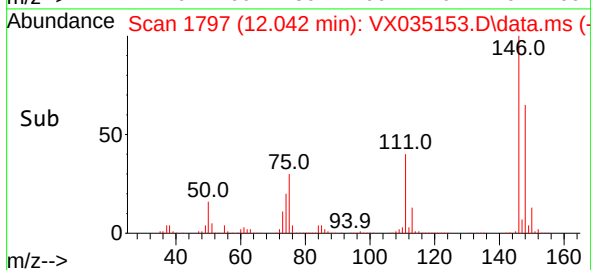
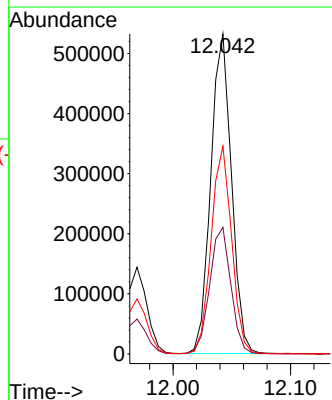
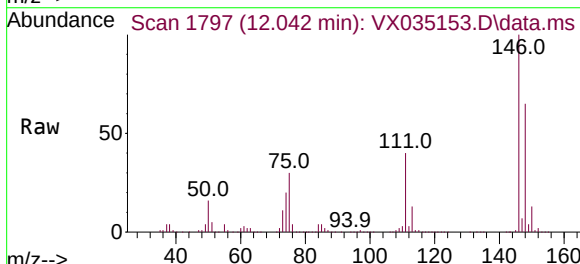
Instrument :
MSVOA_X
ClientSampleId :
COMM9

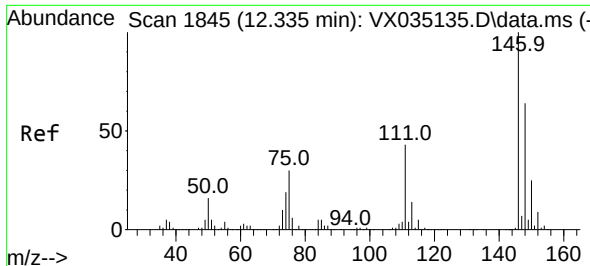
Tgt Ion:146 Resp: 173699
Ion Ratio Lower Upper
146 100
111 40.1 28.9 53.7
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 99.341 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035153.D
Acq: 19 Apr 2023 03:15

Tgt Ion:146 Resp: 651251
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.7
148 64.9 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 832.977 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX035153.D

Acq: 19 Apr 2023 03:15

Instrument :

MSVOA_X

ClientSampleId :

COMM9

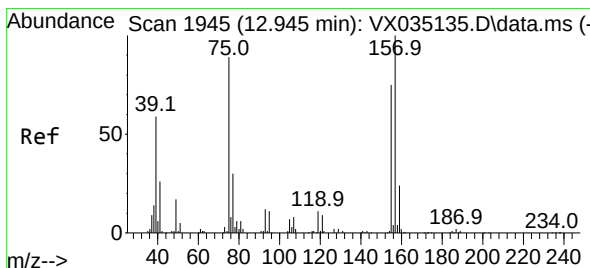
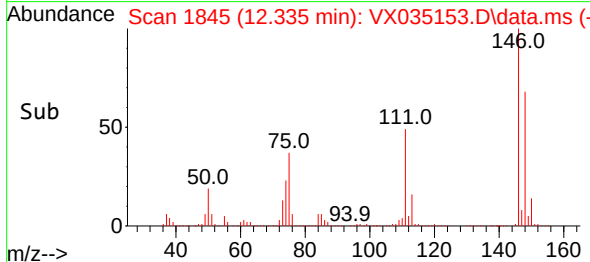
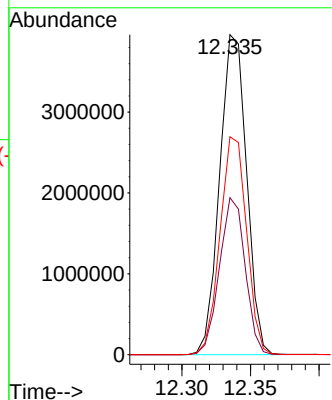
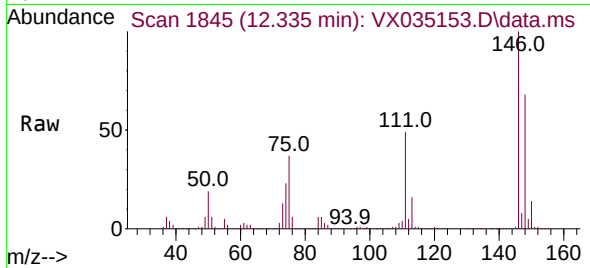
Tgt Ion:146 Resp: 5411085

Ion Ratio Lower Upper

146 100

111 49.1 34.7 52.1

148 68.1 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.059 ug/L

RT: 12.920 min Scan# 1941

Delta R.T. -0.024 min

Lab File: VX035153.D

Acq: 19 Apr 2023 03:15

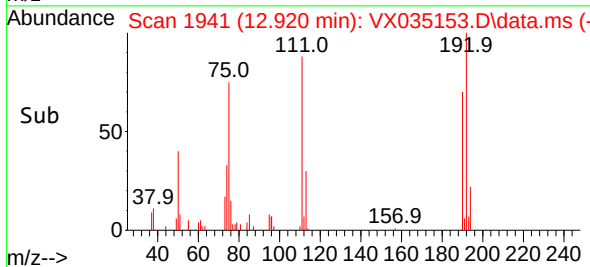
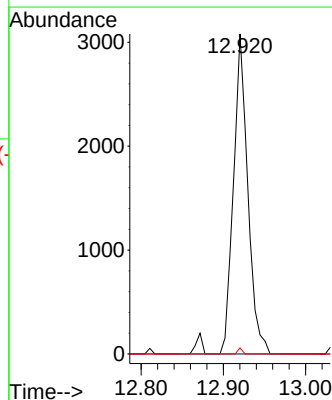
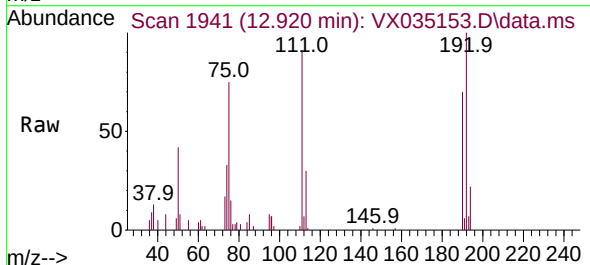
Tgt Ion: 75 Resp: 3820

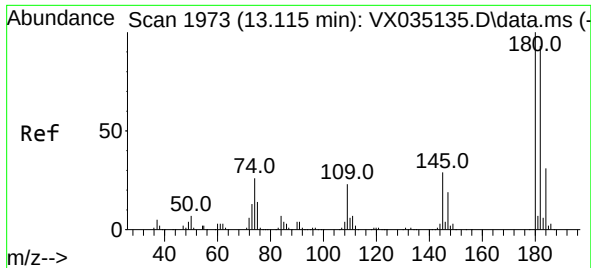
Ion Ratio Lower Upper

75 100

155 0.0 69.9 104.9#

157 1.9 90.4 135.6#





#69

1,3,5-Trichlorobenzene

Concen: 196.563 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.469 min

Lab File: VX035153.D

Acq: 19 Apr 2023 03:15

Instrument :

MSVOA_X

ClientSampleId :

COMM9

Tgt Ion:180 Resp: 778526

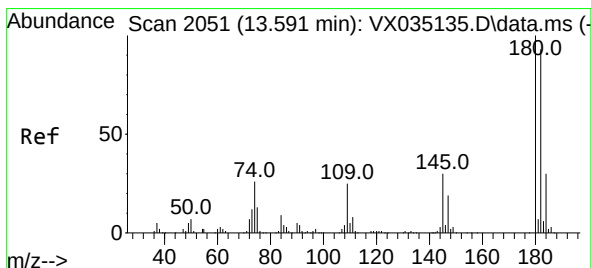
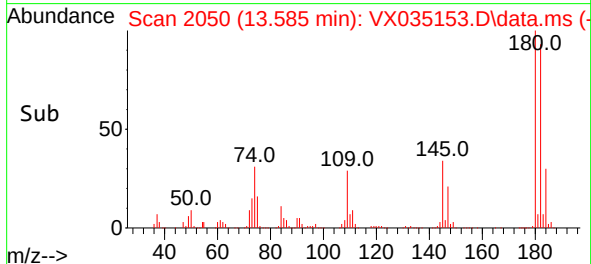
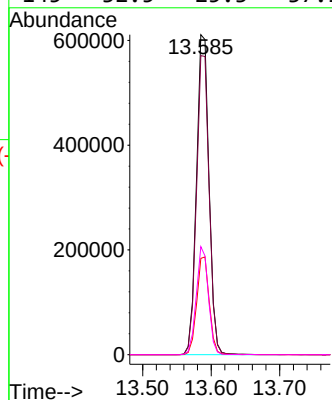
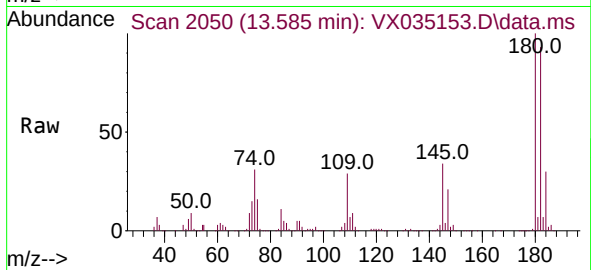
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.0

184 30.5 23.8 35.8

145 32.5 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 209.922 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX035153.D

Acq: 19 Apr 2023 03:15

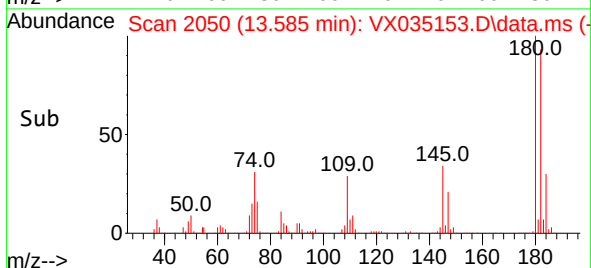
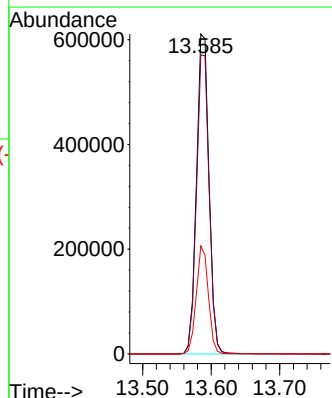
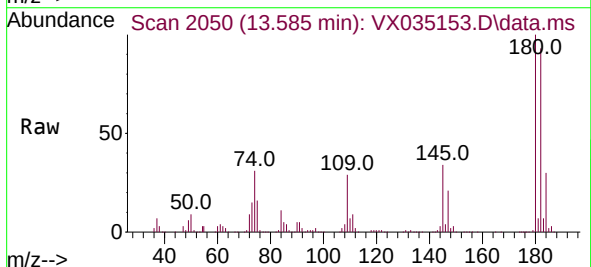
Tgt Ion:180 Resp: 778526

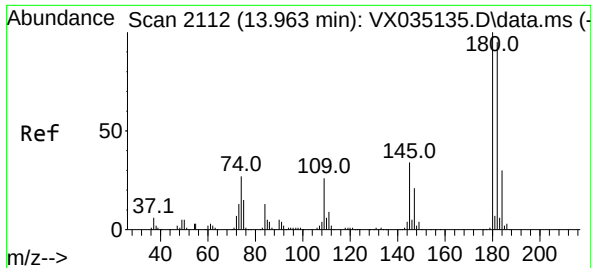
Ion Ratio Lower Upper

180 100

182 94.4 76.6 114.8

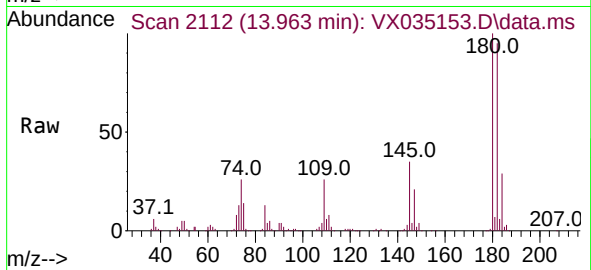
145 32.5 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 34.029 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035153.D
 Acq: 19 Apr 2023 03:15

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM9



Tgt Ion:	180	Resp:	124588
Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.0	112.6
145	34.1	27.1	40.7

