

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
 Data File : VU051475.D
 Acq On : 20 Oct 2022 16:29
 Operator : JC/MD
 Sample : N5180-05 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

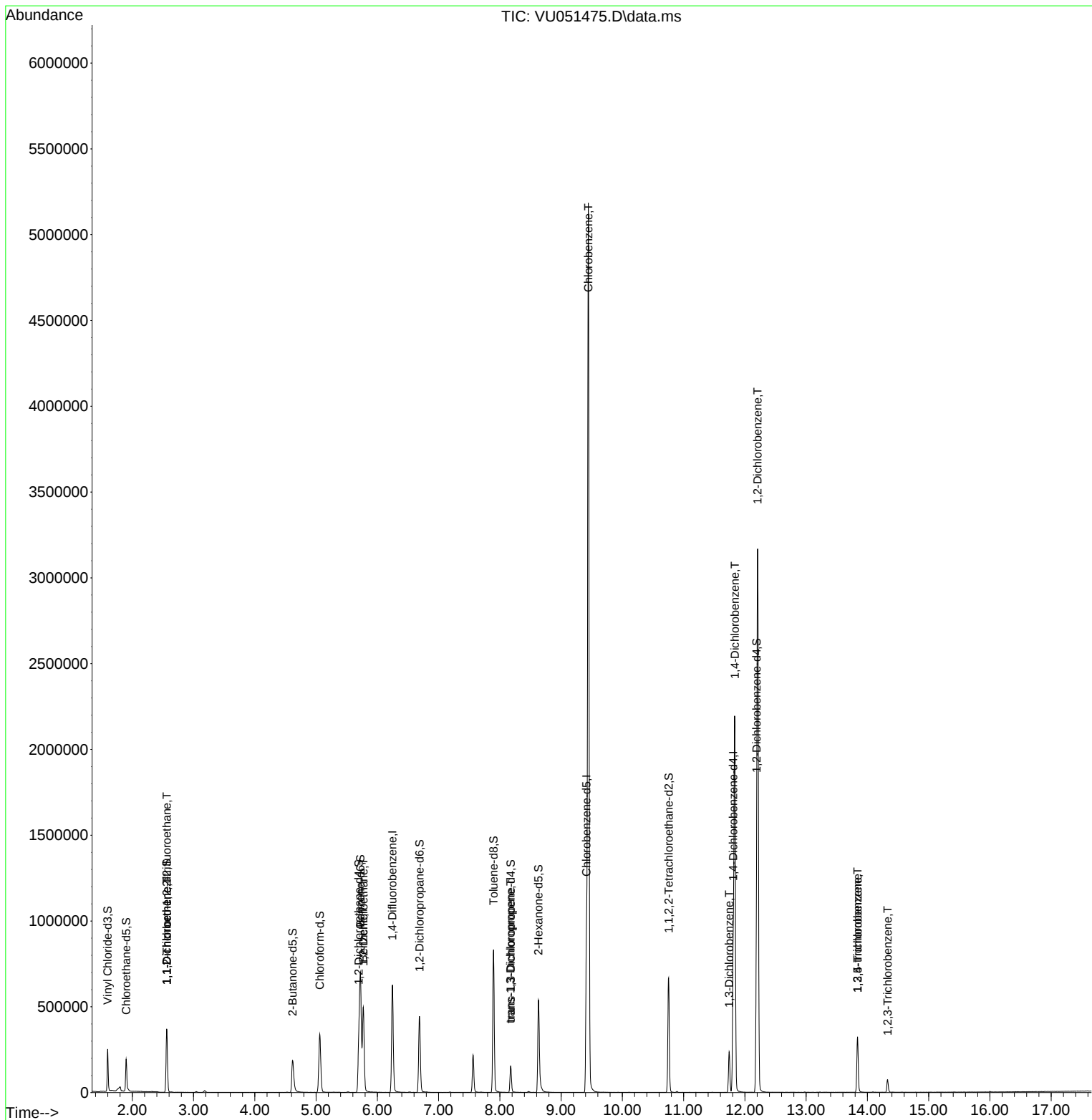
Quant Time: Oct 20 22:27:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

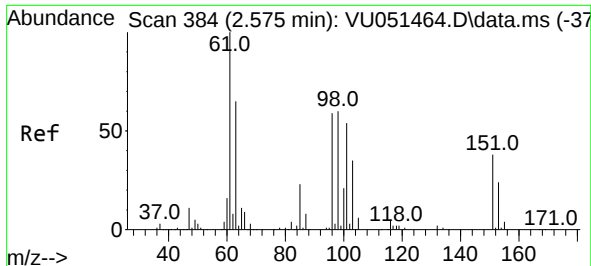
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	504429	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	500098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	222589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	173703	43.398	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.800%		
7) Chloroethane-d5	1.900	69	153122	46.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.880%		
11) 1,1-Dichloroethene-d2	2.562	63	223295	32.773	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.540%		
21) 2-Butanone-d5	4.617	46	260404	92.294	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.290%		
24) Chloroform-d	5.060	84	325173	44.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.460%		
26) 1,2-Dichloroethane-d4	5.697	65	211457	46.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.540%		
32) Benzene-d6	5.723	84	665832	49.165	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.320%		
36) 1,2-Dichloropropane-d6	6.687	67	218896	49.219	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.440%		
41) Toluene-d8	7.896	98	565362	45.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.600%		
43) trans-1,3-Dichloroprop...	8.176	79	87050	45.968	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.940%		
47) 2-Hexanone-d5	8.629	63	173053	88.592	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.590%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	339704	43.969	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.940%		
66) 1,2-Dichlorobenzene-d4	12.192	152	223077	53.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.080%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1969	0.499	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1863	0.498	ug/L #	1
27) 1,2-Dichloroethane	5.774	62	4190	0.690	ug/L #	73
33) Benzene	5.771	78	486502	29.758	ug/L	100
44) trans-1,3-Dichloropropene	8.173	75	3764	0.654	ug/L	96
51) Chlorobenzene	9.443	112	2754647	250.734	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	100134	14.034	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	869372	118.477	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	1211613	163.013	ug/L	99
69) 1,3,5-Trichlorobenzene	13.838	180	102339	21.381	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	102339	27.771	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	23691	5.989	ug/L	99

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

Quant Time: Oct 20 22:27:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 20 21:53:25 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.499 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU051475.D

Acq: 20 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :

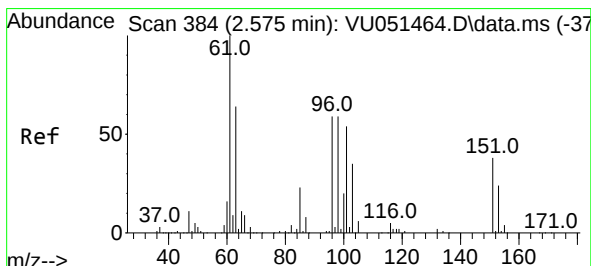
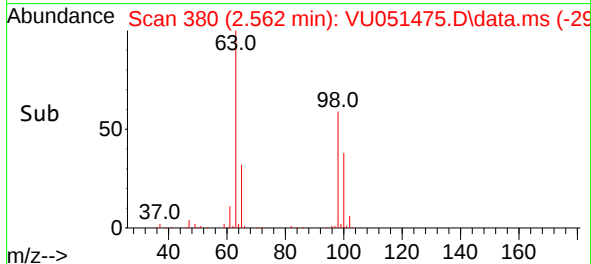
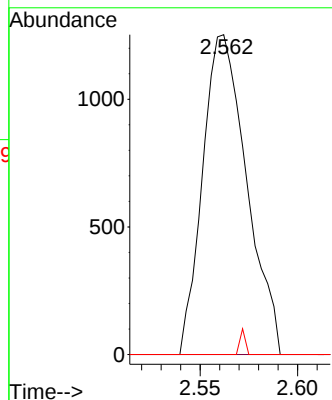
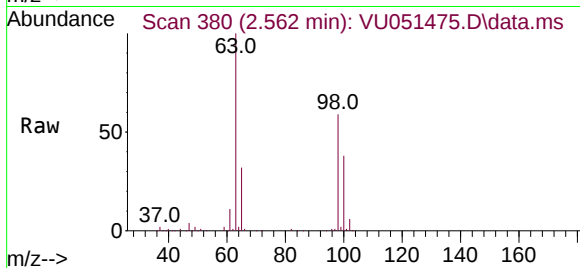
Tgt Ion:101 Resp: 1969

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 57.8 86.8#



#12

1,1-Dichloroethene

Concen: 0.498 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.013 min

Lab File: VU051475.D

Acq: 20 Oct 2022 16:29

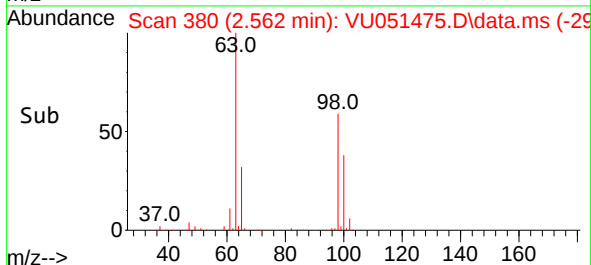
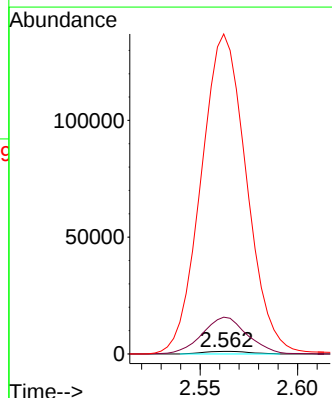
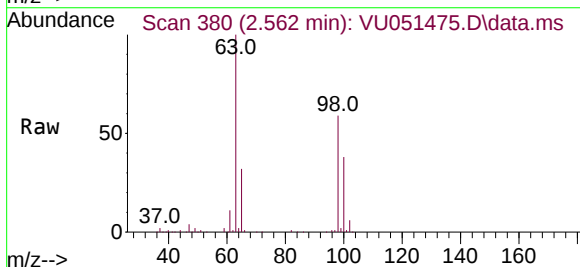
Tgt Ion: 96 Resp: 1863

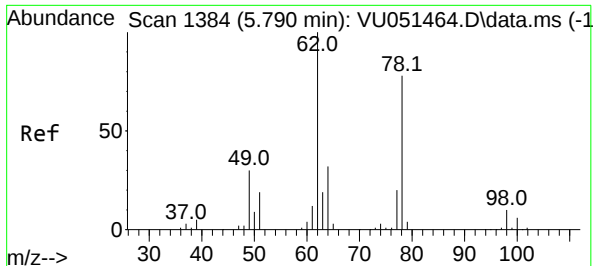
Ion Ratio Lower Upper

96 100

61 1443.9 119.0 221.0#

63 12559.5 78.5 145.7#

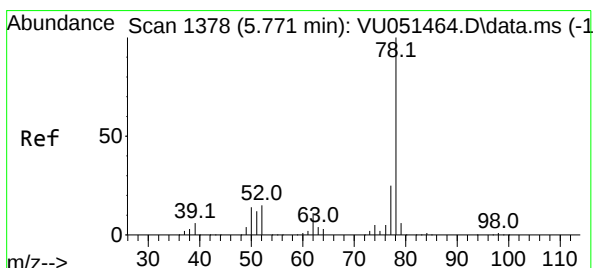
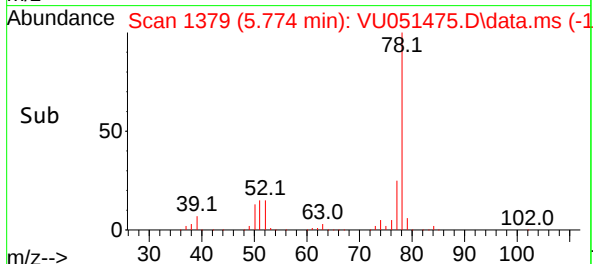
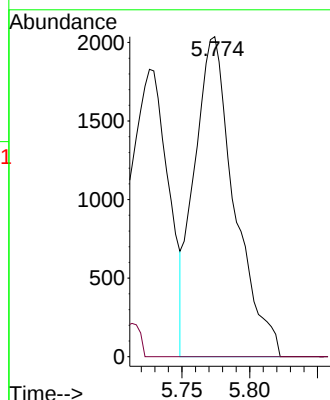
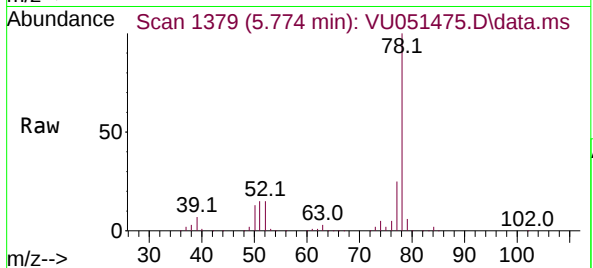




#27
1,2-Dichloroethane
Concen: 0.690 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.016 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

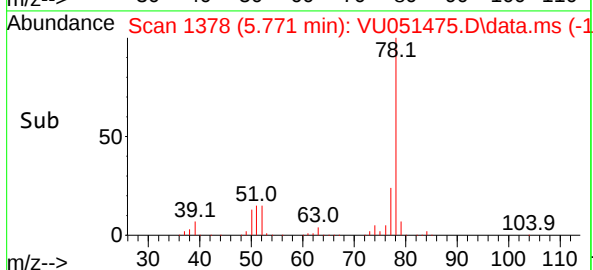
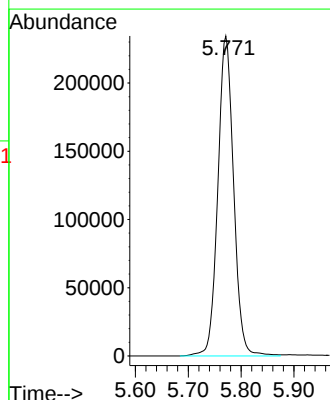
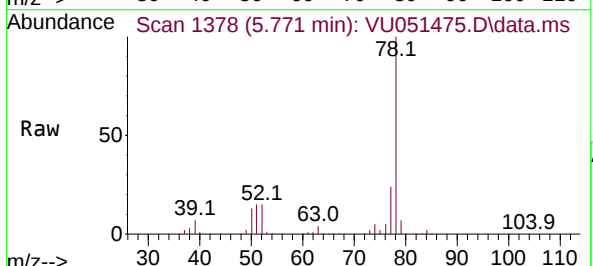
Instrument :
MSVOA_U
ClientSampleId :

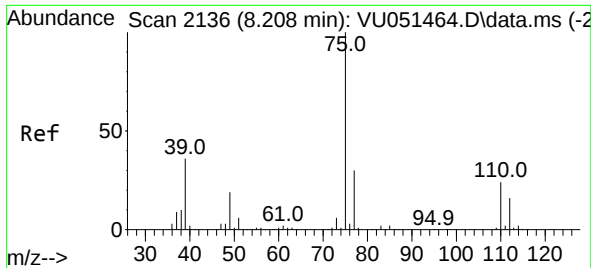
Tgt Ion: 62 Resp: 4190
Ion Ratio Lower Upper
62 100
98 0.0 8.0 12.0#



#33
Benzene
Concen: 29.758 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Tgt Ion: 78 Resp: 486502

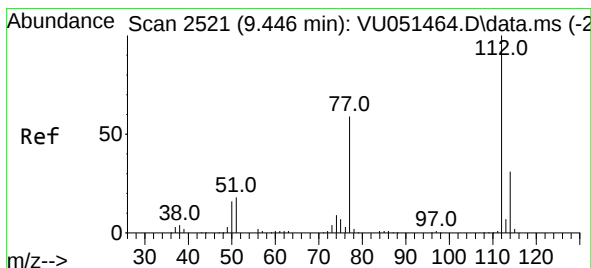
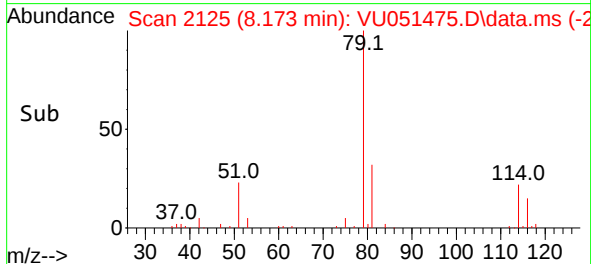
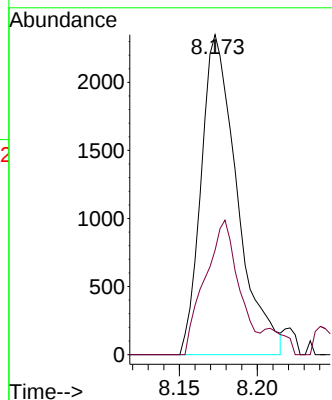
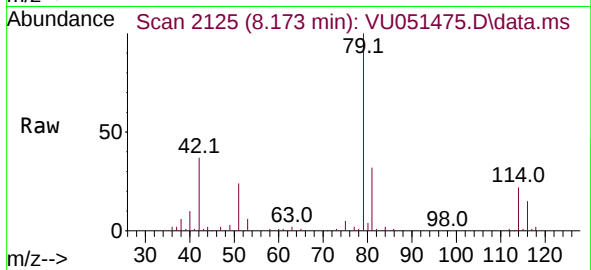




#44
trans-1,3-Dichloropropene
Concen: 0.654 ug/L
RT: 8.173 min Scan# 2136
Delta R.T. -0.035 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

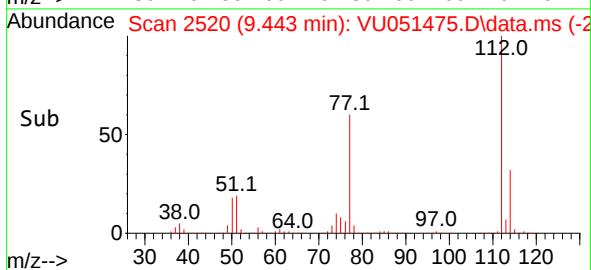
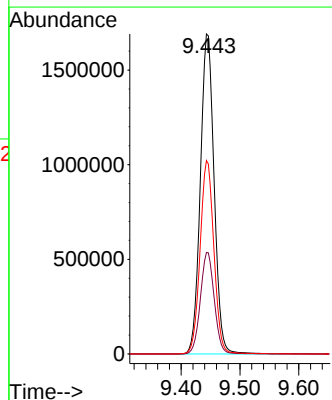
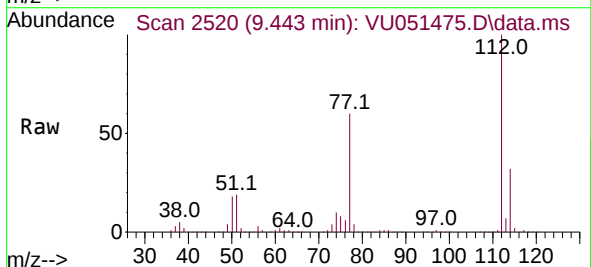
Instrument :
MSVOA_U
ClientSampleId :

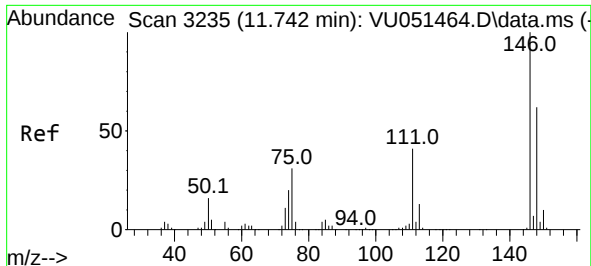
Tgt Ion: 75 Resp: 3764
Ion Ratio Lower Upper
75 100
77 32.6 21.3 39.5



#51
Chlorobenzene
Concen: 250.734 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

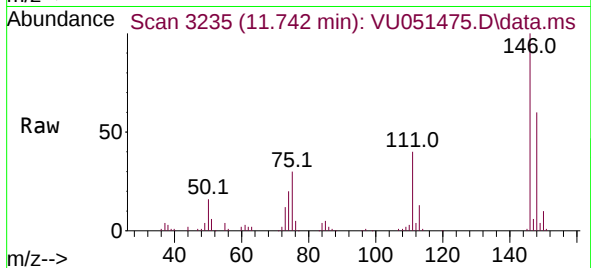
Tgt Ion: 112 Resp: 2754647
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 60.4 47.3 70.9



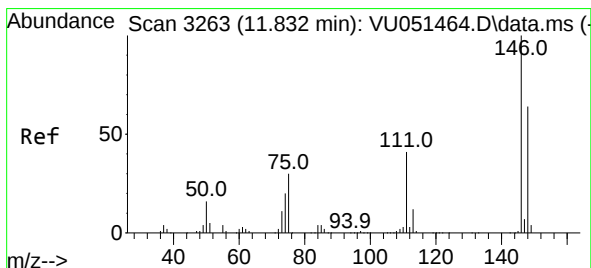
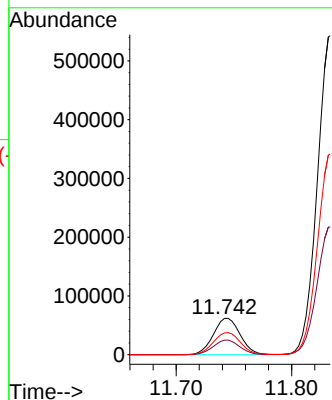
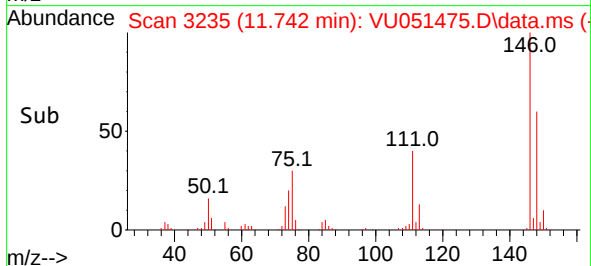


#64
1,3-Dichlorobenzene
Concen: 14.034 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

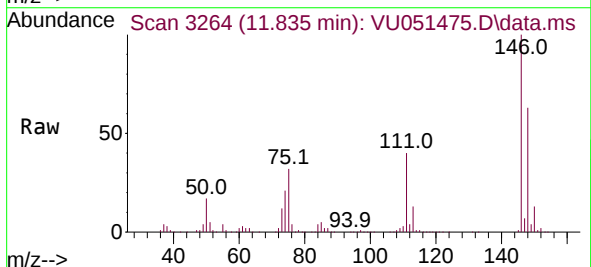
Instrument :
MSVOA_U
ClientSampleId :



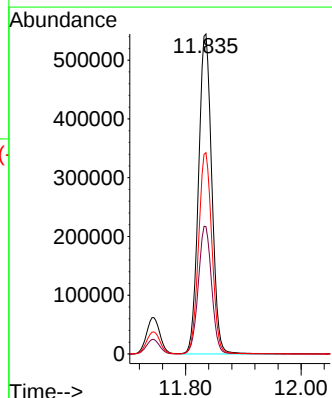
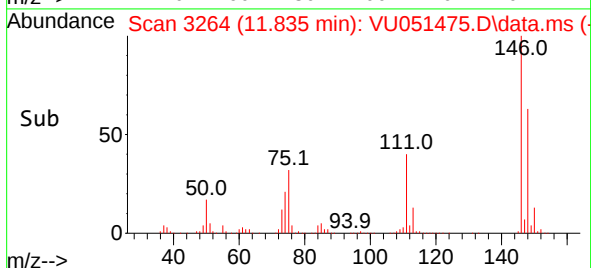
Tgt Ion:146 Resp: 100134
Ion Ratio Lower Upper
146 100
111 40.1 28.7 53.3
148 60.0 43.2 80.2

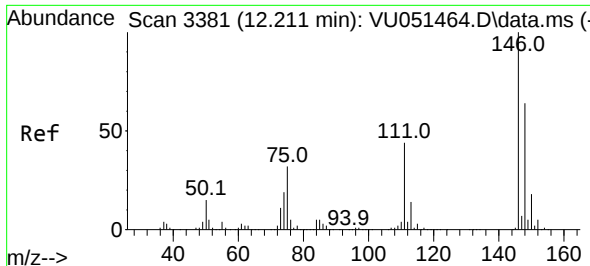


#65
1,4-Dichlorobenzene
Concen: 118.477 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29



Tgt Ion:146 Resp: 869372
Ion Ratio Lower Upper
146 100
111 39.8 28.9 53.7
148 62.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 163.013 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051475.D

Acq: 20 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :

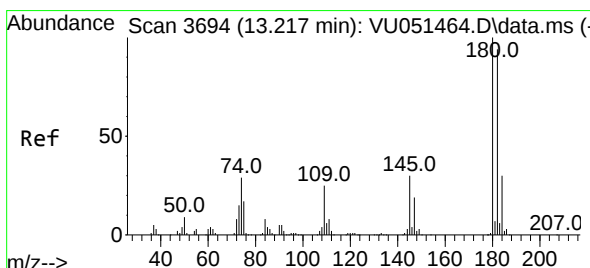
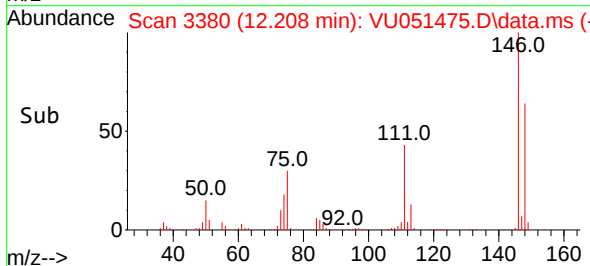
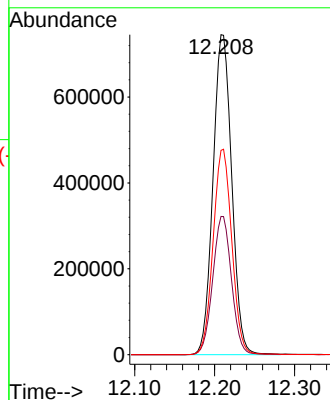
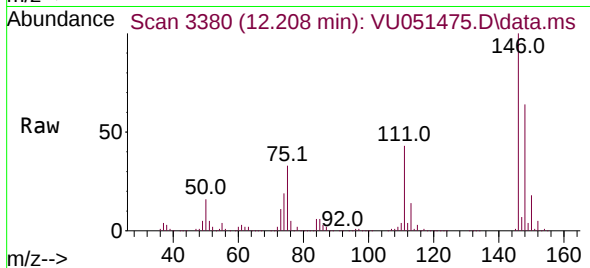
Tgt Ion:146 Resp: 1211613

Ion Ratio Lower Upper

146 100

111 43.2 35.3 52.9

148 63.8 51.1 76.7



#69

1,3,5-Trichlorobenzene

Concen: 21.381 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.621 min

Lab File: VU051475.D

Acq: 20 Oct 2022 16:29

Tgt Ion:180 Resp: 102339

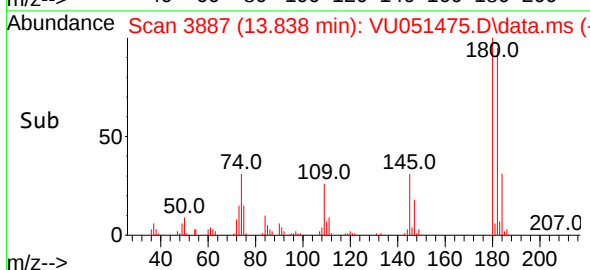
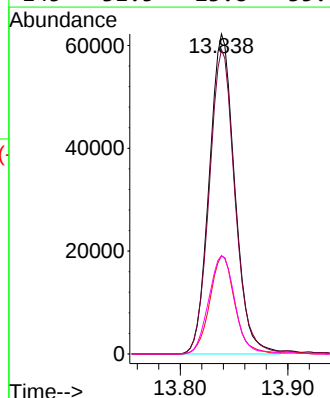
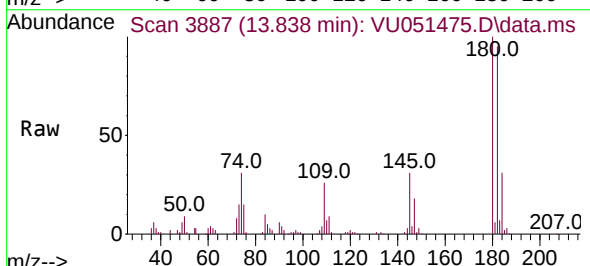
Ion Ratio Lower Upper

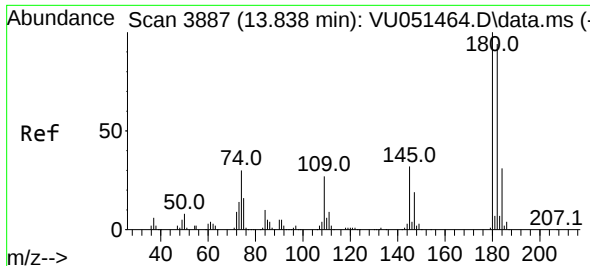
180 100

182 95.6 75.6 113.4

184 30.2 23.9 35.9

145 31.5 23.8 35.8

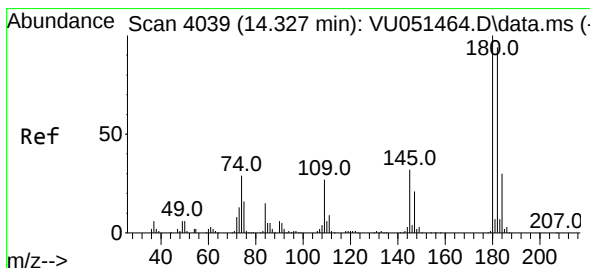
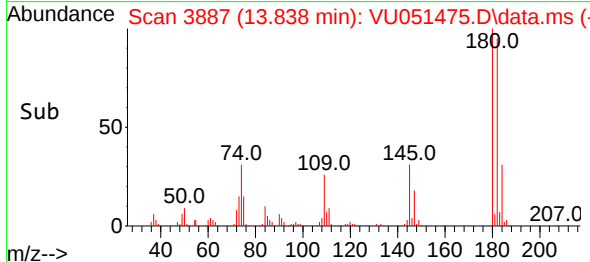
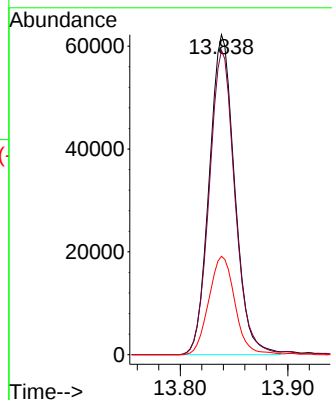
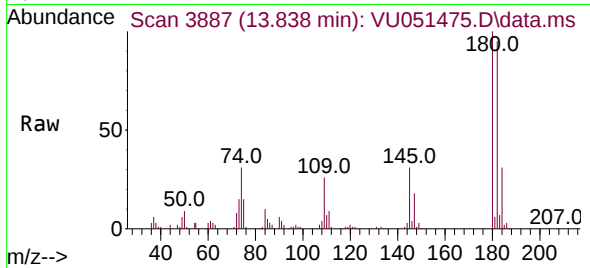




#70
1,2,4-trichlorobenzene
Concen: 27.771 ug/L
RT: 13.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 102339
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.4
145 31.5 25.0 37.6



#72
1,2,3-Trichlorobenzene
Concen: 5.989 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051475.D
Acq: 20 Oct 2022 16:29

Tgt Ion:180 Resp: 23691
Ion Ratio Lower Upper
180 100
182 94.1 75.4 113.2
145 33.9 25.3 37.9

