

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050611.D
 Acq On : 03 Sep 2022 14:49
 Operator : SY/MD
 Sample : N4399-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Sep 05 01:07:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

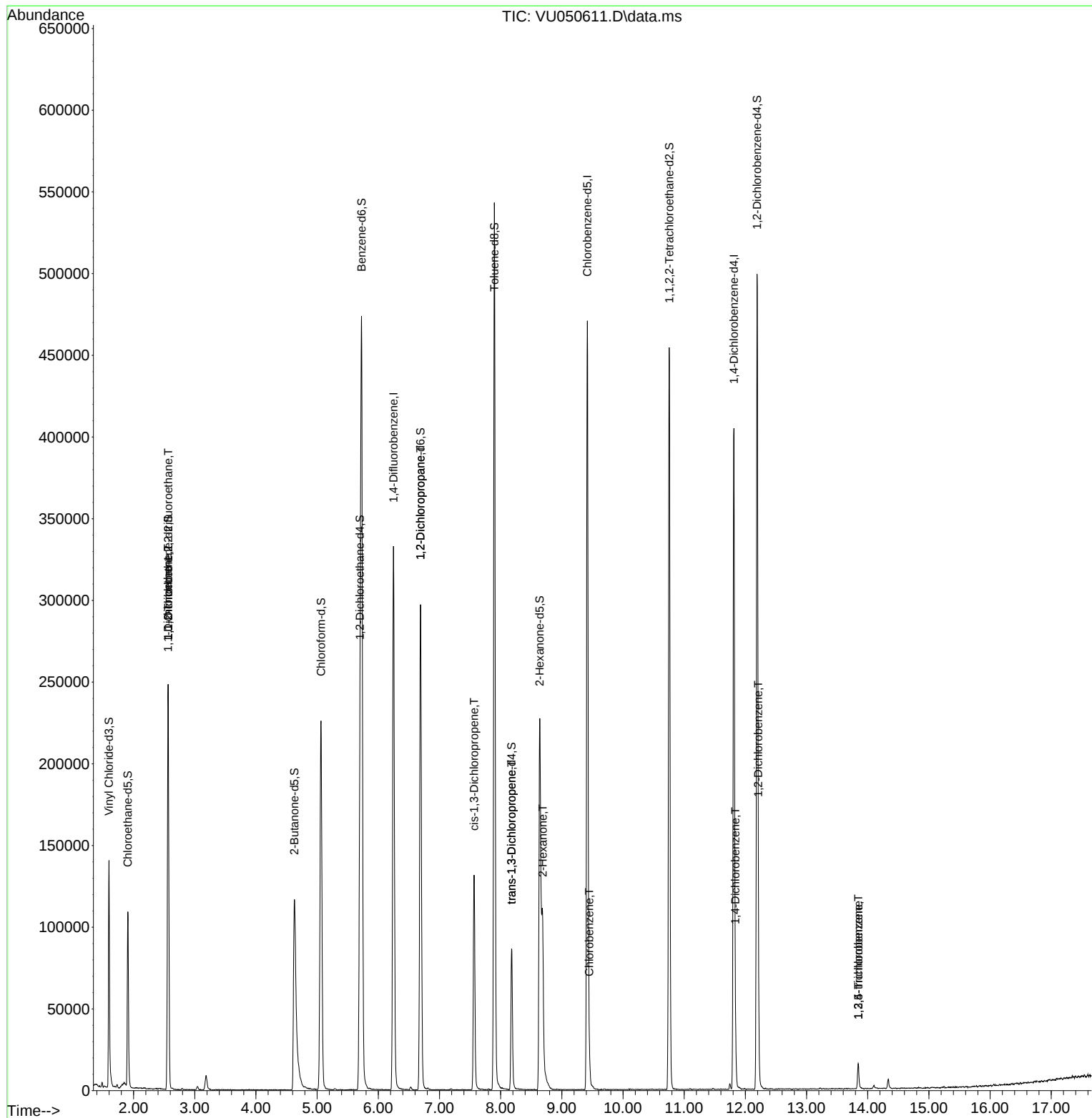
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	280288	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	273961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111763	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	108675	45.332	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.660%		
7) Chloroethane-d5	1.906	69	80418	49.605	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.200%		
11) 1,1-Dichloroethene-d2	2.565	63	144985	34.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.440%		
21) 2-Butanone-d5	4.629	46	177615	101.265	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.270%		
24) Chloroform-d	5.063	84	217215	47.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.620%		
26) 1,2-Dichloroethane-d4	5.700	65	144891	52.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.360%		
32) Benzene-d6	5.726	84	448787	49.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.140%		
36) 1,2-Dichloropropane-d6	6.690	67	153630	51.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.360%		
41) Toluene-d8	7.896	98	368690	47.621	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.240%		
43) trans-1,3-Dichloroprop...	8.179	79	53665	43.634	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.260%		
47) 2-Hexanone-d5	8.636	63	69601	93.089	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.090%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	239299	53.199	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	132705	50.723	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.440%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1259	0.575	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1310	0.616	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	15323	5.818	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3270	0.917	ug/L #	73
44) trans-1,3-Dichloropropene	8.179	75	2613	0.781	ug/L	99
48) 2-Hexanone	8.687	43	52520	15.681	ug/L	93
51) Chlorobenzene	9.446	112	9142	1.454	ug/L #	89
65) 1,4-Dichlorobenzene	11.835	146	12533	3.257	ug/L	91
67) 1,2-Dichlorobenzene	12.211	146	14288	3.446	ug/L	94
69) 1,3,5-Trichlorobenzene	13.844	180	5752	2.036	ug/L	93
70) 1,2,4-trichlorobenzene	13.844	180	5752	2.398	ug/L	92

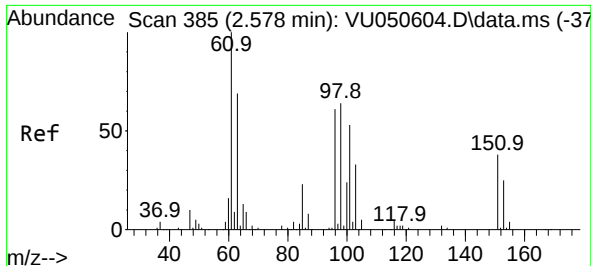
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
Data File : VU050611.D
Acq On : 03 Sep 2022 14:49
Operator : SY/MD
Sample : N4399-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Quant Time: Sep 05 01:07:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 05 01:05:15 2022
Response via : Initial Calibration

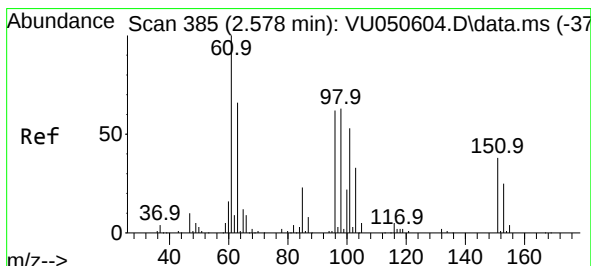
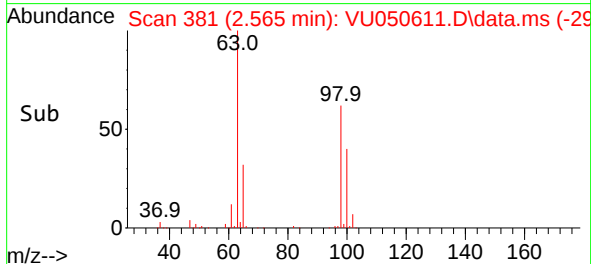
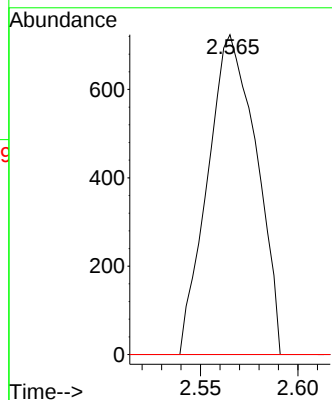
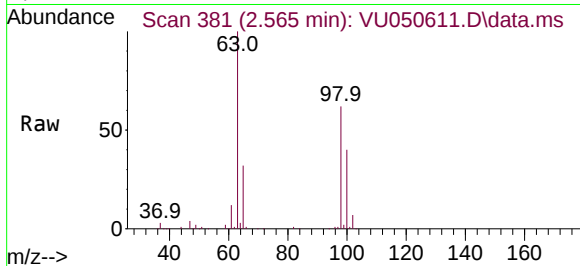




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.575 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU050611.D
 Acq: 03 Sep 2022 14:49

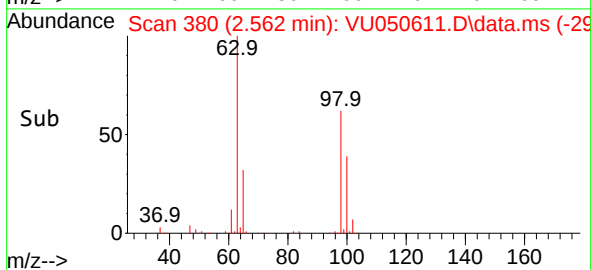
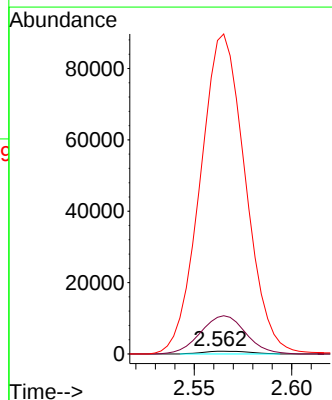
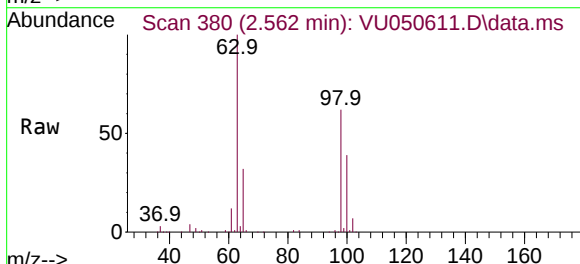
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

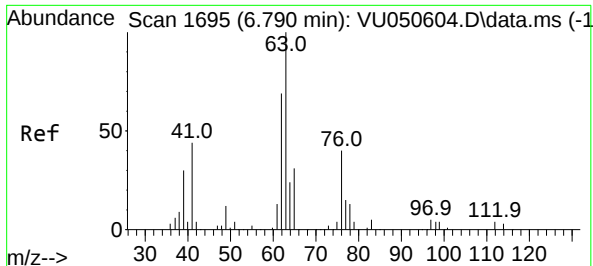
Tgt Ion:101 Resp: 1259
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.616 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU050611.D
 Acq: 03 Sep 2022 14:49

Tgt Ion: 96 Resp: 1310
 Ion Ratio Lower Upper
 96 100
 61 1305.1 118.0 219.1#
 63 11164.4 79.5 147.7#





#37

1,2-Dichloropropane

Concen: 5.818 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050611.D

Acq: 03 Sep 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

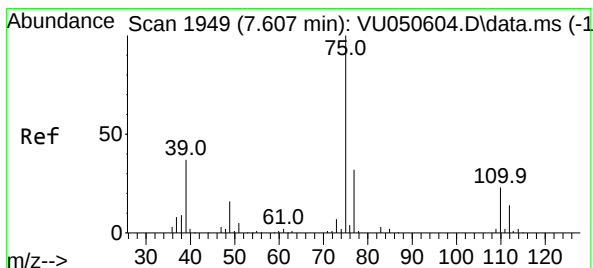
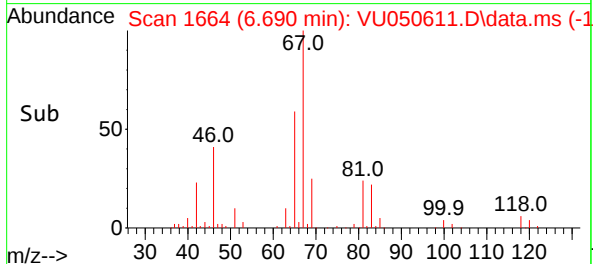
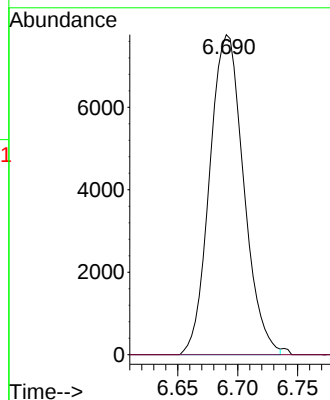
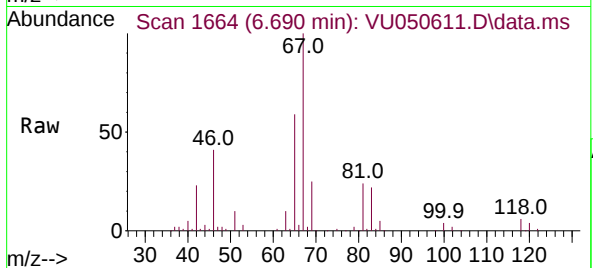
VHBLK001

Tgt Ion: 63 Resp: 15323

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.917 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050611.D

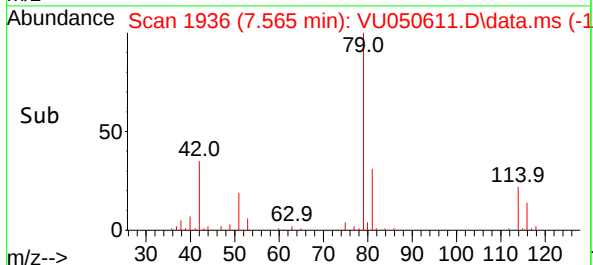
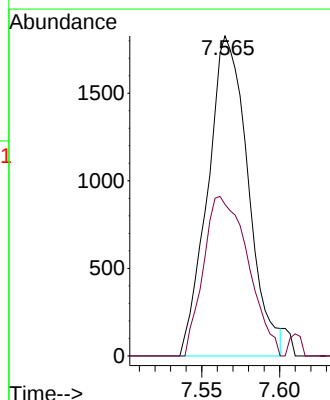
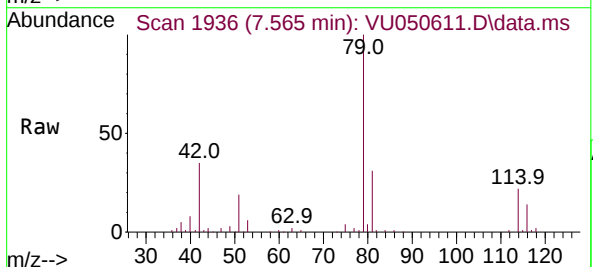
Acq: 03 Sep 2022 14:49

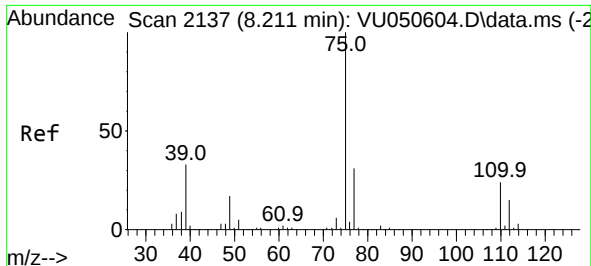
Tgt Ion: 75 Resp: 3270

Ion Ratio Lower Upper

75 100

77 47.3 22.5 41.7#

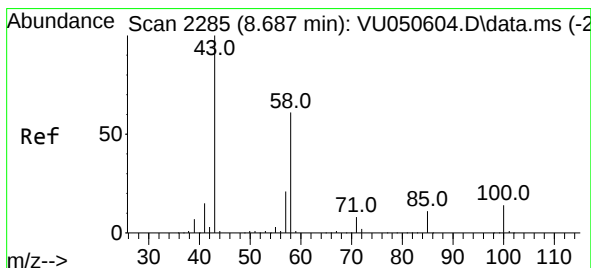
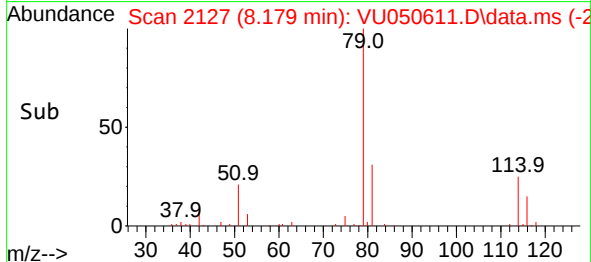
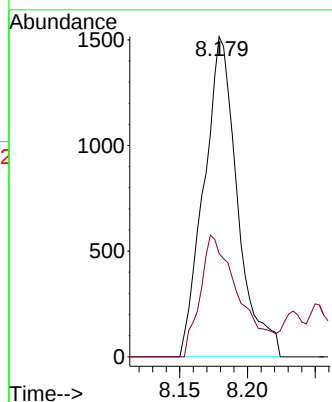
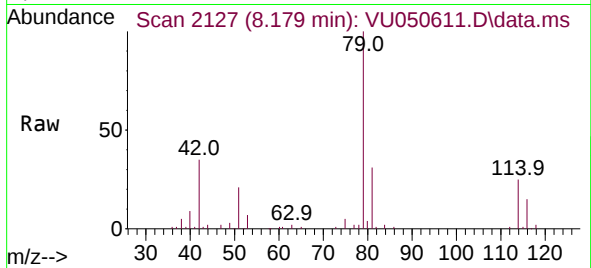




#44
trans-1,3-Dichloropropene
Concen: 0.781 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050611.D
Acq: 03 Sep 2022 14:49

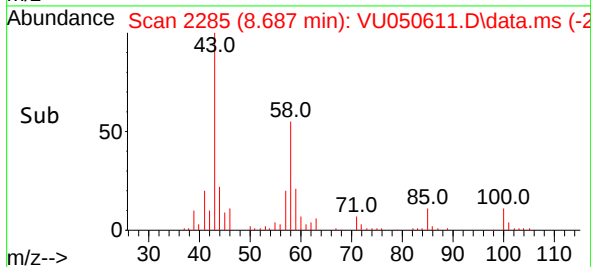
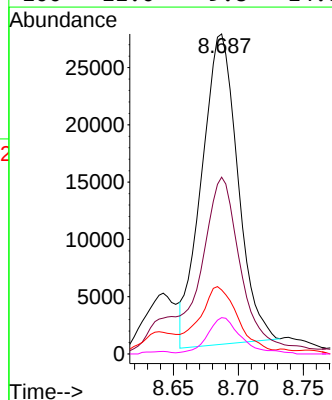
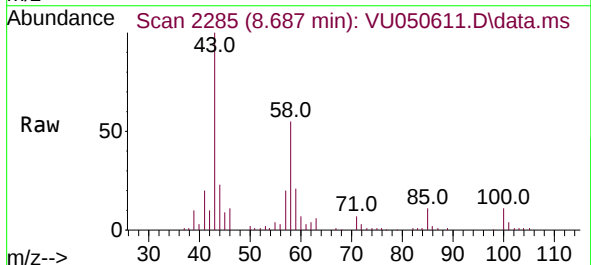
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

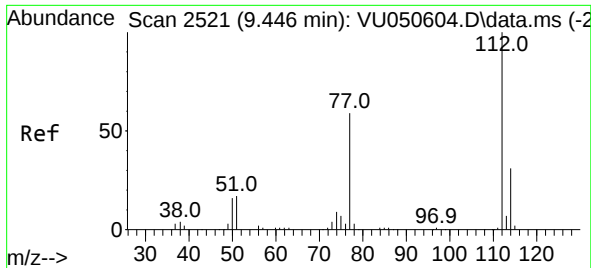
Tgt Ion: 75 Resp: 2613
Ion Ratio Lower Upper
75 100
77 32.2 22.1 41.1



#48
2-Hexanone
Concen: 15.681 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU050611.D
Acq: 03 Sep 2022 14:49

Tgt Ion: 43 Resp: 52520
Ion Ratio Lower Upper
43 100
58 57.5 51.8 77.6
57 22.2 17.0 25.4
100 11.0 9.8 14.8

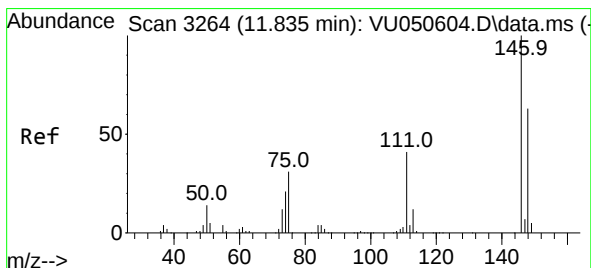
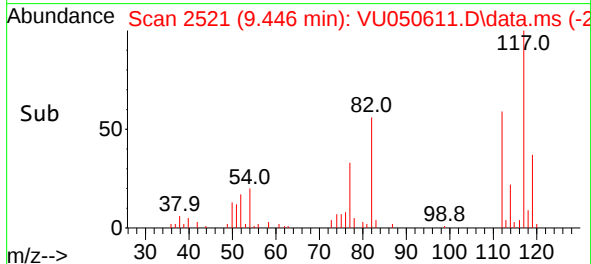
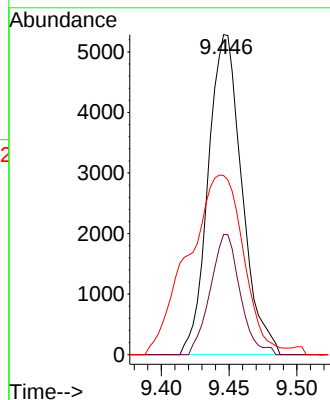
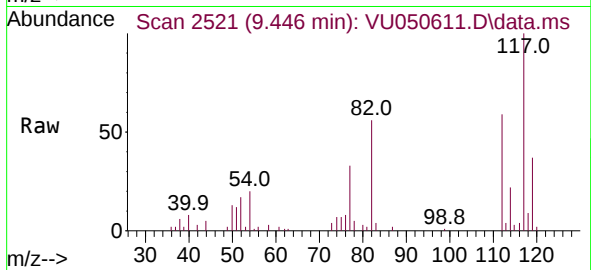




#51
Chlorobenzene
Concen: 1.454 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050611.D
Acq: 03 Sep 2022 14:49

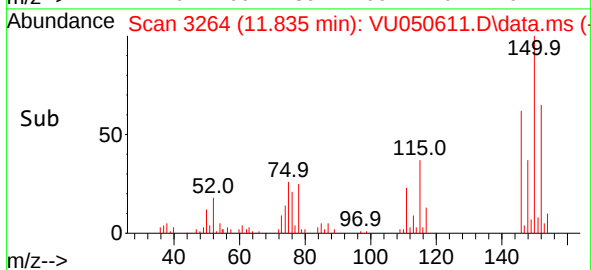
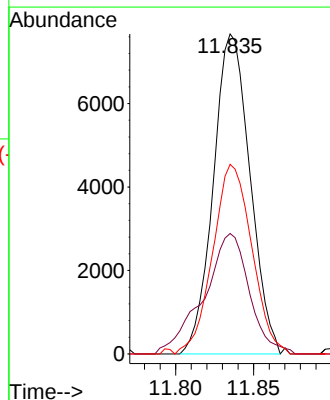
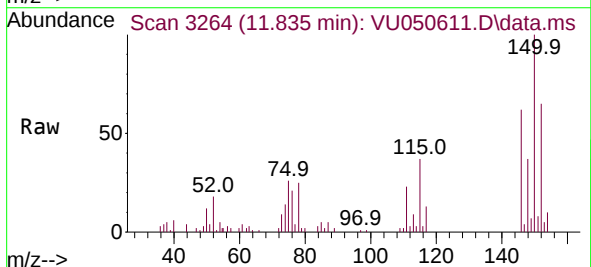
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

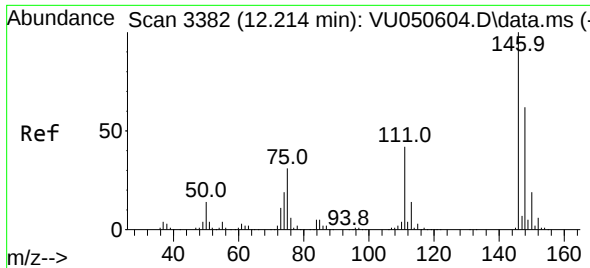
Tgt Ion:112 Resp: 9142
Ion Ratio Lower Upper
112 100
114 42.0 22.1 41.1#
77 56.0 49.2 73.8



#65
1,4-Dichlorobenzene
Concen: 3.257 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050611.D
Acq: 03 Sep 2022 14:49

Tgt Ion:146 Resp: 12533
Ion Ratio Lower Upper
146 100
111 35.4 27.9 51.7
148 55.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 3.446 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU050611.D

Acq: 03 Sep 2022 14:49

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

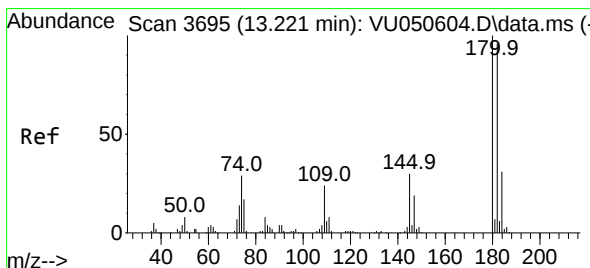
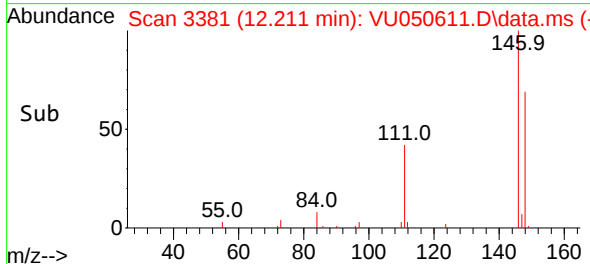
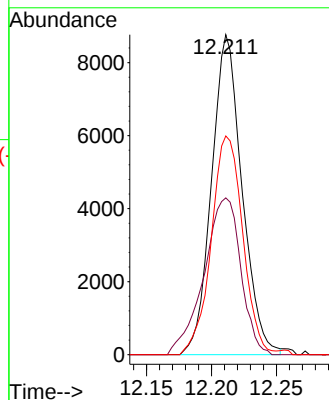
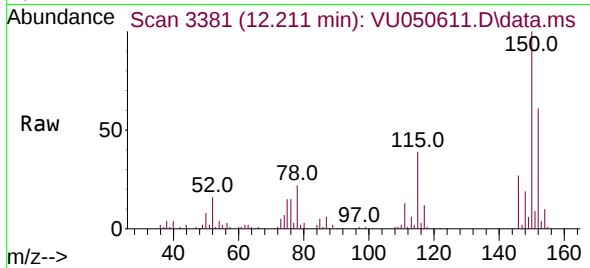
Tgt Ion:146 Resp: 14288

Ion Ratio Lower Upper

146 100

111 49.0 35.1 52.7

148 68.3 51.8 77.6



#69

1,3,5-Trichlorobenzene

Concen: 2.036 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU050611.D

Acq: 03 Sep 2022 14:49

Tgt Ion:180 Resp: 5752

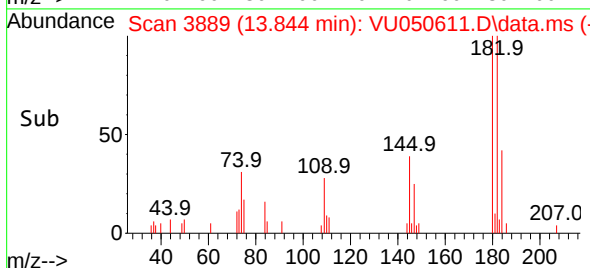
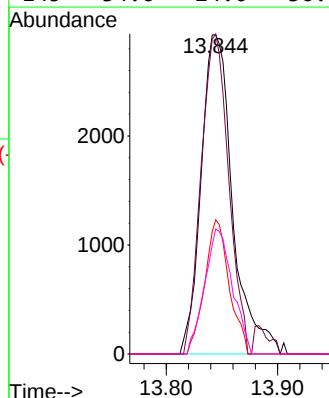
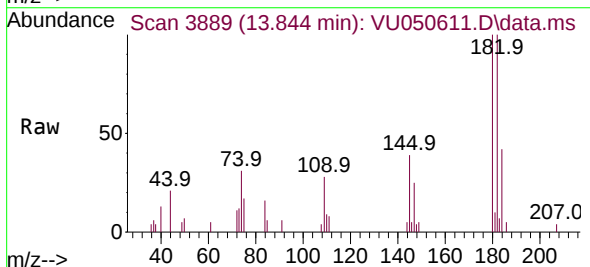
Ion Ratio Lower Upper

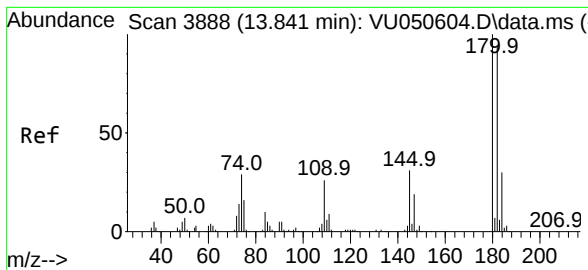
180 100

182 87.3 75.3 112.9

184 32.8 23.8 35.8

145 34.6 24.0 36.0





#70
 1,2,4-trichlorobenzene
 Concen: 2.398 ug/L
 RT: 13.844 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050611.D
 Acq: 03 Sep 2022 14:49

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion:180 Resp: 5752
 Ion Ratio Lower Upper
 180 100
 182 87.3 76.2 114.2
 145 34.6 24.7 37.1

