

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
 Data File : VU048151.D
 Acq On : 20 Apr 2022 18:27
 Operator : SY/MD
 Sample : N2485-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J10

Quant Time: Apr 21 02:44:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 21 02:37:57 2022
 Response via : Initial Calibration

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

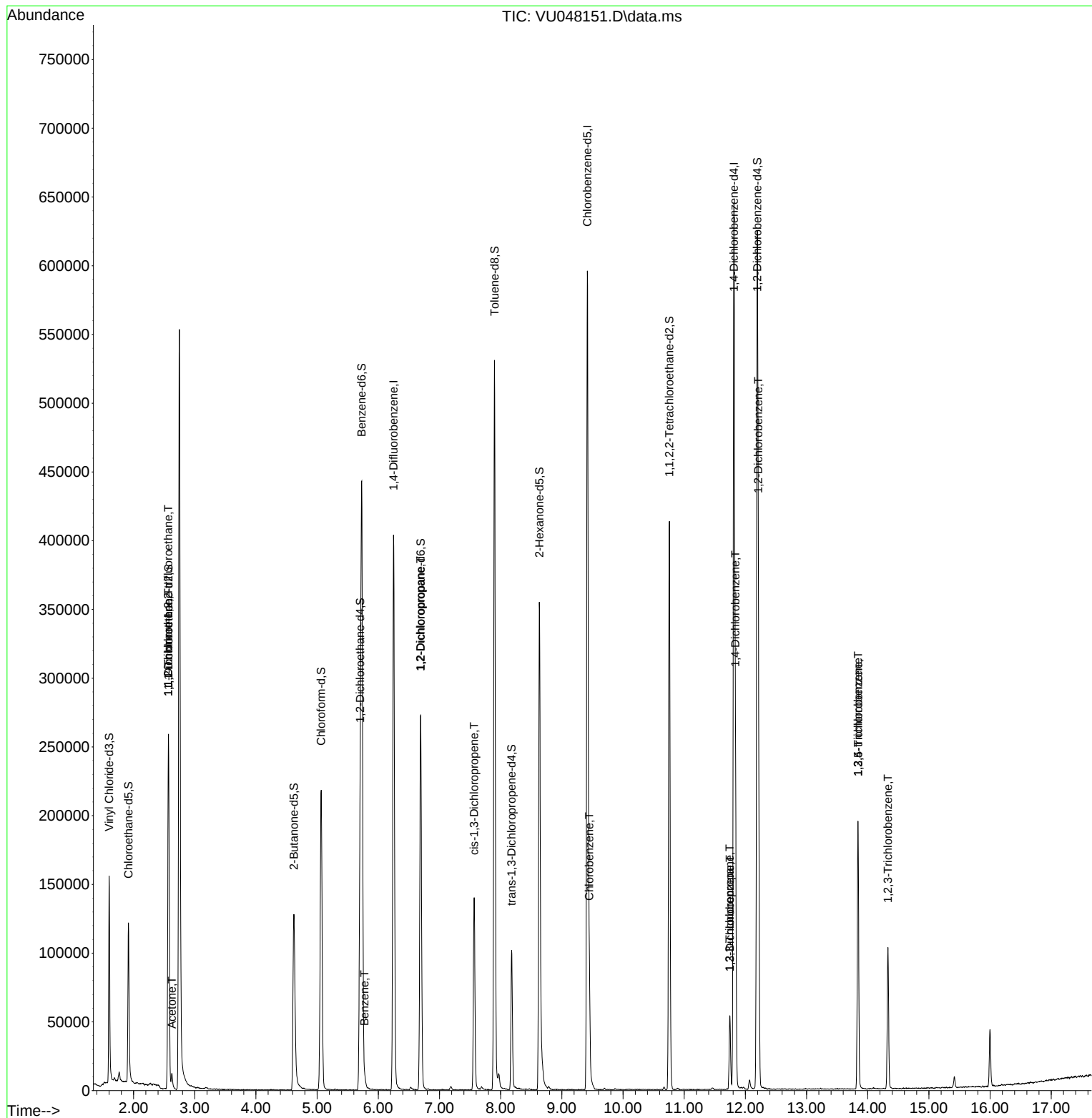
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	347995	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364724	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	180596	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	113259	44.881	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.760%		
7) Chloroethane-d5	1.916	69	93602	47.041	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.080%		
11) 1,1-Dichloroethene-d2	2.572	63	146831	31.802	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.600%		
21) 2-Butanone-d5	4.620	46	189048	87.279	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.280%		
24) Chloroform-d	5.067	84	206643	44.753	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.500%		
26) 1,2-Dichloroethane-d4	5.703	65	130213	45.980	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.960%		
32) Benzene-d6	5.729	84	428409	46.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.360%		
36) 1,2-Dichloropropane-d6	6.694	67	136021	48.260	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.520%		
41) Toluene-d8	7.899	98	367109	41.056	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.120%		
43) trans-1,3-Dichloroprop...	8.179	79	58277	40.813	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.620%		
47) 2-Hexanone-d5	8.632	63	126858	76.886	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.890%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	212917	44.018	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.040%		
66) 1,2-Dichlorobenzene-d4	12.195	152	159877	49.760	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.520%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1470	0.573	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1291	0.541	ug/L #	1
13) Acetone	2.626	43	11743	5.826	ug/L	99
33) Benzene	5.774	78	5905	0.559	ug/L	100
37) 1,2-Dichloropropane	6.690	63	13544	5.047	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3010	0.723	ug/L #	33
51) Chlorobenzene	9.449	112	46747	5.944	ug/L	97
60) 1,2,3-Trichloropropane	11.745	75	6691	1.965	ug/L #	47
64) 1,3-Dichlorobenzene	11.748	146	25324	4.668	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	101970	18.147	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	111889	20.613	ug/L	99
69) 1,3,5-Trichlorobenzene	13.841	180	67625	15.349	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	67625	17.523	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	35986	9.302	ug/L	97

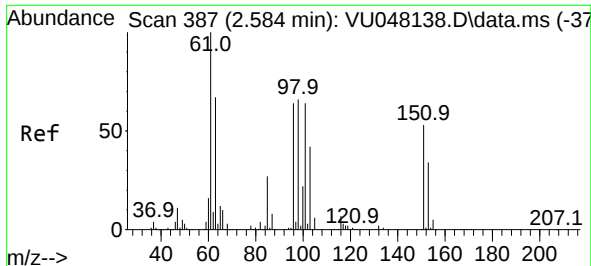
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042022\
Data File : VU048151.D
Acq On : 20 Apr 2022 18:27
Operator : SY/MD
Sample : N2485-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0J10

Quant Time: Apr 21 02:44:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 21 02:37:57 2022
Response via : Initial Calibration

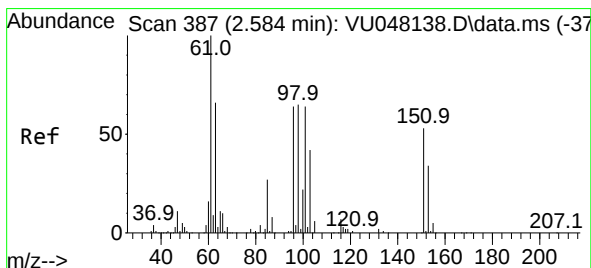
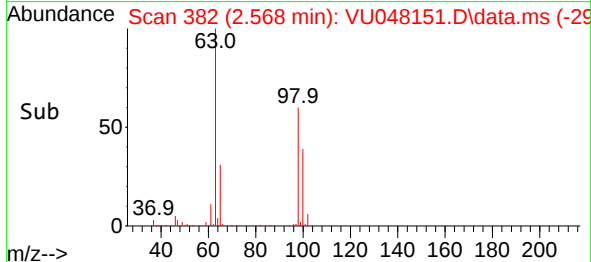
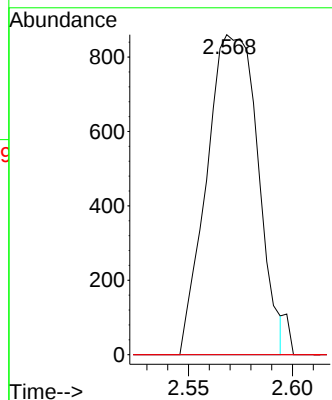
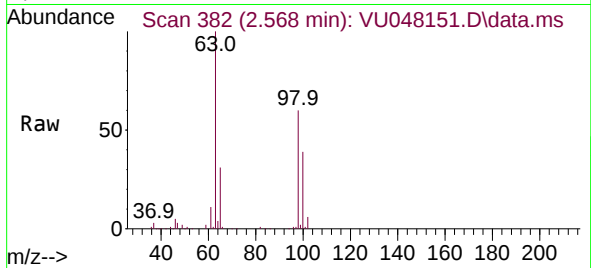




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.573 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048151.D
 Acq: 20 Apr 2022 18:27

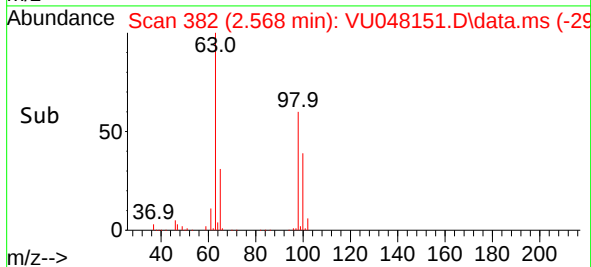
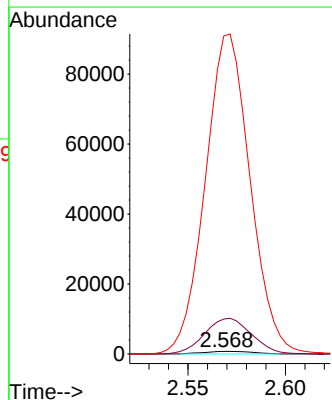
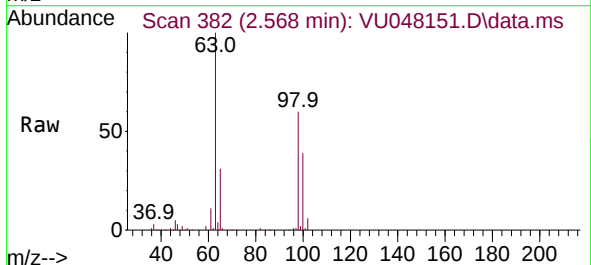
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J10

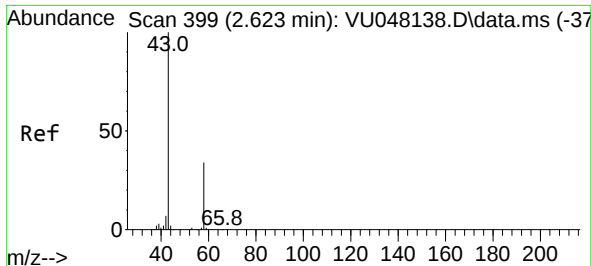
Tgt Ion:101 Resp: 1470
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.541 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048151.D
 Acq: 20 Apr 2022 18:27

Tgt Ion: 96 Resp: 1291
 Ion Ratio Lower Upper
 96 100
 61 1371.1 113.1 210.1#
 63 12467.5 94.8 176.0#





#13

Acetone

Concen: 5.826 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048151.D

Acq: 20 Apr 2022 18:27

Instrument :

MSVOA_U

ClientSampleId :

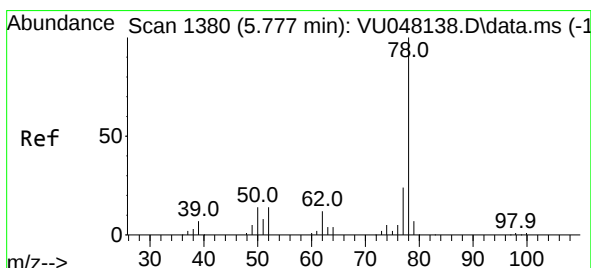
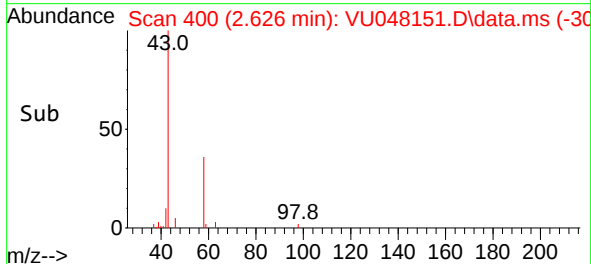
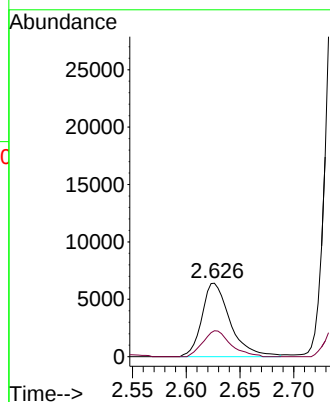
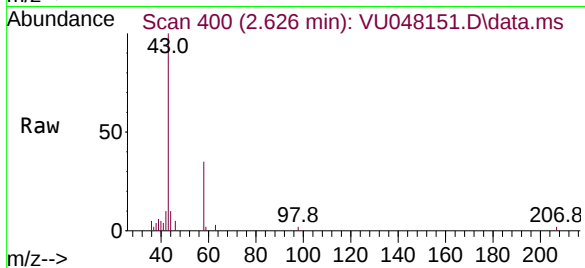
C0J10

Tgt Ion: 43 Resp: 11743

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0



#33

Benzene

Concen: 0.559 ug/L

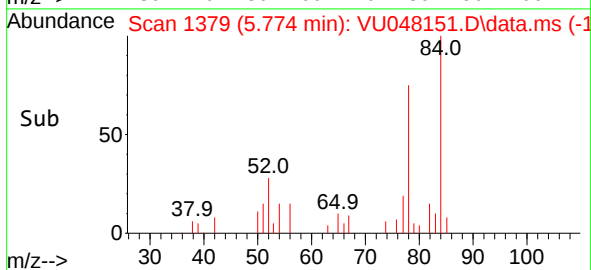
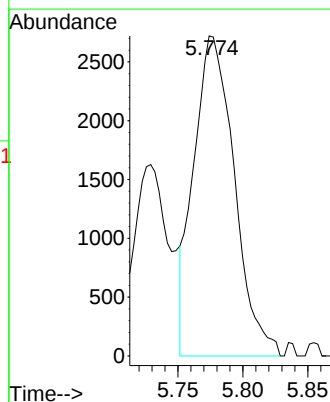
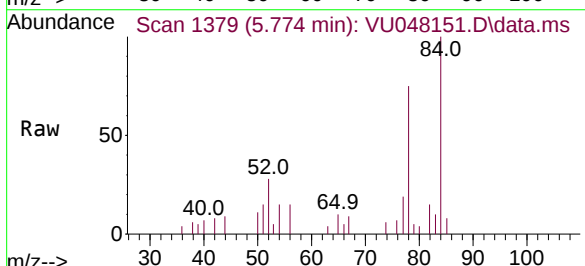
RT: 5.774 min Scan# 1379

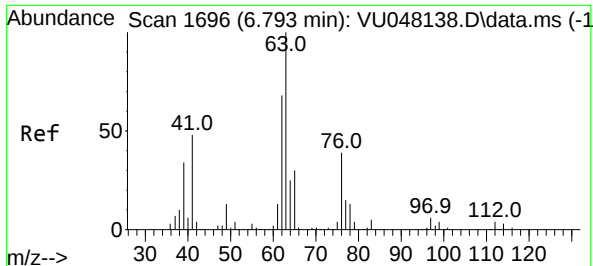
Delta R.T. -0.003 min

Lab File: VU048151.D

Acq: 20 Apr 2022 18:27

Tgt Ion: 78 Resp: 5905





#37

1,2-Dichloropropane

Concen: 5.047 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048151.D

Acq: 20 Apr 2022 18:27

Instrument :

MSVOA_U

ClientSampleId :

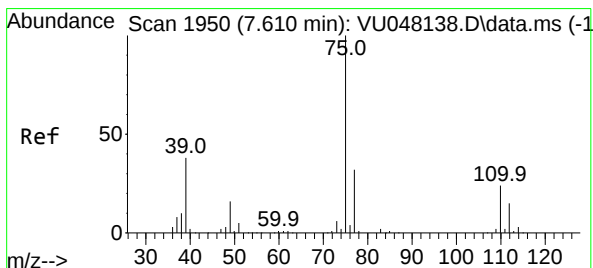
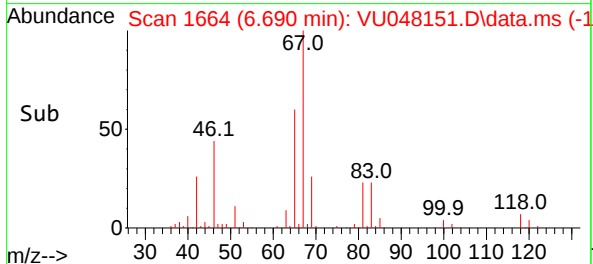
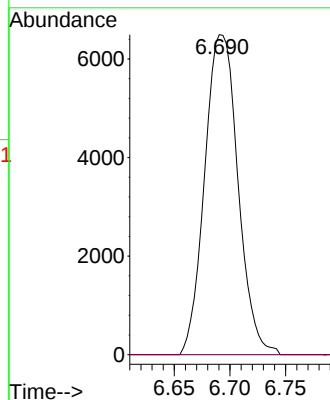
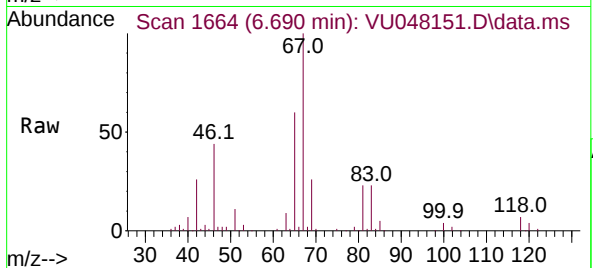
C0J10

Tgt Ion: 63 Resp: 13544

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.723 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU048151.D

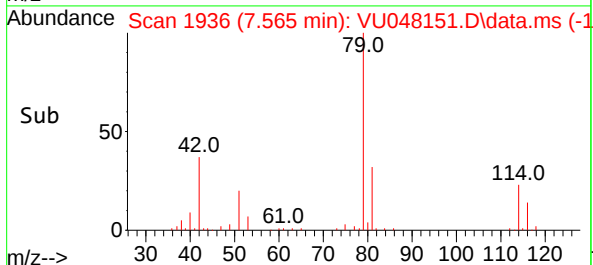
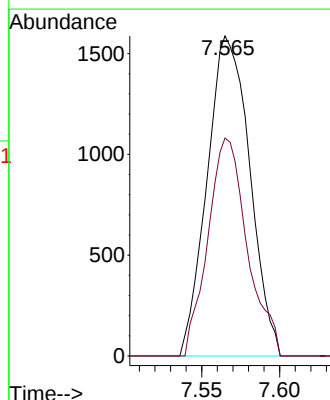
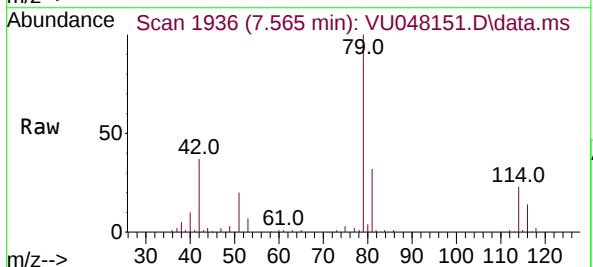
Acq: 20 Apr 2022 18:27

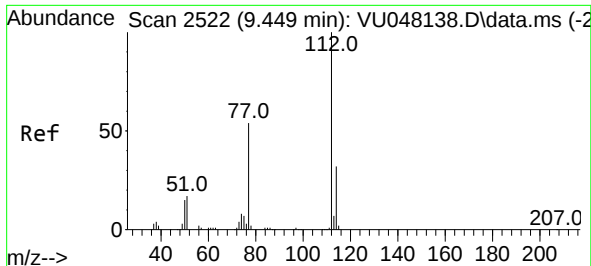
Tgt Ion: 75 Resp: 3010

Ion Ratio Lower Upper

75 100

77 68.1 21.8 40.6#

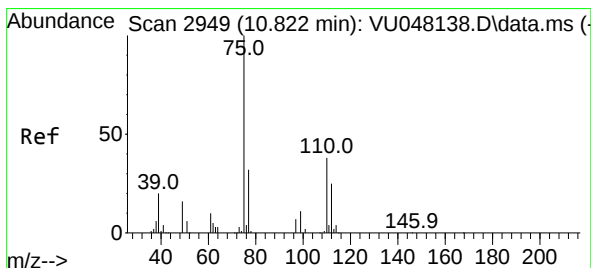
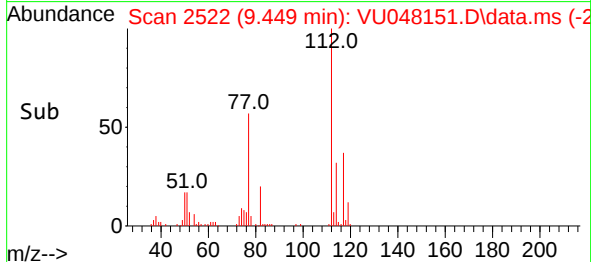
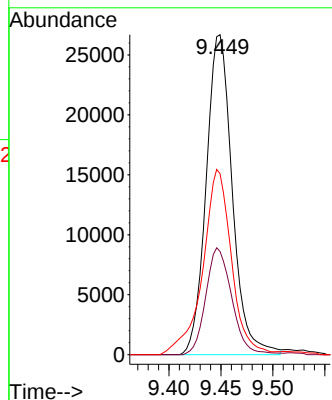
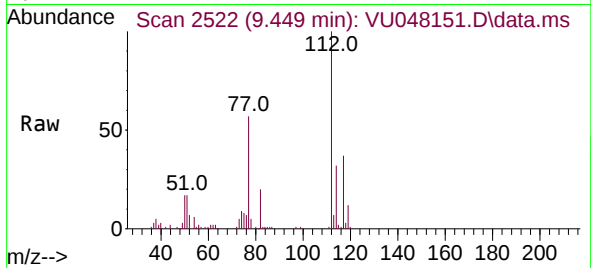




#51
Chlorobenzene
Concen: 5.944 ug/L
RT: 9.449 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

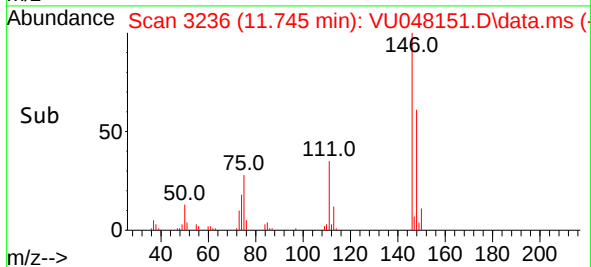
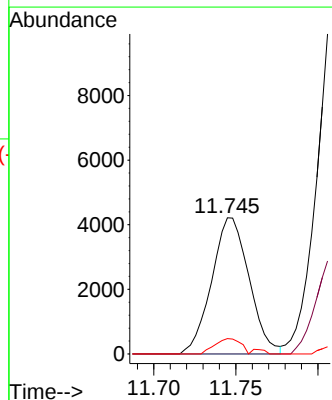
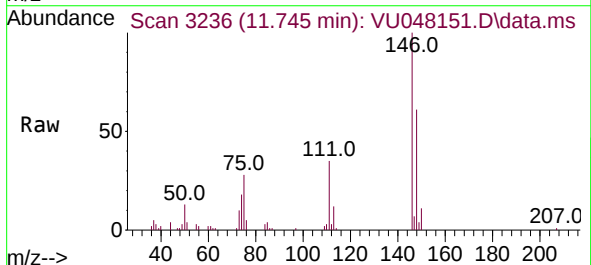
Instrument :
MSVOA_U
ClientSampleId :
C0J10

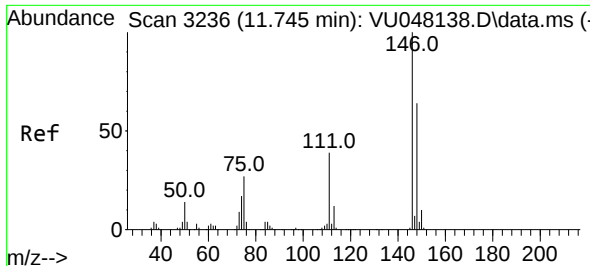
Tgt Ion:112 Resp: 46747
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 56.6 43.4 65.0



#60
1,2,3-Trichloropropane
Concen: 1.965 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.923 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Tgt Ion: 75 Resp: 6691
Ion Ratio Lower Upper
75 100
77 1.5 26.0 39.0#
110 7.7 31.4 47.2#

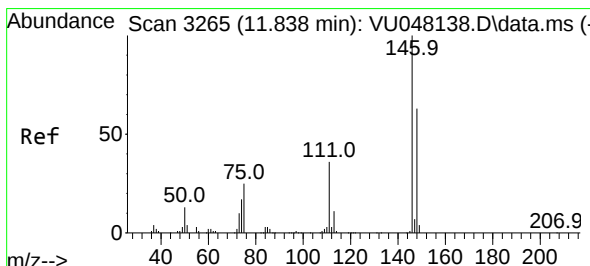
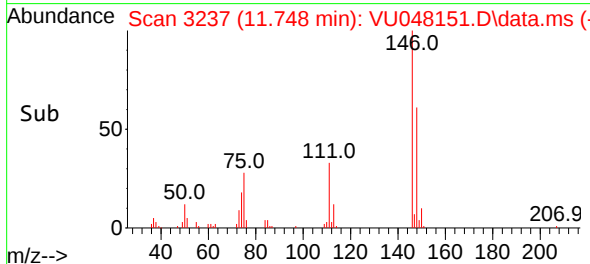
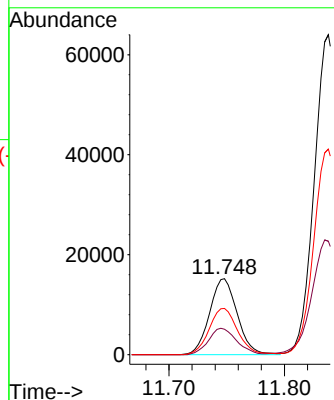
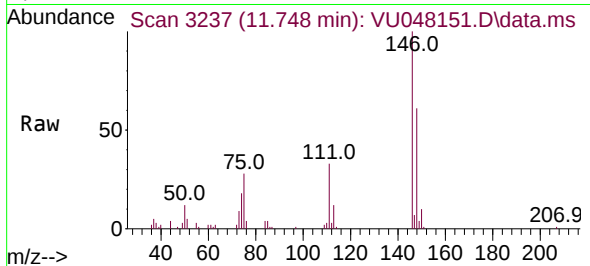




#64
1,3-Dichlorobenzene
Concen: 4.668 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

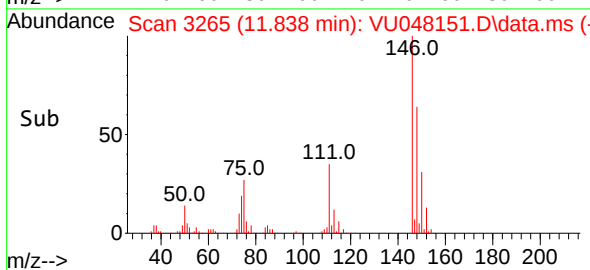
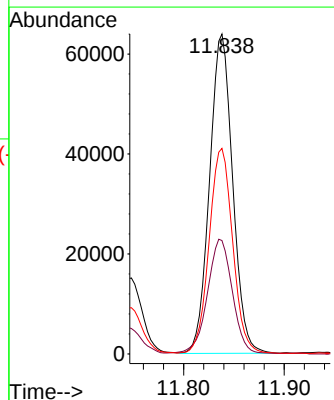
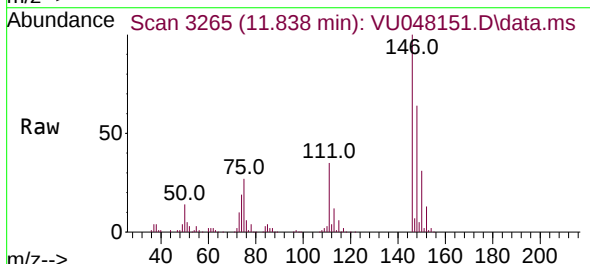
Instrument :
MSVOA_U
ClientSampleId :
C0J10

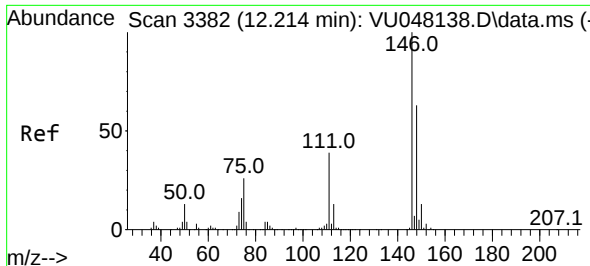
Tgt Ion:146 Resp: 25324
Ion Ratio Lower Upper
146 100
111 33.4 26.7 49.7
148 60.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 18.147 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Tgt Ion:146 Resp: 101970
Ion Ratio Lower Upper
146 100
111 35.4 25.3 47.1
148 64.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 20.613 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048151.D

Acq: 20 Apr 2022 18:27

Instrument :

MSVOA_U

ClientSampleId :

C0J10

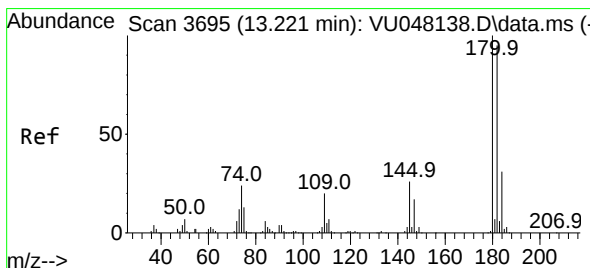
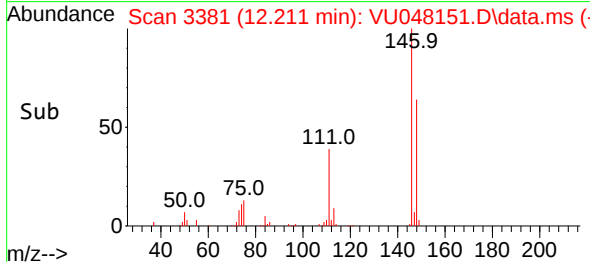
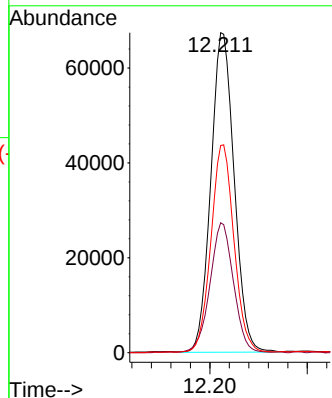
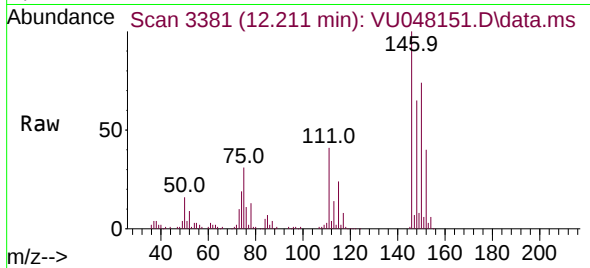
Tgt Ion:146 Resp: 111889

Ion Ratio Lower Upper

146 100

111 40.6 31.7 47.5

148 64.7 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 15.349 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU048151.D

Acq: 20 Apr 2022 18:27

Tgt Ion:180 Resp: 67625

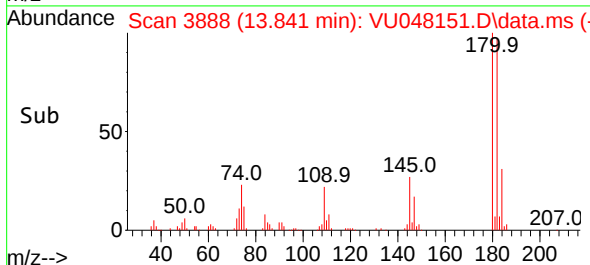
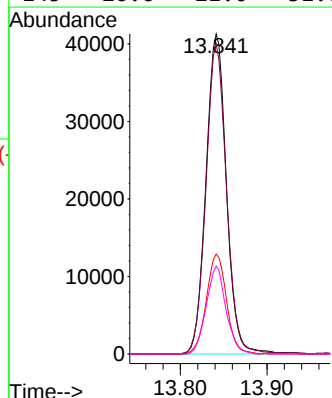
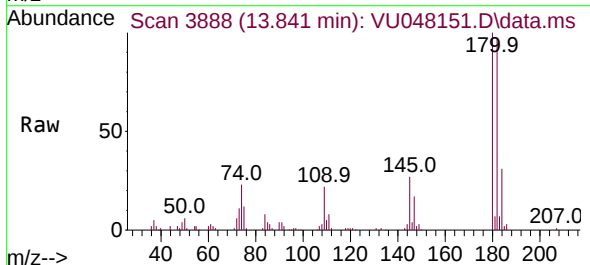
Ion Ratio Lower Upper

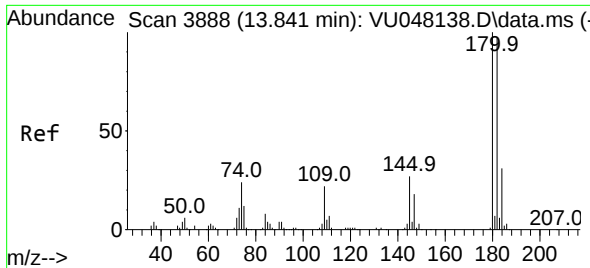
180 100

182 97.3 77.0 115.6

184 30.8 24.5 36.7

145 26.6 21.0 31.6

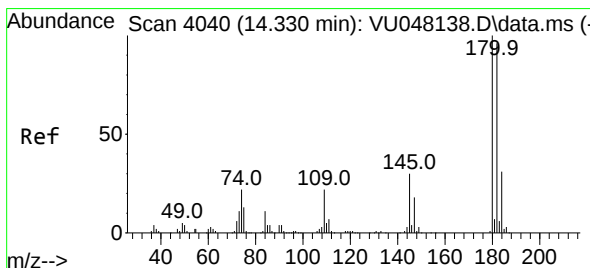
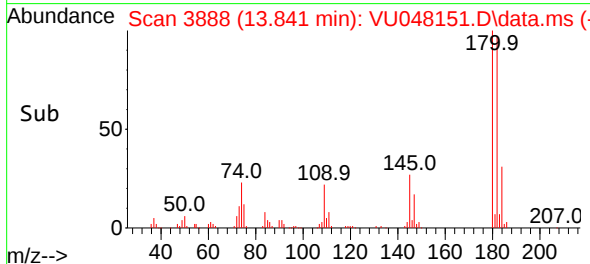
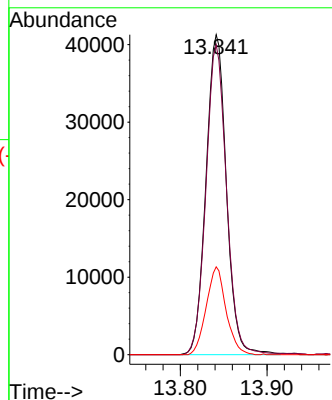
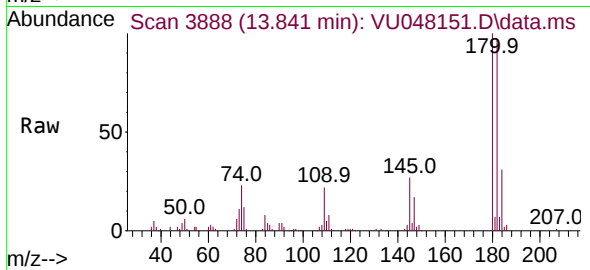




#70
1,2,4-trichlorobenzene
Concen: 17.523 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Instrument :
MSVOA_U
ClientSampleId :
C0J10

Tgt Ion:180 Resp: 67625
Ion Ratio Lower Upper
180 100
182 97.3 76.2 114.2
145 26.6 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 9.302 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048151.D
Acq: 20 Apr 2022 18:27

Tgt Ion:180 Resp: 35986
Ion Ratio Lower Upper
180 100
182 92.7 77.4 116.0
145 29.2 22.8 34.2

