

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048227.D
 Acq On : 22 Apr 2022 16:09
 Operator : SY/MD
 Sample : N2486-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

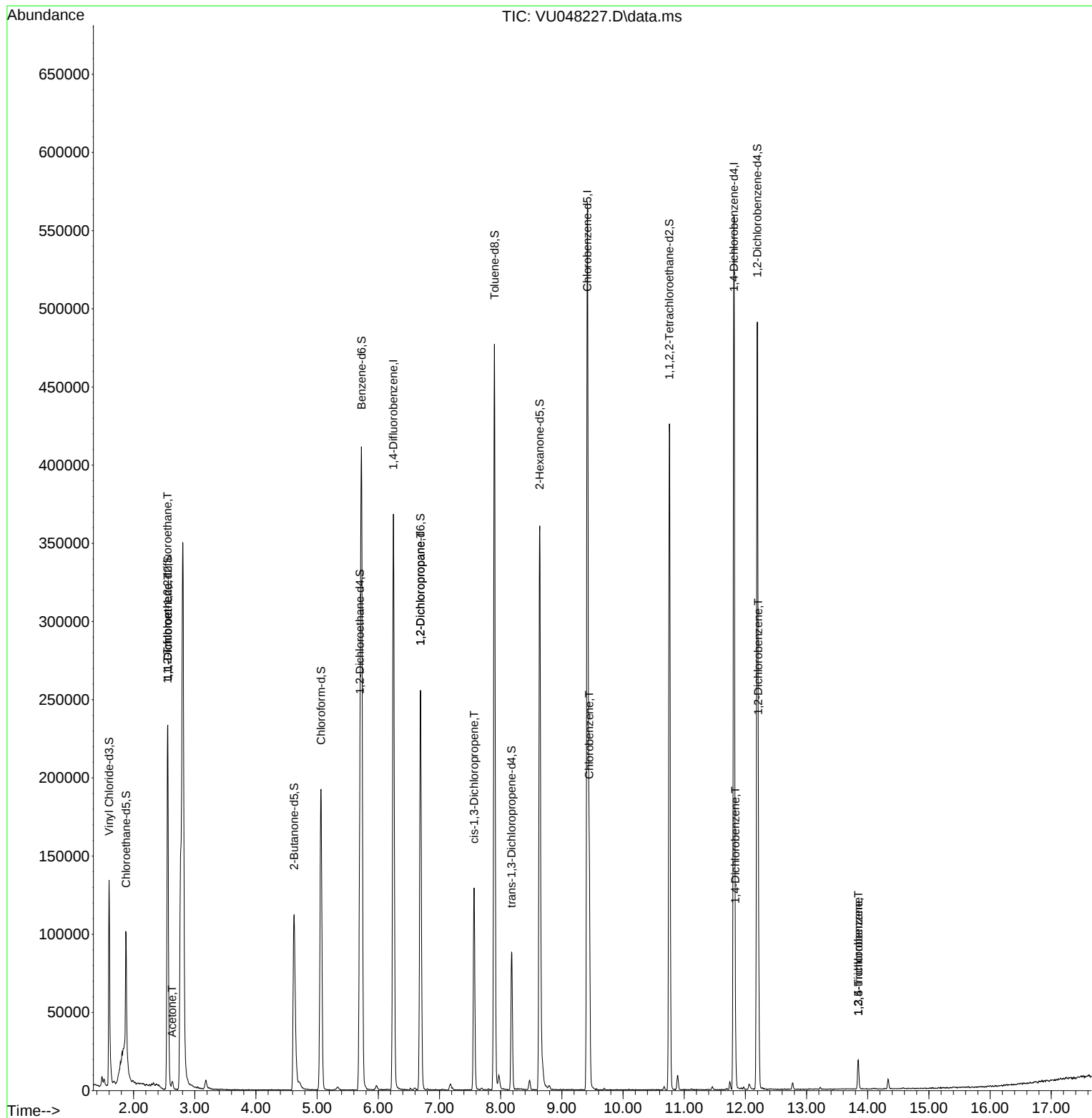
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	314979	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	159106	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	111987	49.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.060%		
7) Chloroethane-d5	1.877	69	72935	40.496	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.000%		
11) 1,1-Dichloroethene-d2	2.559	63	137012	32.786	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.580%		
21) 2-Butanone-d5	4.623	46	174097	88.802	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.800%		
24) Chloroform-d	5.064	84	184515	44.149	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.300%		
26) 1,2-Dichloroethane-d4	5.700	65	117548	45.859	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.720%		
32) Benzene-d6	5.726	84	386733	46.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
36) 1,2-Dichloropropane-d6	6.690	67	127884	50.070	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.140%		
41) Toluene-d8	7.899	98	320312	39.531	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.060%#		
43) trans-1,3-Dichloroprop...	8.179	79	50965	39.387	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.780%		
47) 2-Hexanone-d5	8.636	63	129386	86.536	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.540%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	214027	48.828	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.660%		
66) 1,2-Dichlorobenzene-d4	12.195	152	138066	48.775	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.560%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.556	101	1338	0.576	ug/L #	18
12) 1,1-Dichloroethene	2.559	96	1199	0.555	ug/L #	1
13) Acetone	2.630	43	5529	3.031	ug/L	98
37) 1,2-Dichloropropane	6.690	63	12880	5.296	ug/L #	87
39) cis-1,3-Dichloropropene	7.565	75	3108	0.824	ug/L #	76
51) Chlorobenzene	9.446	112	82260	11.542	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	8122	1.641	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	29308	6.128	ug/L	98
69) 1,3,5-Trichlorobenzene	13.845	180	7033	1.812	ug/L	99
70) 1,2,4-trichlorobenzene	13.845	180	7033	2.069	ug/L	98

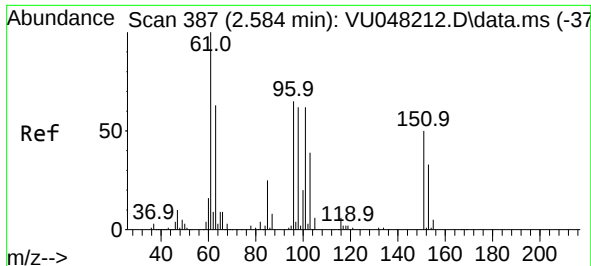
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
Data File : VU048227.D
Acq On : 22 Apr 2022 16:09
Operator : SY/MD
Sample : N2486-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 22 22:03:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 22 21:59:27 2022
Response via : Initial Calibration





#10

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

Concen: 0.576 ug/L

RT: 2.556 min Scan# 31

Delta R.T. -0.029 min

Lab File: VU048227.D

Acq: 22 Apr 2022 16:09

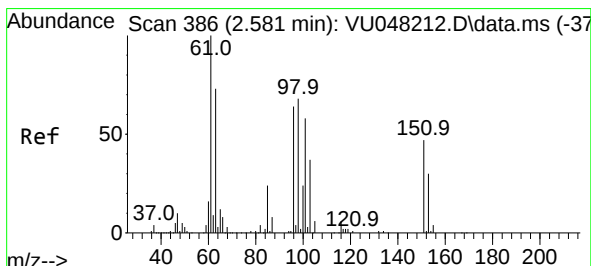
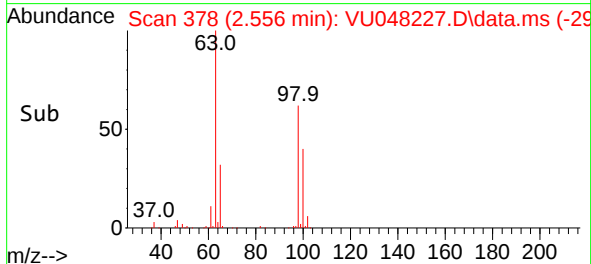
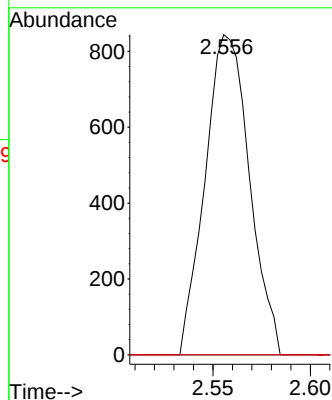
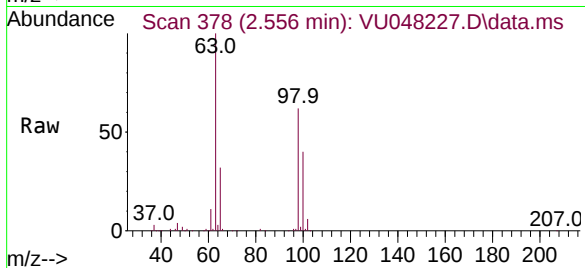
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101 Resp: 1338

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: 0.555 ug/L

RT: 2.559 min Scan# 379

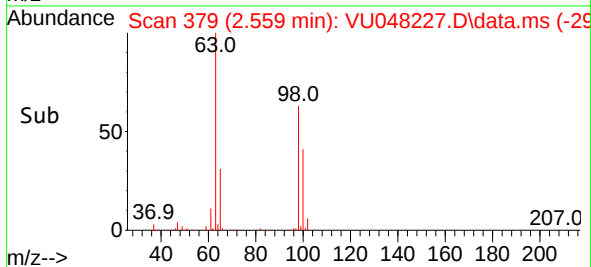
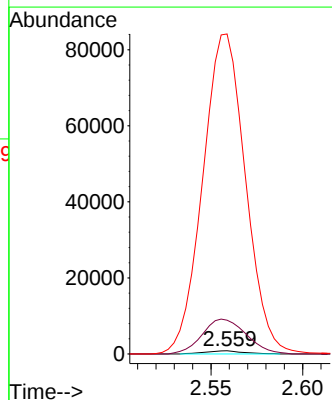
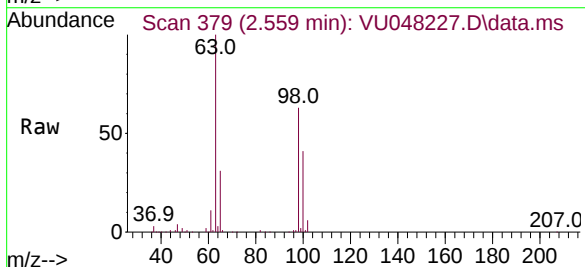
Delta R.T. -0.022 min

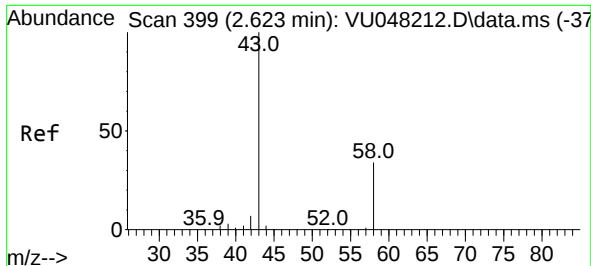
Lab File: VU048227.D

Acq: 22 Apr 2022 16:09

Tgt Ion: 96 Resp: 1199

Ion	Ratio	Lower	Upper
96	100		
61	1077.6	113.1	210.1#
63	10199.3	94.8	176.0#





#13

Acetone

Concen: 3.031 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048227.D

Acq: 22 Apr 2022 16:09

Instrument :

MSVOA_U

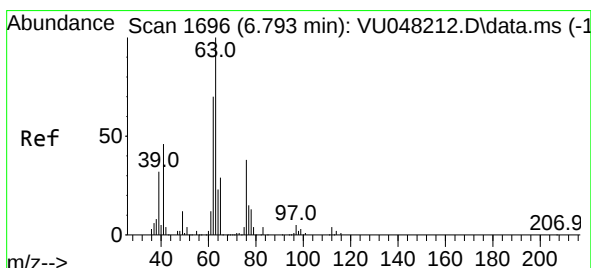
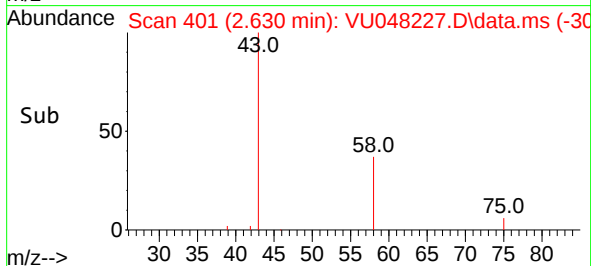
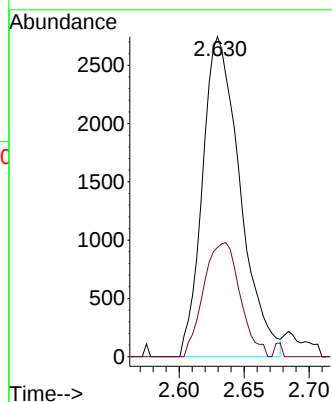
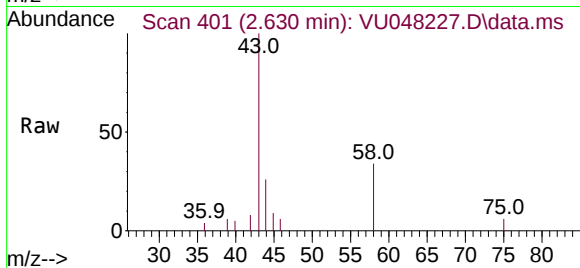
ClientSampleId :

Tgt Ion: 43 Resp: 5529

Ion Ratio Lower Upper

43 100

58 34.1 0.0 70.0



#37

1,2-Dichloropropane

Concen: 5.296 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU048227.D

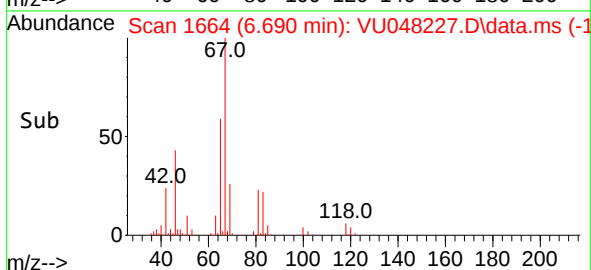
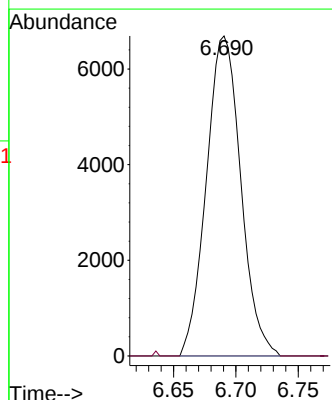
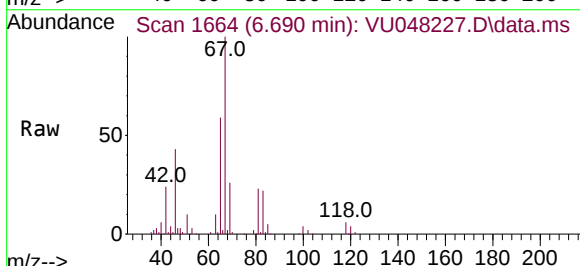
Acq: 22 Apr 2022 16:09

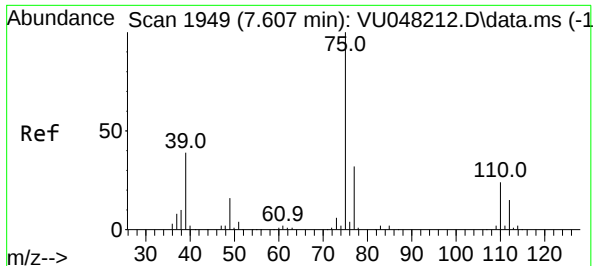
Tgt Ion: 63 Resp: 12880

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048227.D

Acq: 22 Apr 2022 16:09

Instrument :

MSVOA_U

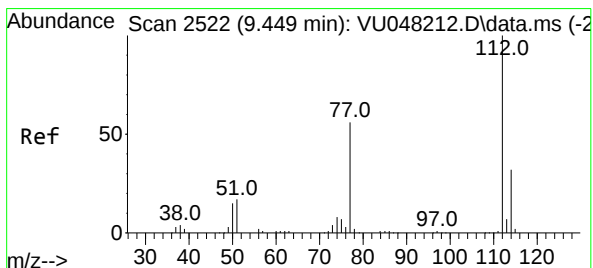
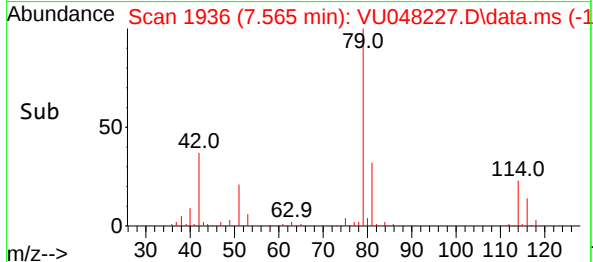
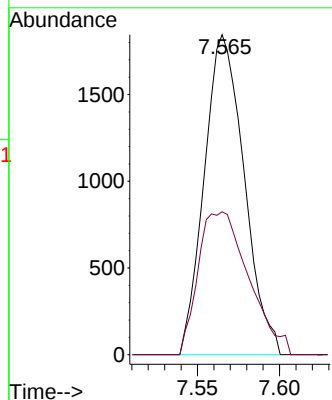
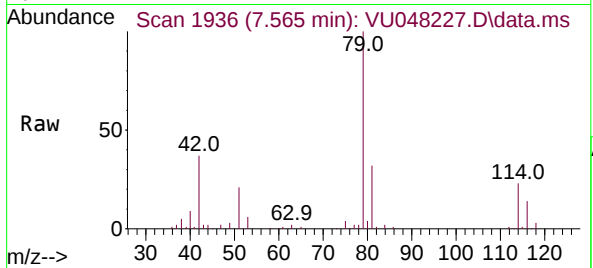
ClientSampleId :

Tgt Ion: 75 Resp: 3108

Ion Ratio Lower Upper

75 100

77 44.7 21.8 40.6#



#51

Chlorobenzene

Concen: 11.542 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048227.D

Acq: 22 Apr 2022 16:09

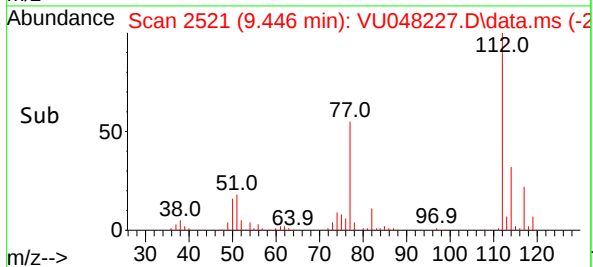
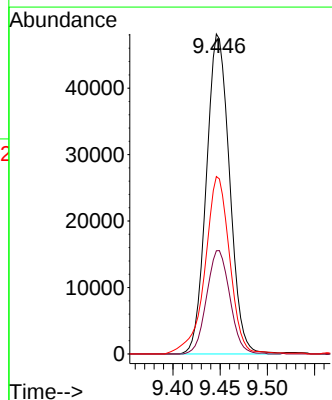
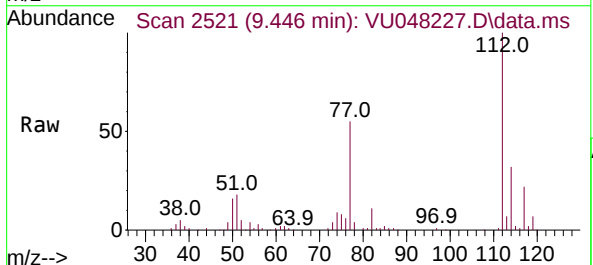
Tgt Ion: 112 Resp: 82260

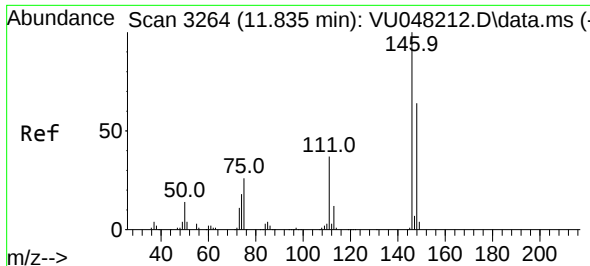
Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

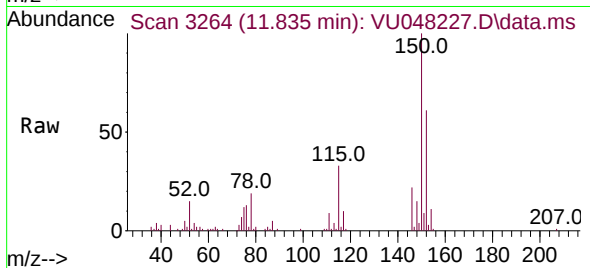
77 55.5 43.4 65.0



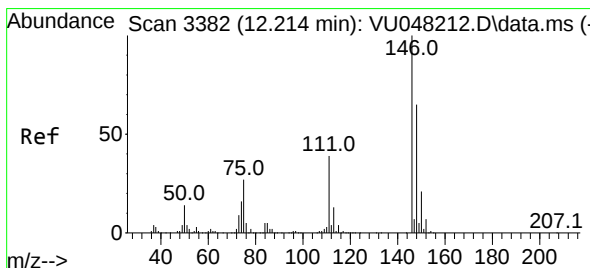
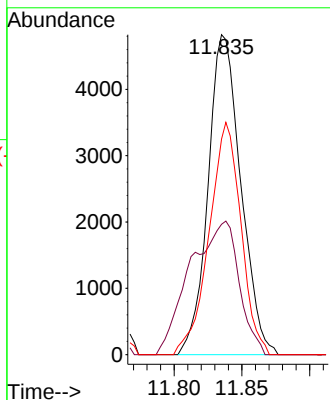
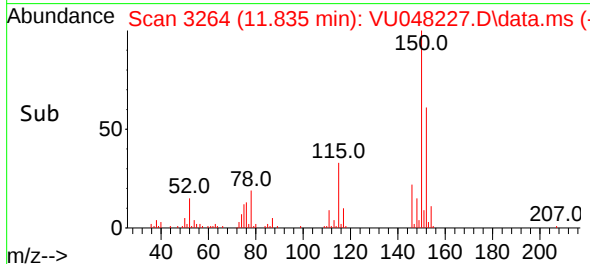


#65
1,4-Dichlorobenzene
Concen: 1.641 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048227.D
Acq: 22 Apr 2022 16:09

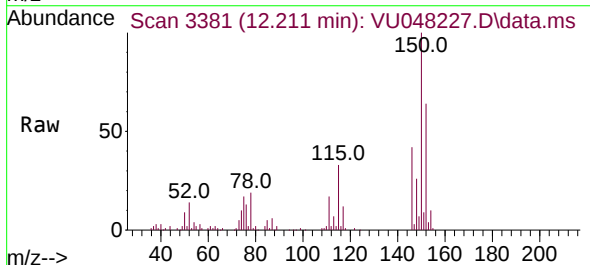
Instrument :
MSVOA_U
ClientSampleId :



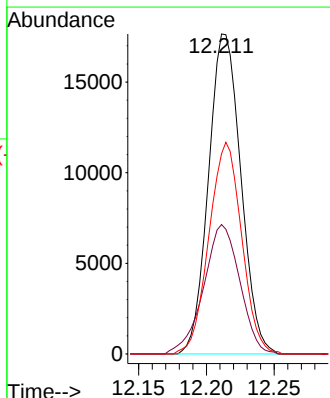
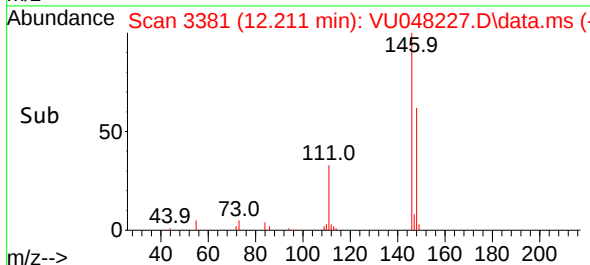
Tgt Ion:146 Resp: 8122
Ion Ratio Lower Upper
146 100
111 40.8 25.3 47.1
148 67.4 44.5 82.7

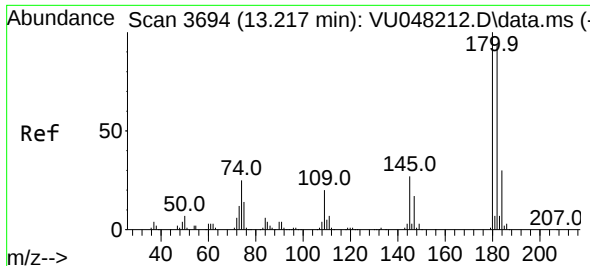


#67
1,2-Dichlorobenzene
Concen: 6.128 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048227.D
Acq: 22 Apr 2022 16:09



Tgt Ion:146 Resp: 29308
Ion Ratio Lower Upper
146 100
111 40.5 31.7 47.5
148 62.6 51.4 77.2





#69

1,3,5-Trichlorobenzene

Concen: 1.812 ug/L

RT: 13.845 min Scan# 3889

Delta R.T. 0.627 min

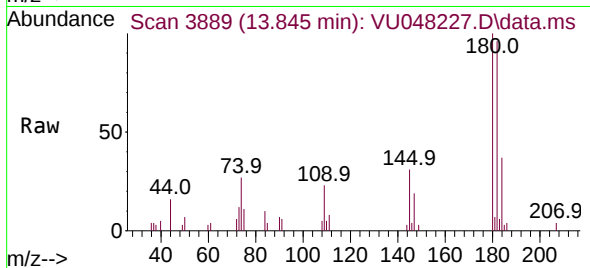
Lab File: VU048227.D

Acq: 22 Apr 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 7033

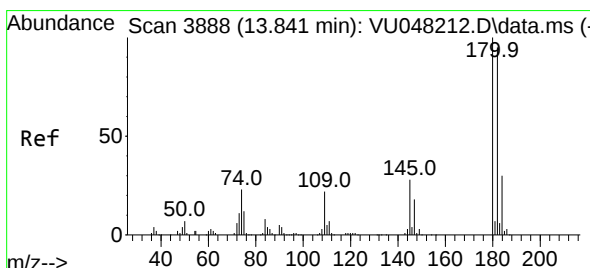
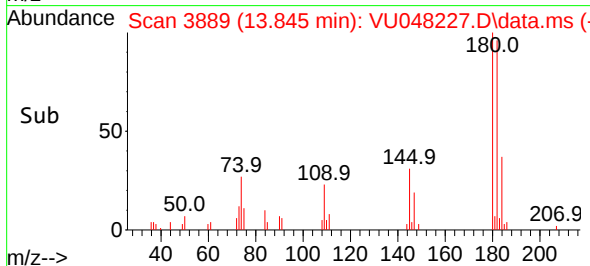
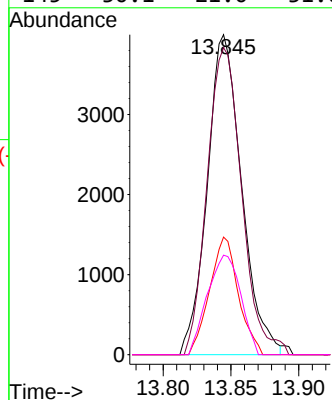
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.6

184 30.8 24.5 36.7

145 30.1 21.0 31.6



#70

1,2,4-trichlorobenzene

Concen: 2.069 ug/L

RT: 13.845 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU048227.D

Acq: 22 Apr 2022 16:09

Tgt Ion:180 Resp: 7033

Ion Ratio Lower Upper

180 100

182 96.5 76.2 114.2

145 30.1 21.8 32.8

