

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047908.D
 Acq On : 11 Apr 2022 16:05
 Operator : SY/MD
 Sample : N2343-18DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:03:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 12 01:57:58 2022
 Response via : Initial Calibration

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

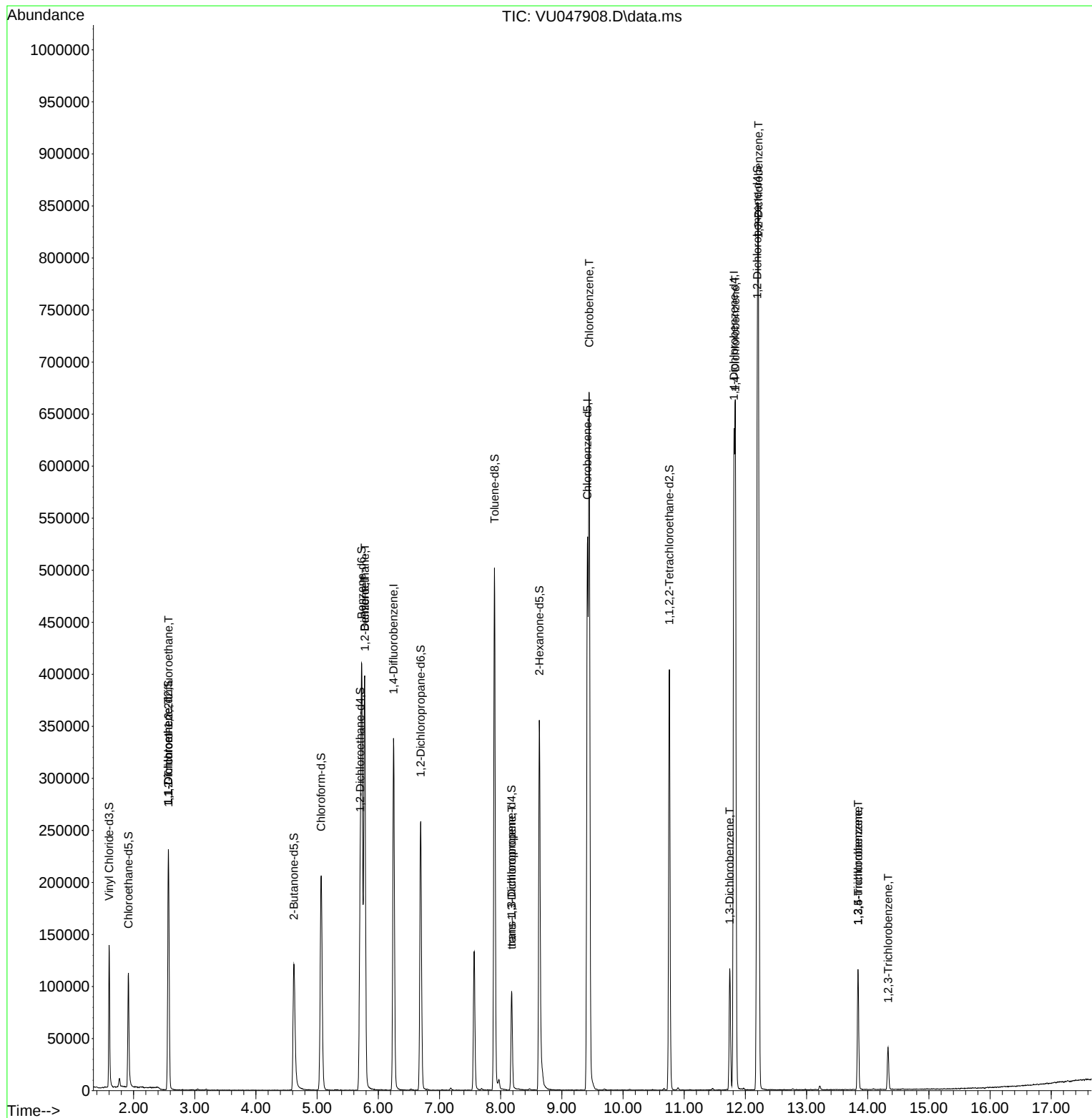
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	288368	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	303272	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	100034	47.837	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.680%		
7) Chloroethane-d5	1.916	69	87714	53.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	106.400%		
11) 1,1-Dichloroethene-d2	2.568	63	132148	34.540	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.080%		
21) 2-Butanone-d5	4.620	46	177053	98.644	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.640%		
24) Chloroform-d	5.067	84	194517	50.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.680%		
26) 1,2-Dichloroethane-d4	5.703	65	125511	53.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.960%		
32) Benzene-d6	5.729	84	384014	50.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.640%		
36) 1,2-Dichloropropane-d6	6.694	67	125014	53.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.680%		
41) Toluene-d8	7.899	98	342115	46.014	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.020%		
43) trans-1,3-Dichloroprop...	8.179	79	53051	44.681	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.360%		
47) 2-Hexanone-d5	8.632	63	124905	91.042	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	197401	49.080	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.160%		
66) 1,2-Dichlorobenzene-d4	12.195	152	152363	52.478	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.960%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1365	0.642	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1355	0.685	ug/L #	1
27) 1,2-Dichloroethane	5.781	62	3421	1.118	ug/L #	75
33) Benzene	5.777	78	389641	44.387	ug/L	100
44) trans-1,3-Dichloropropene	8.182	75	2309	0.668	ug/L #	83
51) Chlorobenzene	9.446	112	374354	57.241	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	51507	10.507	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	262219	51.641	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	301253	61.416	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	39557	9.936	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	39557	11.343	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	14778	4.227	ug/L	98

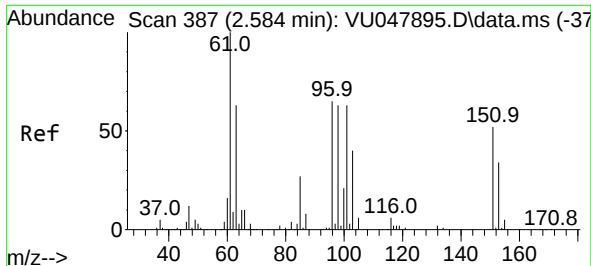
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.642 ug/L

RT: 2.572 min Scan# 31

Delta R.T. -0.013 min

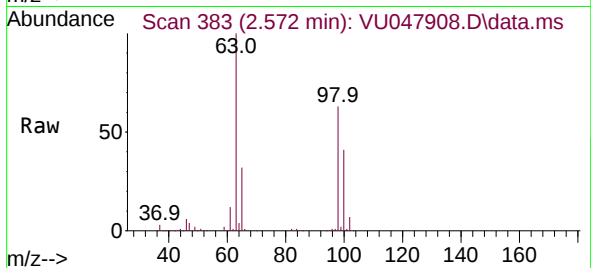
Lab File: VU047908.D

Acq: 11 Apr 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :



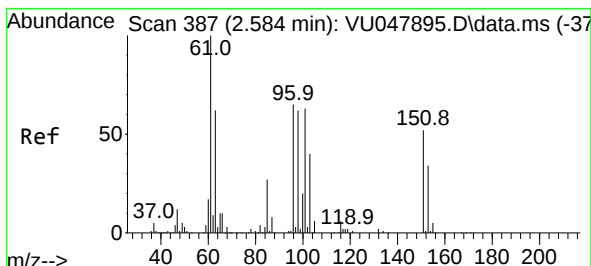
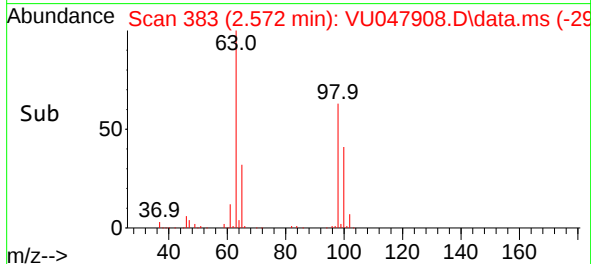
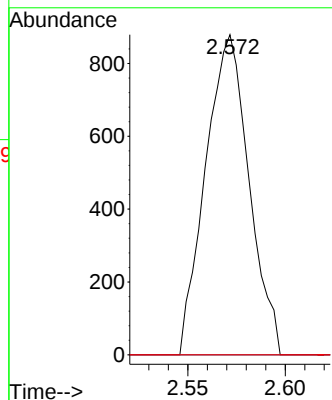
Tgt Ion:101 Resp: 1365

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: 0.685 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU047908.D

Acq: 11 Apr 2022 16:05

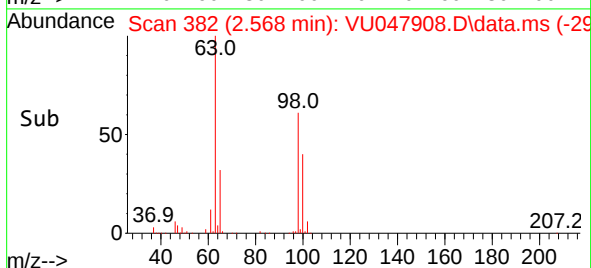
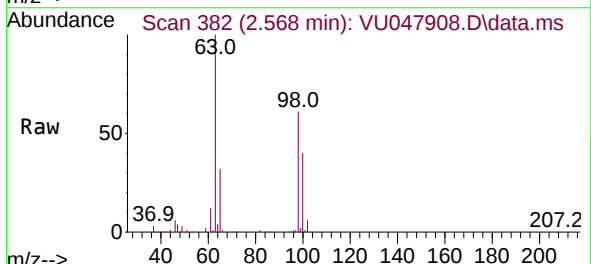
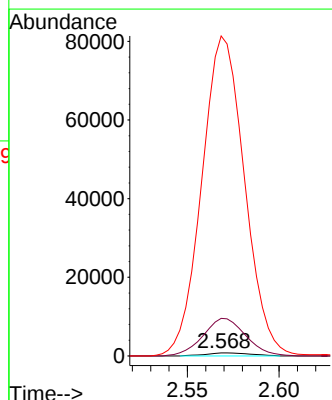
Tgt Ion: 96 Resp: 1355

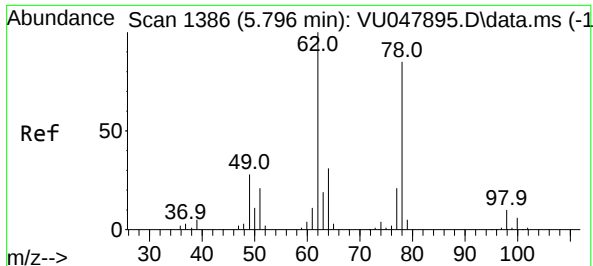
Ion Ratio Lower Upper

96 100

61 1225.0 113.1 210.1#

63 10445.2 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 1.118 ug/L

RT: 5.781 min Scan# 1381

Delta R.T. -0.016 min

Lab File: VU047908.D

Acq: 11 Apr 2022 16:05

Instrument :

MSVOA_U

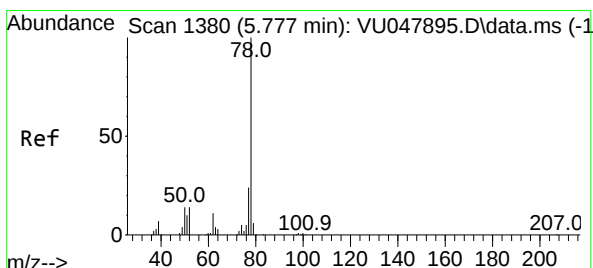
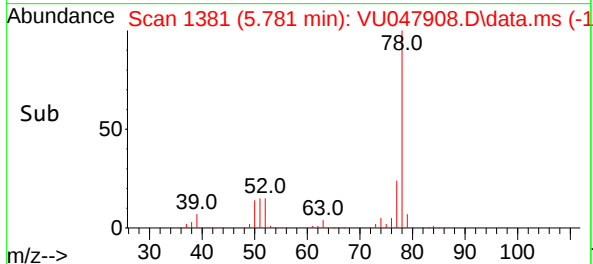
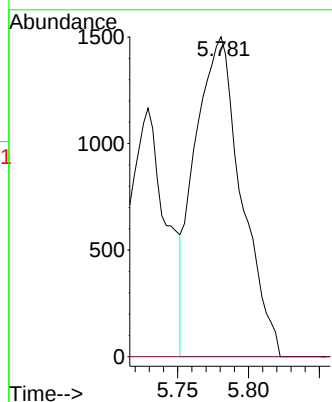
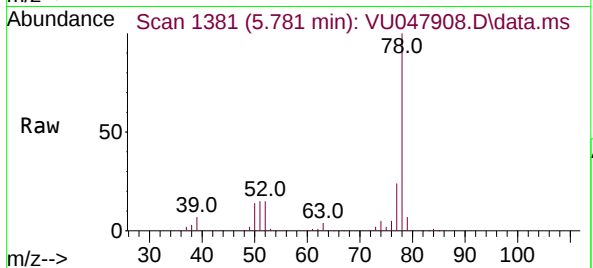
ClientSampleId :

Tgt Ion: 62 Resp: 3421

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 44.387 ug/L

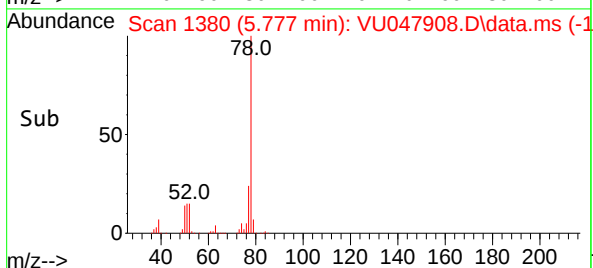
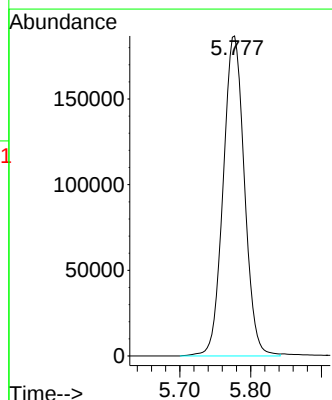
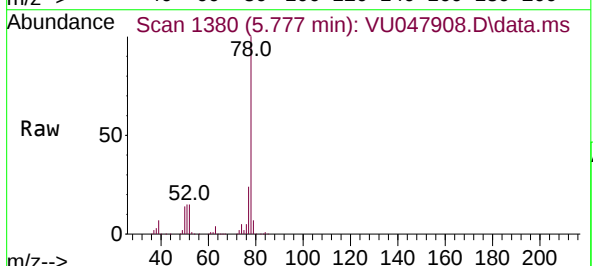
RT: 5.777 min Scan# 1380

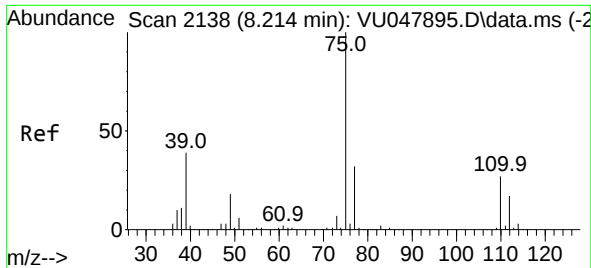
Delta R.T. 0.000 min

Lab File: VU047908.D

Acq: 11 Apr 2022 16:05

Tgt Ion: 78 Resp: 389641

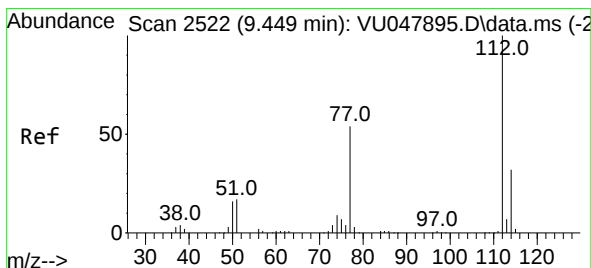
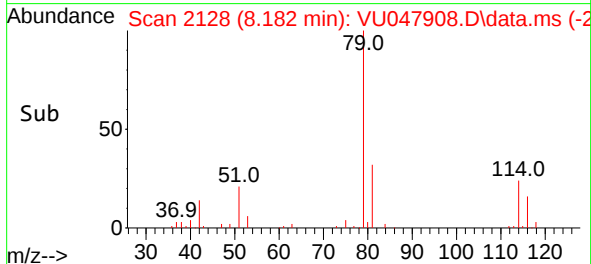
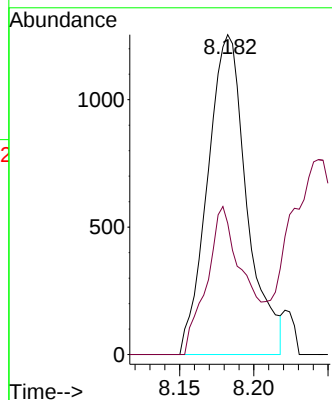
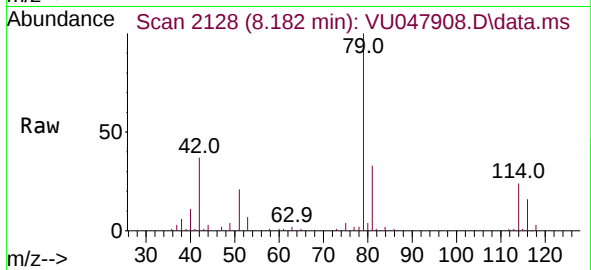




#44
trans-1,3-Dichloropropene
Concen: 0.668 ug/L
RT: 8.182 min Scan# 2138
Delta R.T. -0.032 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

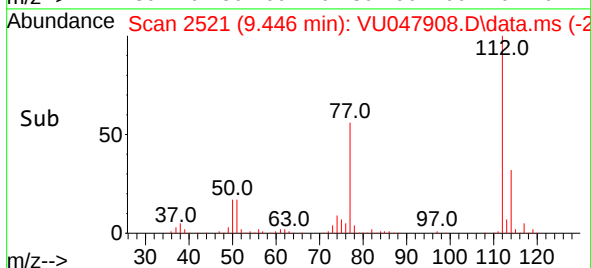
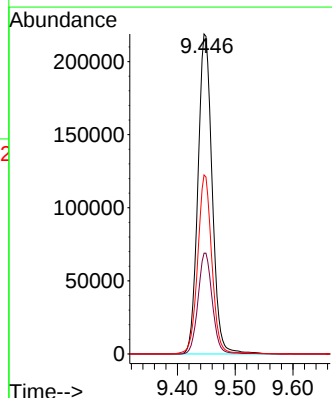
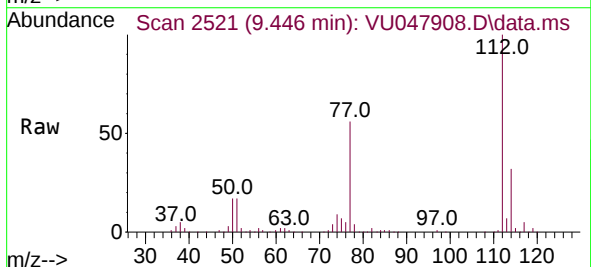
Instrument :
MSVOA_U
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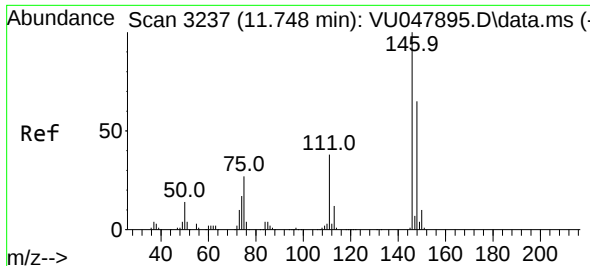
Tgt Ion: 75 Resp: 2309
Ion Ratio Lower Upper
75 100
77 41.0 22.0 40.8#



#51
Chlorobenzene
Concen: 57.241 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

Tgt Ion:112 Resp: 374354
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 56.0 43.4 65.0

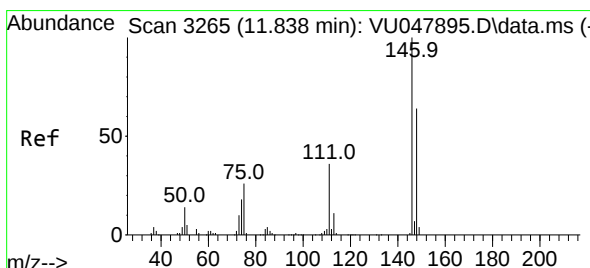
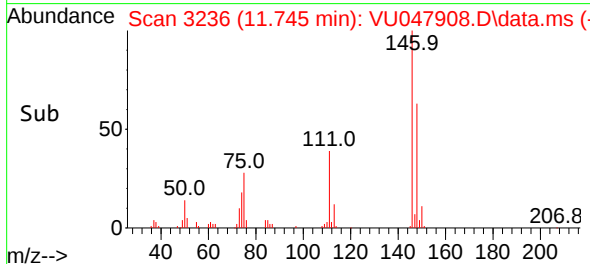
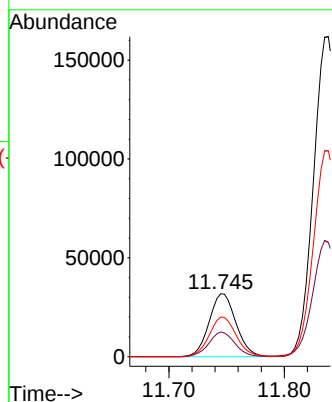
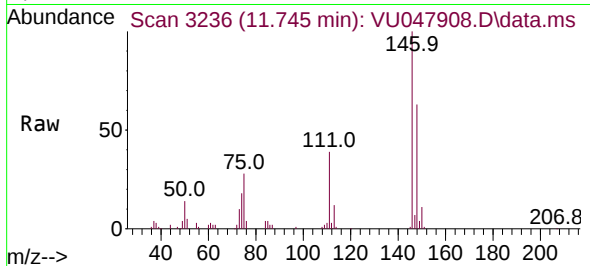




#64
1,3-Dichlorobenzene
Concen: 10.507 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

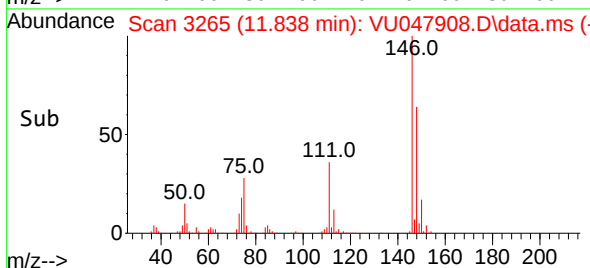
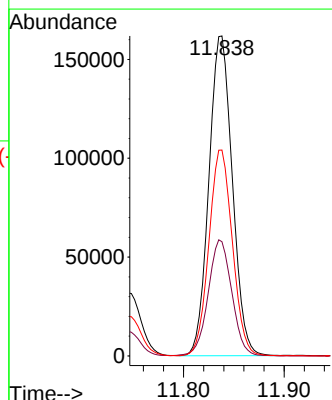
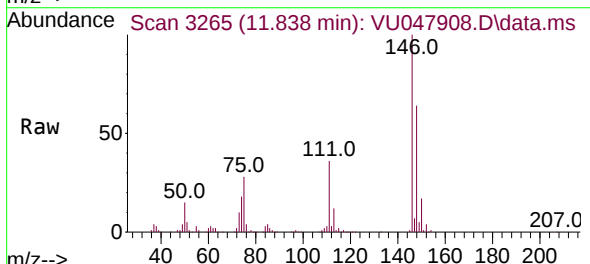
Instrument :
MSVOA_U
ClientSampleId :

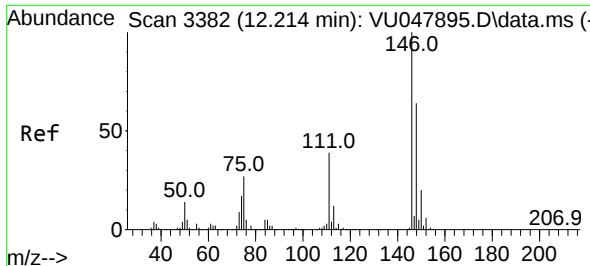
Tgt Ion:146 Resp: 51507
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 62.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.641 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

Tgt Ion:146 Resp: 262219
Ion Ratio Lower Upper
146 100
111 35.7 25.3 47.1
148 64.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 61.416 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

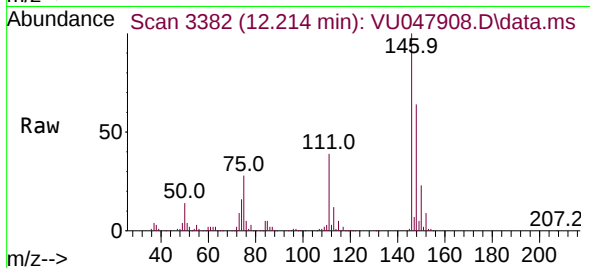
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Acq: 11 Apr 2022 16:05

Instrument :

MSVOA_U

ClientSampleId :



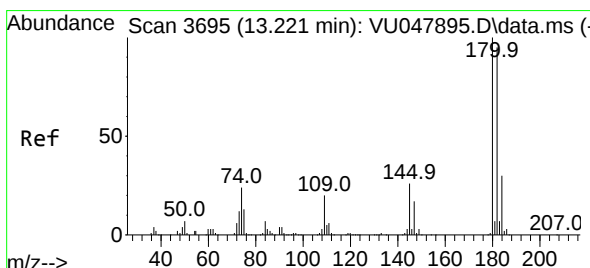
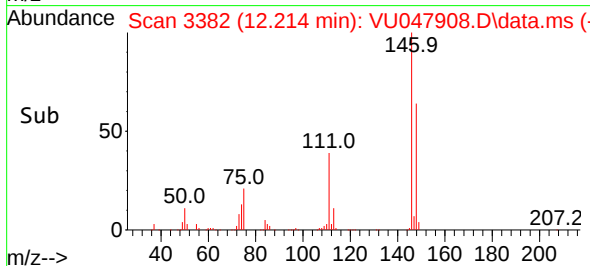
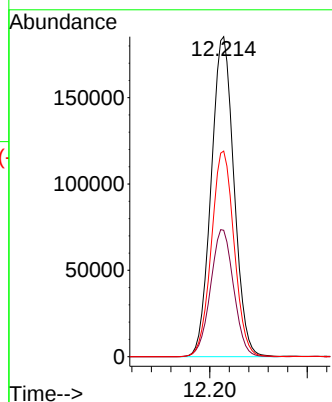
Tgt Ion:146 Resp: 301253

Ion Ratio Lower Upper

146 100

111 39.5 31.7 47.5

148 64.2 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 9.936 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.621 min

Lab File: VU047908.D

Acq: 11 Apr 2022 16:05

Tgt Ion:180 Resp: 39557

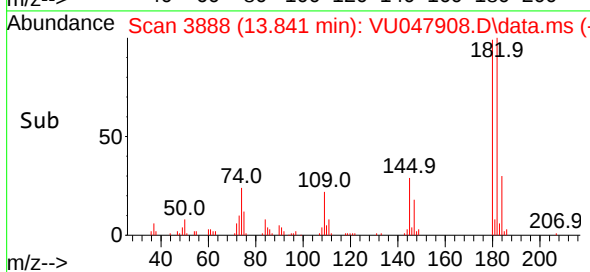
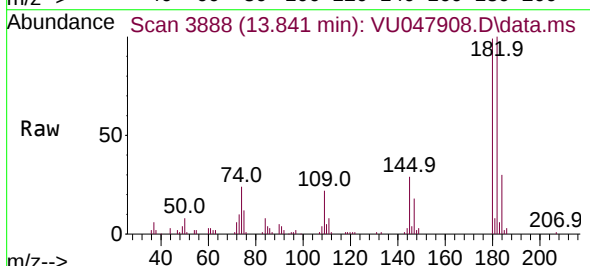
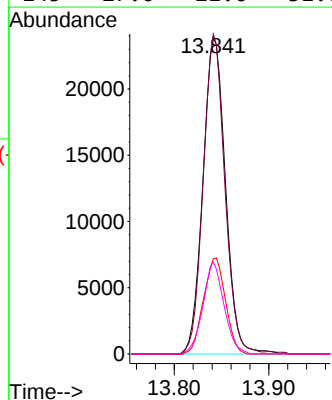
Ion Ratio Lower Upper

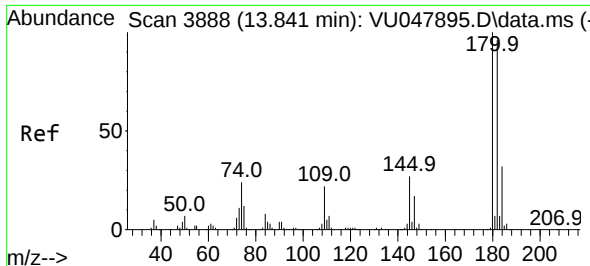
180 100

182 96.5 77.0 115.6

184 29.5 24.5 36.7

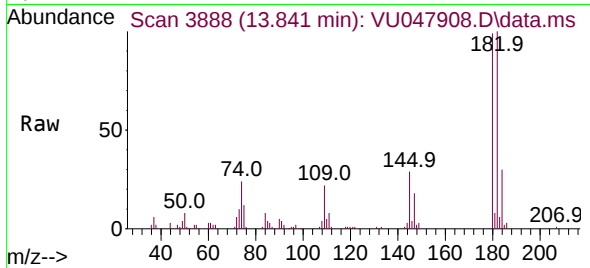
145 27.0 21.0 31.6



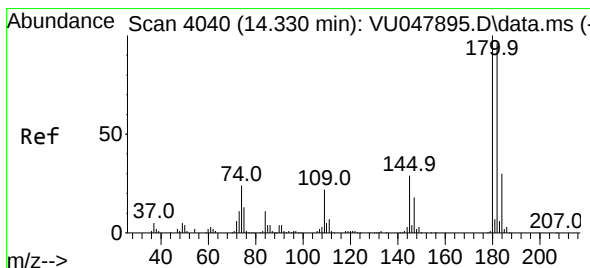
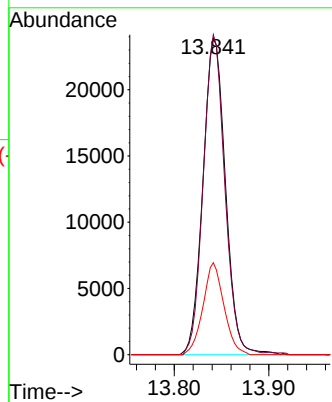
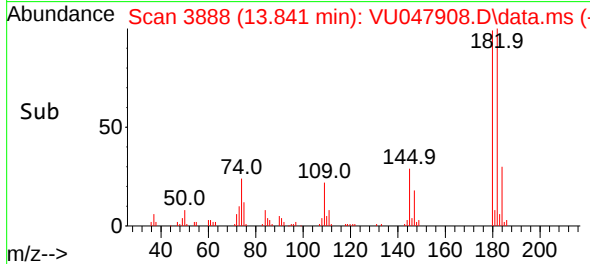


#70
1,2,4-trichlorobenzene
Concen: 11.343 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05

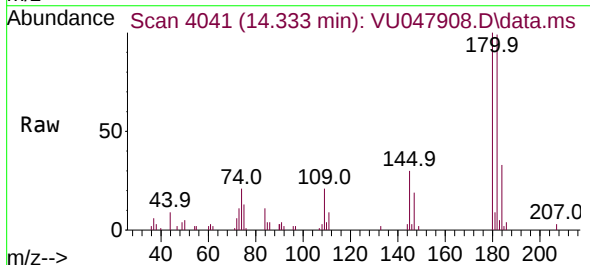
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 39557
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.2
145 27.0 21.8 32.8



#72
1,2,3-Trichlorobenzene
Concen: 4.227 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047908.D
Acq: 11 Apr 2022 16:05



Tgt Ion:180 Resp: 14778
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.0
145 28.3 22.8 34.2

