

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048219.D
 Acq On : 22 Apr 2022 12:59
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:01:10 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

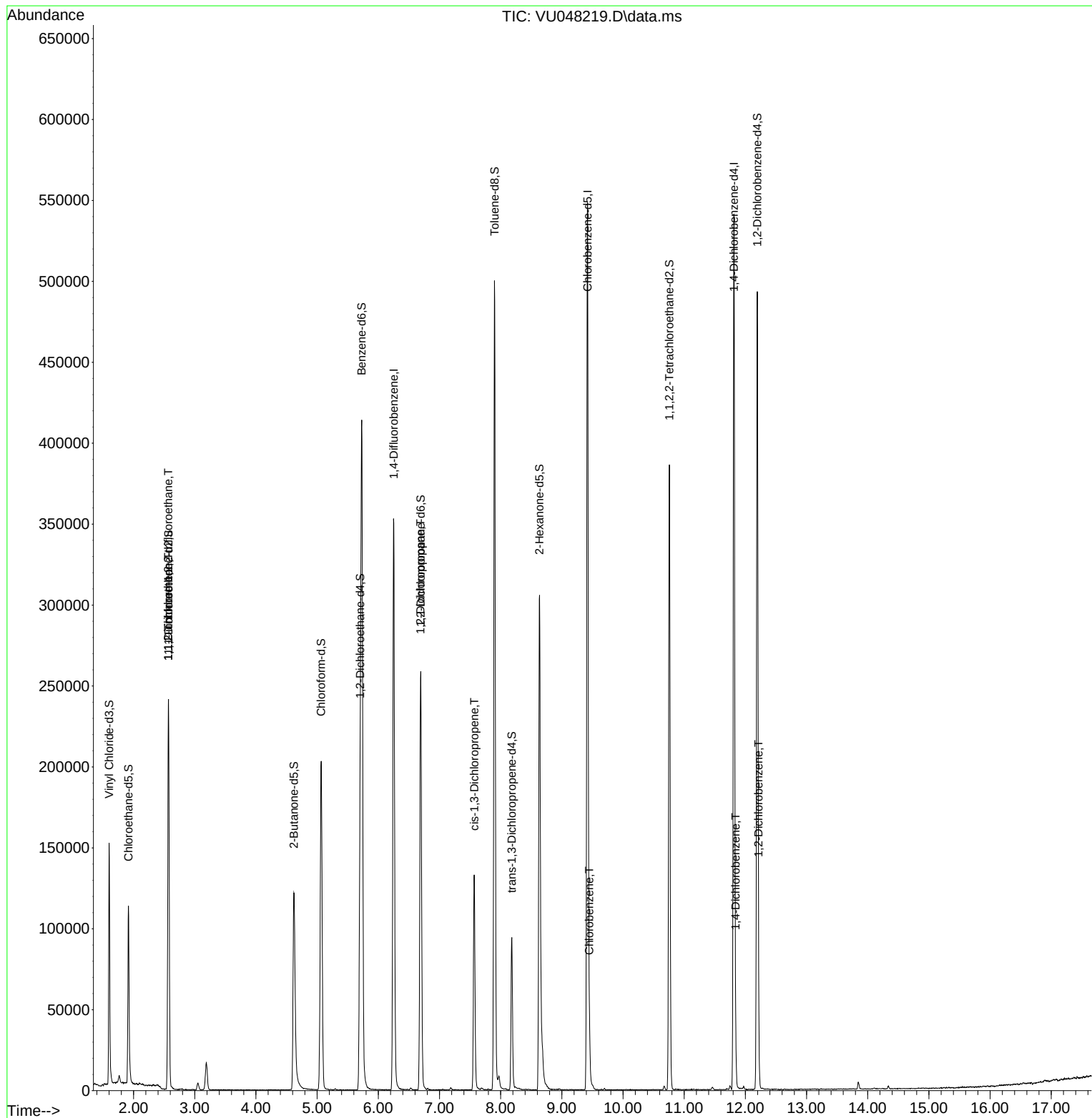
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	306654	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	331761	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154740	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	112914	50.776	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 101.560%		
7) Chloroethane-d5	1.916	69	88632	50.548	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 101.100%		
11) 1,1-Dichloroethene-d2	2.572	63	139078	34.184	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 68.360%		
21) 2-Butanone-d5	4.620	46	173975	91.149	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 91.150%		
24) Chloroform-d	5.067	84	192913	47.412	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 94.820%		
26) 1,2-Dichloroethane-d4	5.703	65	123104	49.330	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.660%		
32) Benzene-d6	5.729	84	396902	47.544	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 95.080%		
36) 1,2-Dichloropropane-d6	6.694	67	131101	51.136	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 102.280%		
41) Toluene-d8	7.899	98	342336	42.090	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 84.180%		
43) trans-1,3-Dichloroprop...	8.182	79	55159	42.468	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 84.940%		
47) 2-Hexanone-d5	8.632	63	110383	73.548	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 73.550%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	195412	44.413	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 88.820%		
66) 1,2-Dichlorobenzene-d4	12.195	152	141960	51.566	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 103.140%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1358	0.601	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1114	0.530	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	12595	5.159	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2887	0.762	ug/L #	53
51) Chlorobenzene	9.449	112	17952	2.509	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	11226	2.332	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	8300	1.785	ug/L	96

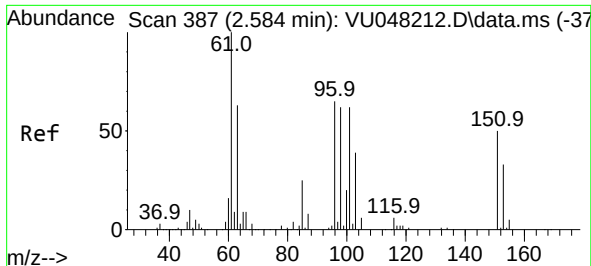
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 22 21:59:27 2022
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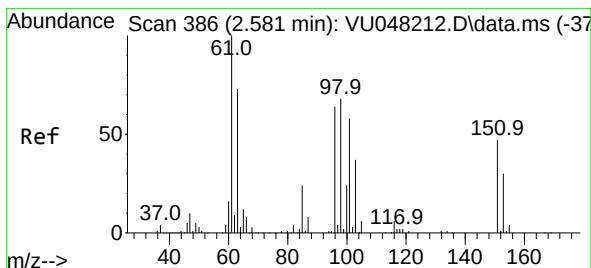
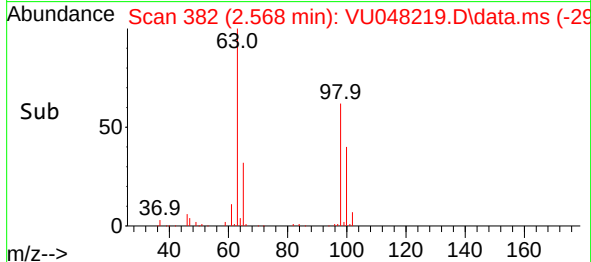
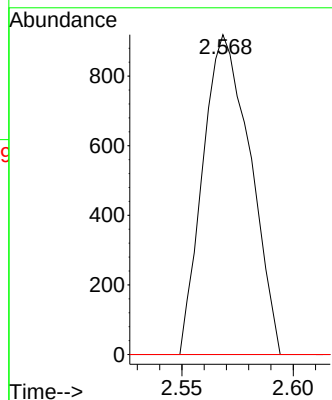
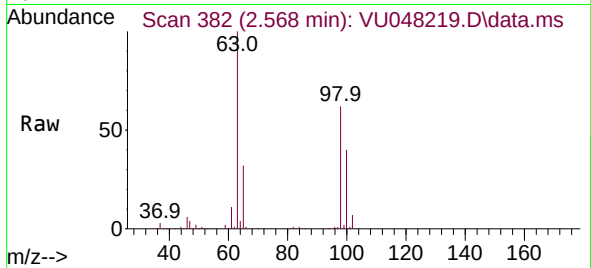




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.601 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048219.D
 Acq: 22 Apr 2022 12:59

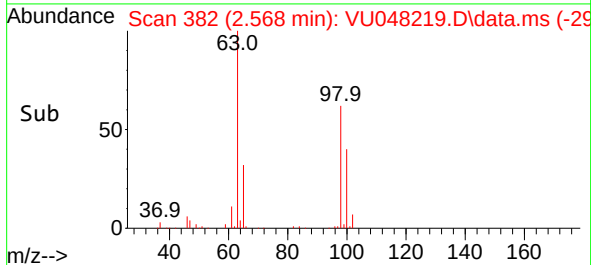
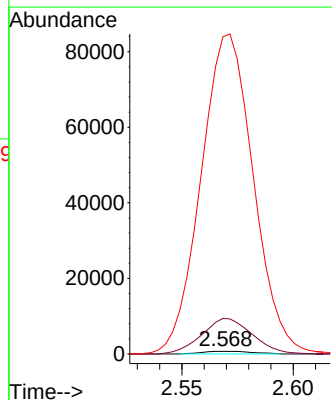
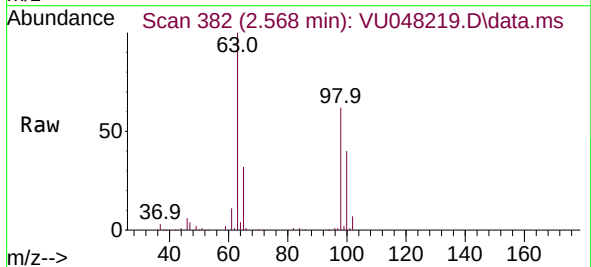
Instrument :
 MSVOA_U
 ClientSampleId :

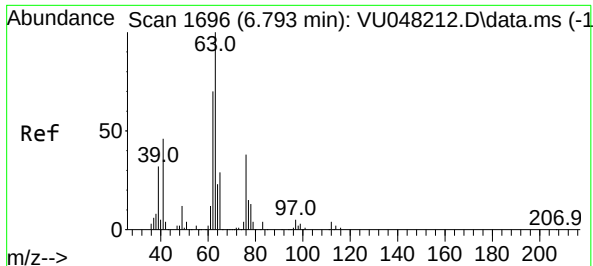
Tgt Ion:101 Resp: 1358
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.530 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048219.D
 Acq: 22 Apr 2022 12:59

Tgt Ion: 96 Resp: 1114
 Ion Ratio Lower Upper
 96 100
 61 1343.7 113.1 210.1#
 63 11993.1 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.159 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048219.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_U

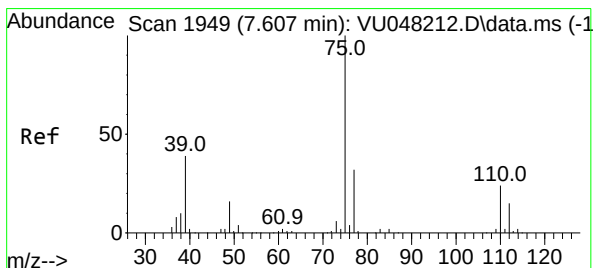
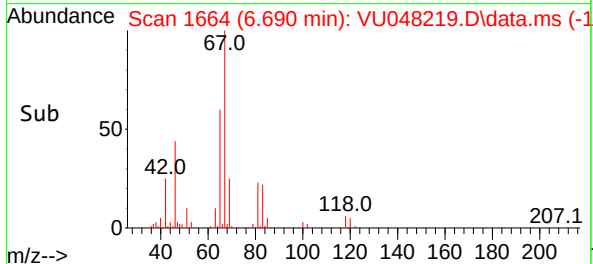
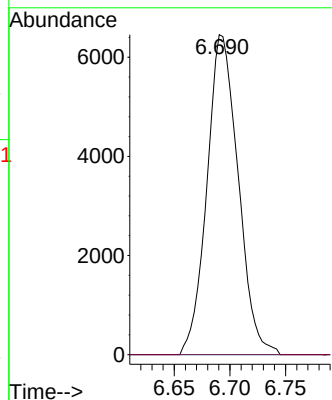
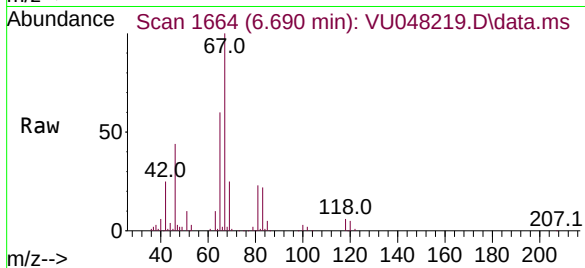
ClientSampleId :

Tgt Ion: 63 Resp: 12595

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.762 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU048219.D

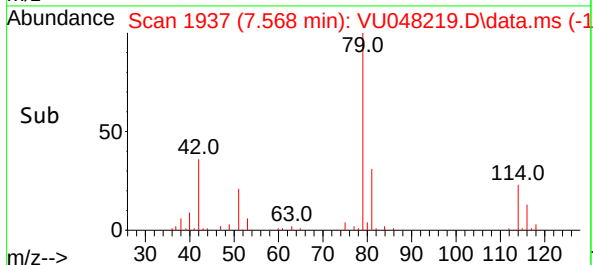
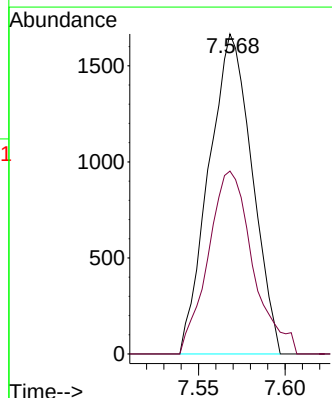
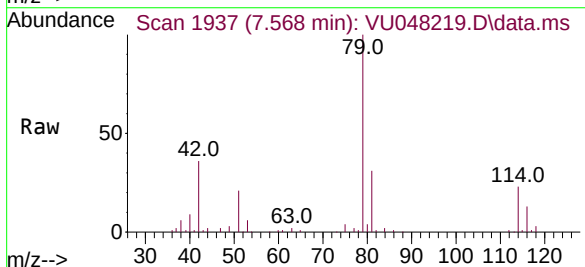
Acq: 22 Apr 2022 12:59

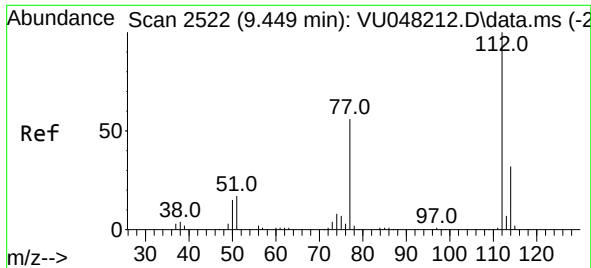
Tgt Ion: 75 Resp: 2887

Ion Ratio Lower Upper

75 100

77 57.1 21.8 40.6#

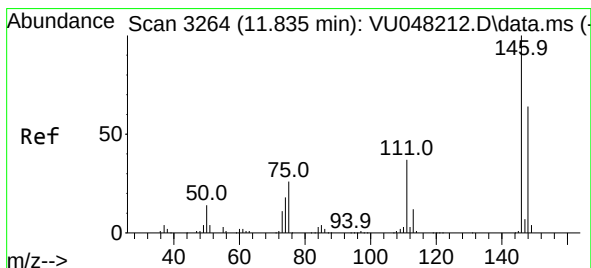
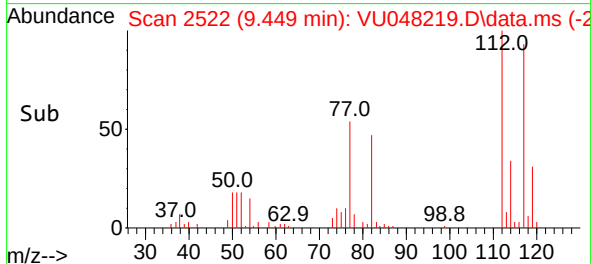
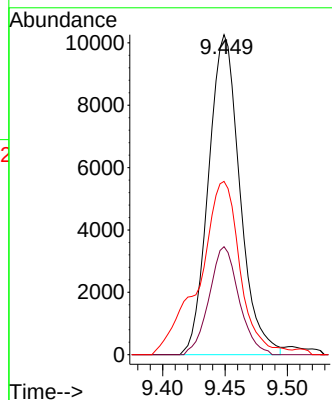
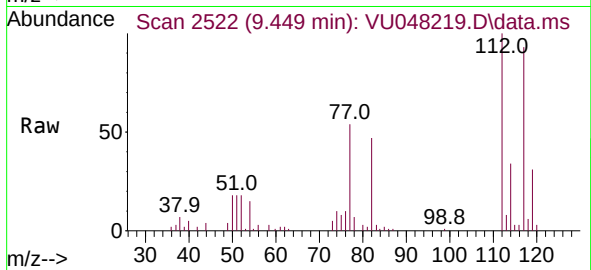




#51
Chlorobenzene
Concen: 2.509 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048219.D
Acq: 22 Apr 2022 12:59

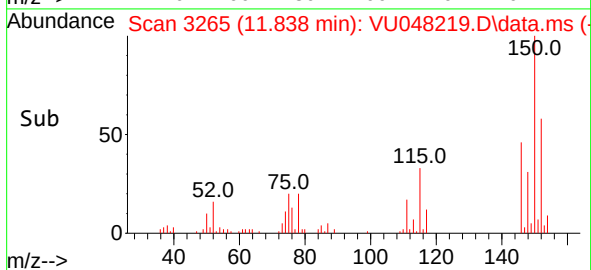
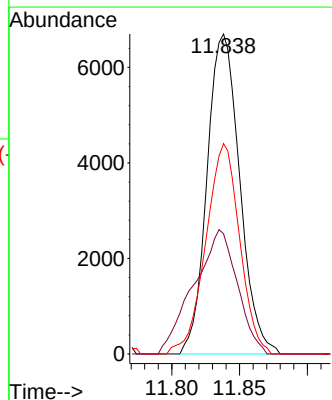
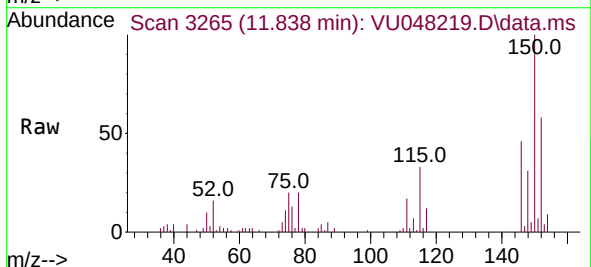
Instrument :
MSVOA_U
ClientSampleId :

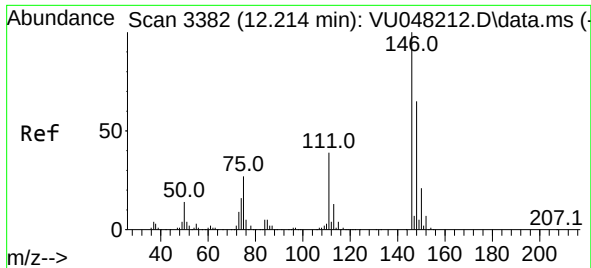
Tgt Ion:112 Resp: 17952
Ion Ratio Lower Upper
112 100
114 33.7 22.1 41.1
77 54.2 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 2.332 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048219.D
Acq: 22 Apr 2022 12:59

Tgt Ion:146 Resp: 11226
Ion Ratio Lower Upper
146 100
111 37.6 25.3 47.1
148 65.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 1.785 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

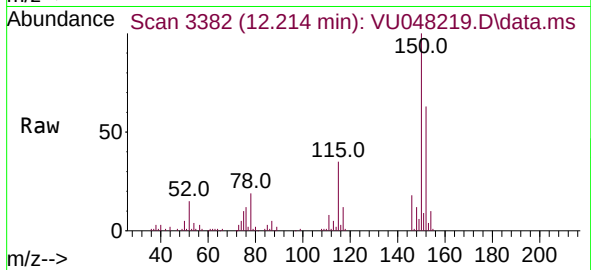
Lab File: VU048219.D

Acq: 22 Apr 2022 12:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 8300

Ion Ratio Lower Upper

146 100

111 43.8 31.7 47.5

148 66.1 51.4 77.2

