

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048036.D
 Acq On : 14 Apr 2022 04:08
 Operator : SY/MD
 Sample : N2386-14 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J38

Quant Time: Apr 14 07:21:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

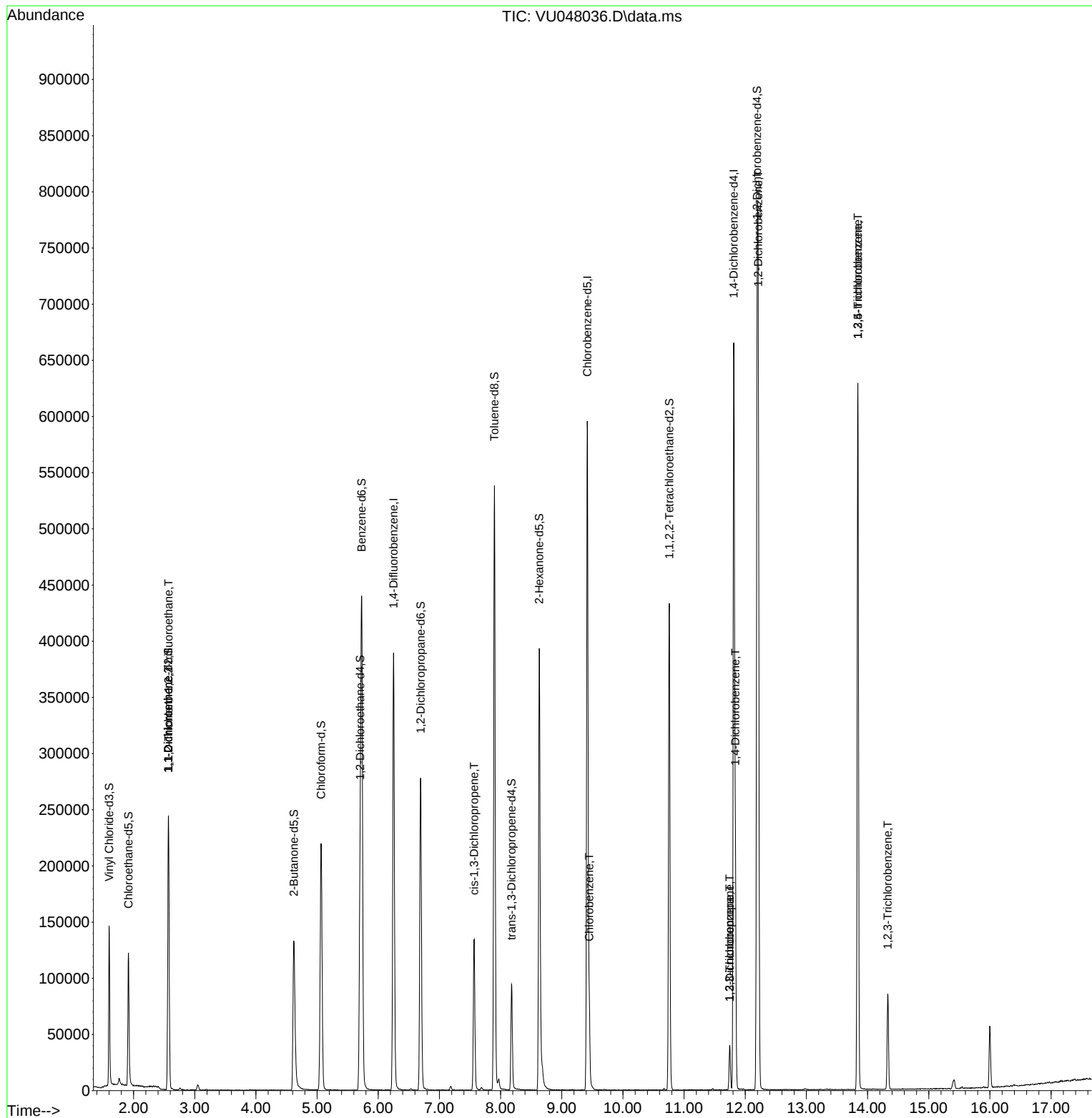
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	334797	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	351087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182410	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101220	41.692	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.380%		
7) Chloroethane-d5	1.916	69	94289	49.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.500%		
11) 1,1-Dichloroethene-d2	2.568	63	139544	31.415	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.840%		
21) 2-Butanone-d5	4.620	46	191757	92.020	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.020%		
24) Chloroform-d	5.067	84	208477	46.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
26) 1,2-Dichloroethane-d4	5.703	65	132673	48.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.400%		
32) Benzene-d6	5.729	84	419335	47.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
36) 1,2-Dichloropropane-d6	6.693	67	138310	50.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.960%		
41) Toluene-d8	7.899	98	368091	42.765	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.540%		
43) trans-1,3-Dichloroprop...	8.179	79	54374	39.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.120%		
47) 2-Hexanone-d5	8.632	63	139480	87.820	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.820%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	213007	45.747	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.500%		
66) 1,2-Dichlorobenzene-d4	12.195	152	165849	51.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.220%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1408	0.571	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	989	0.431	ug/L #	1
39) cis-1,3-Dichloropropene	7.568	75	3200	0.798	ug/L #	64
51) Chlorobenzene	9.449	112	39436	5.209	ug/L	93
60) 1,2,3-Trichloropropane	11.745	75	4392	1.277	ug/L #	50
64) 1,3-Dichlorobenzene	11.748	146	17532	3.200	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	90169	15.887	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	251620	45.893	ug/L	100
69) 1,3,5-Trichlorobenzene	13.841	180	211453	47.516	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	211453	54.248	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	28270	7.235	ug/L	99

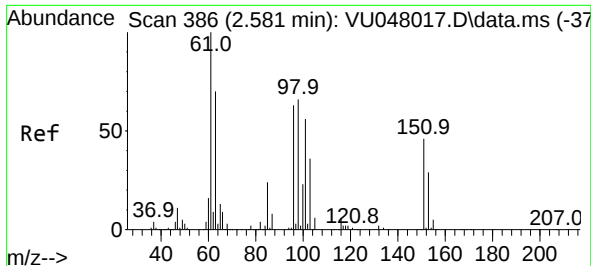
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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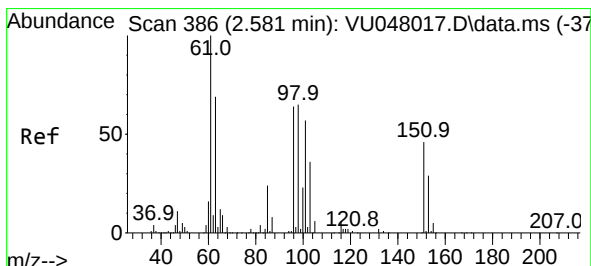
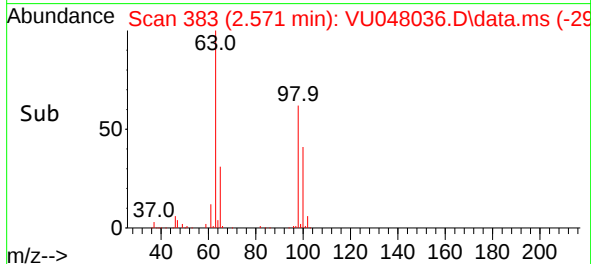
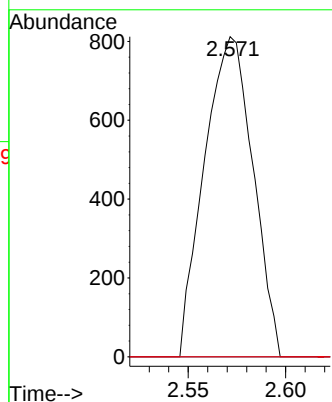
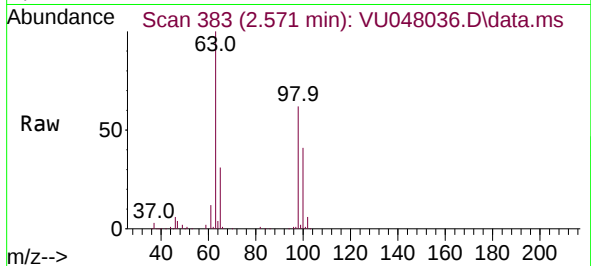




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.571 ug/L
 RT: 2.571 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU048036.D
 Acq: 14 Apr 2022 04:08

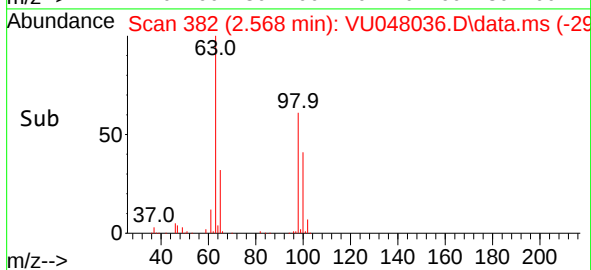
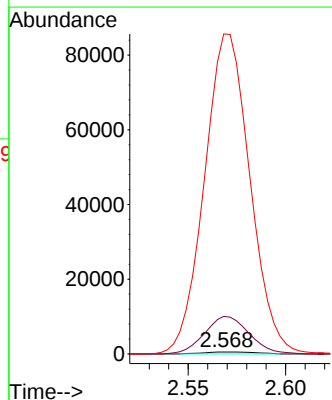
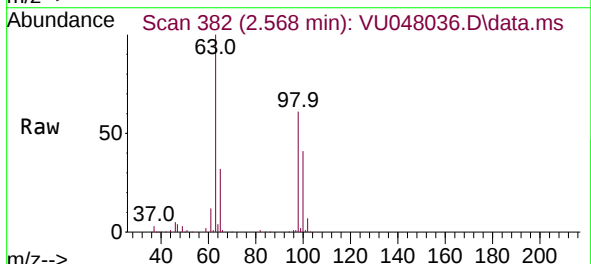
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J38

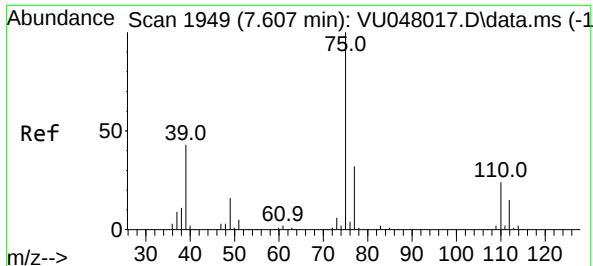
Tgt Ion:101 Resp: 1408
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.431 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048036.D
 Acq: 14 Apr 2022 04:08

Tgt Ion: 96 Resp: 989
 Ion Ratio Lower Upper
 96 100
 61 1903.2 113.1 210.1#
 63 16221.2 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.798 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048036.D

Acq: 14 Apr 2022 04:08

Instrument :

MSVOA_U

ClientSampleId :

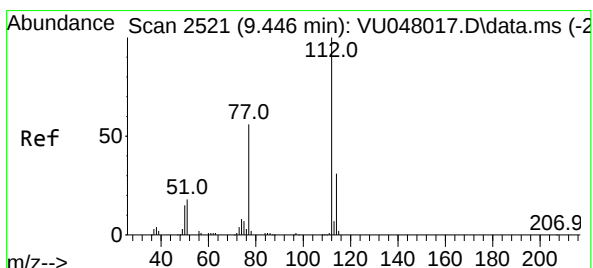
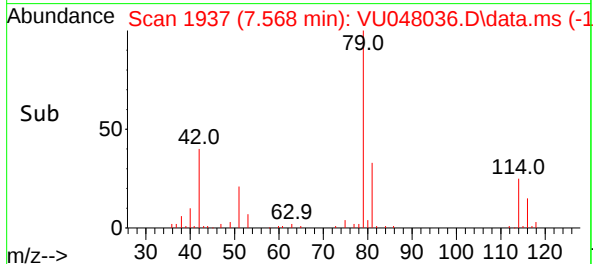
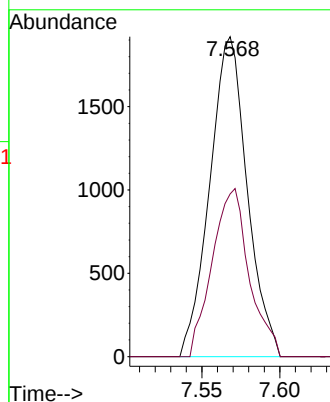
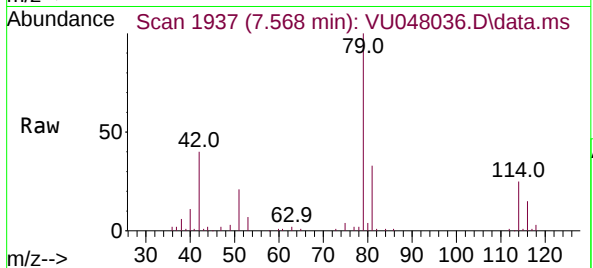
C0J38

Tgt Ion: 75 Resp: 3200

Ion Ratio Lower Upper

75 100

77 50.8 21.8 40.6#



#51

Chlorobenzene

Concen: 5.209 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU048036.D

Acq: 14 Apr 2022 04:08

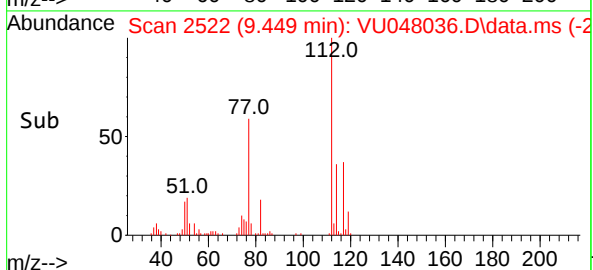
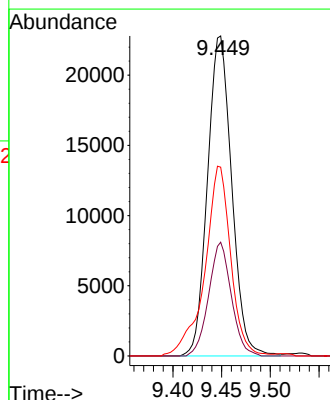
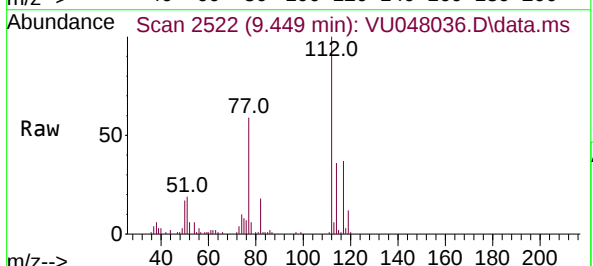
Tgt Ion: 112 Resp: 39436

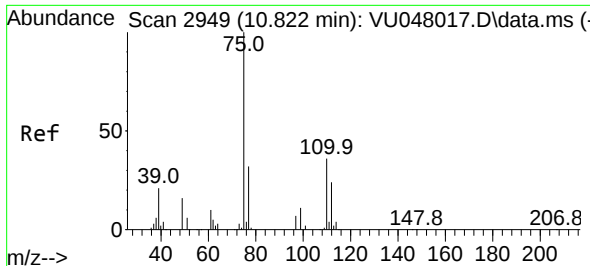
Ion Ratio Lower Upper

112 100

114 35.6 22.1 41.1

77 59.0 43.4 65.0

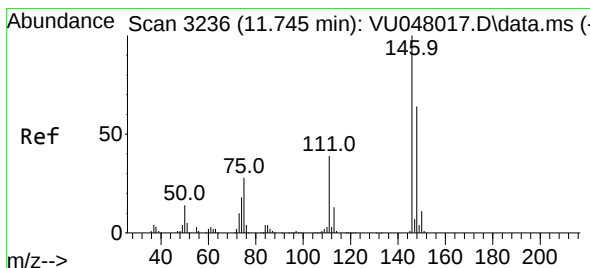
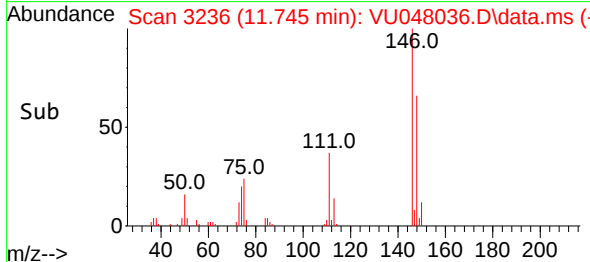
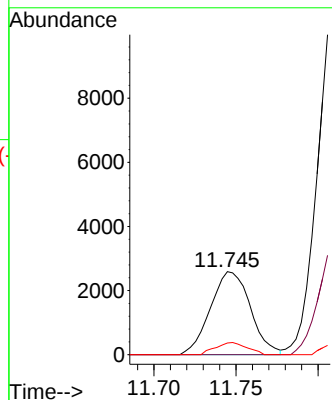
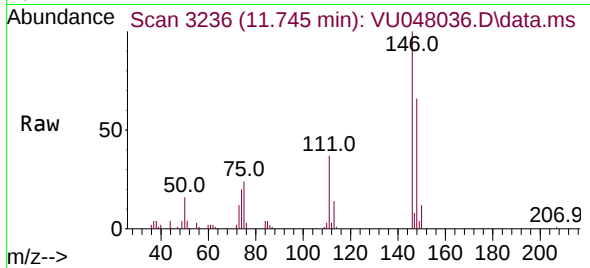




#60
1,2,3-Trichloropropane
Concen: 1.277 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.922 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

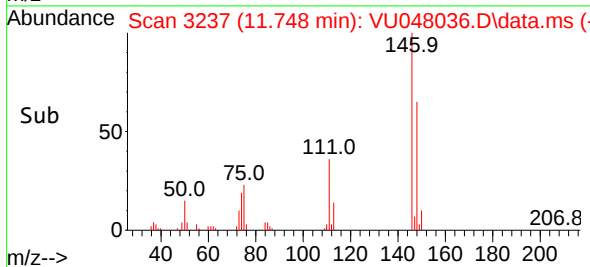
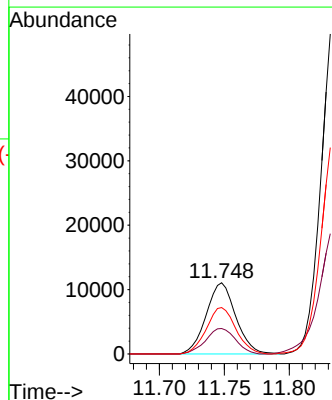
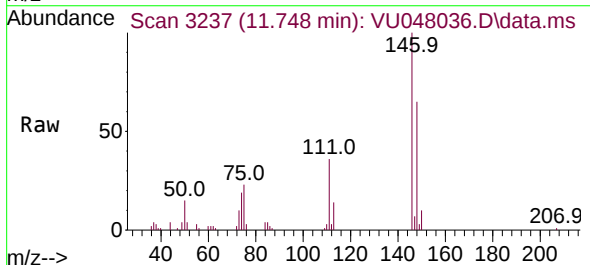
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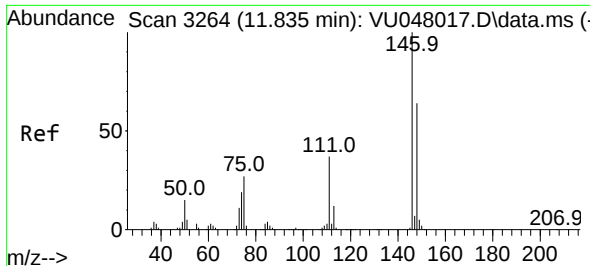
Tgt Ion: 75 Resp: 4392
Ion Ratio Lower Upper
75 100
77 0.9 26.0 39.0#
110 11.5 31.4 47.2#



#64
1,3-Dichlorobenzene
Concen: 3.200 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

Tgt Ion:146 Resp: 17532
Ion Ratio Lower Upper
146 100
111 35.8 26.7 49.7
148 65.0 44.4 82.5

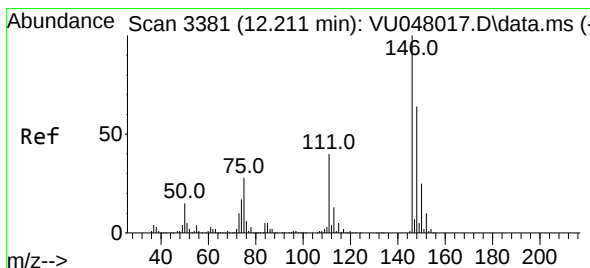
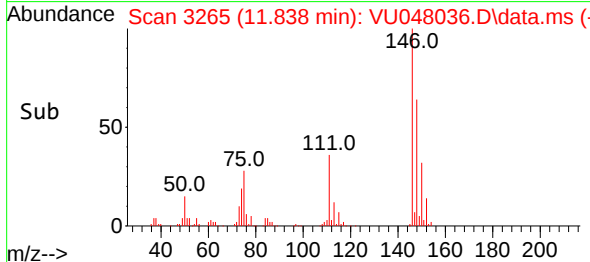
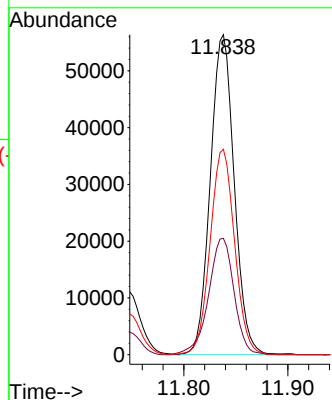
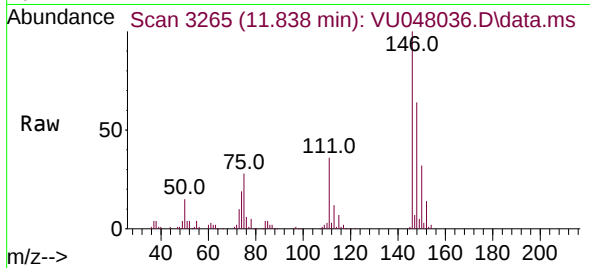




#65
1,4-Dichlorobenzene
Concen: 15.887 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

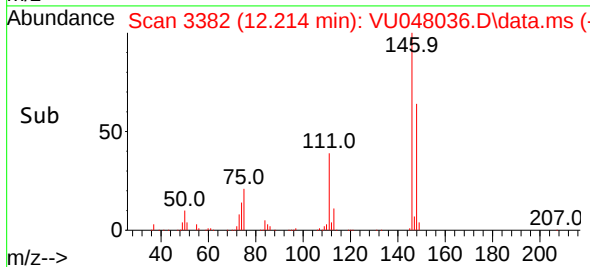
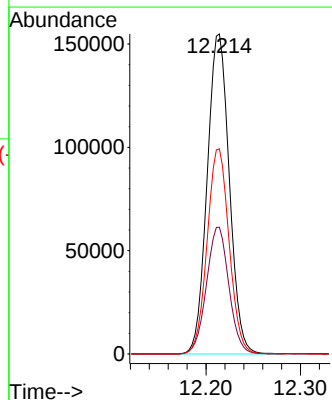
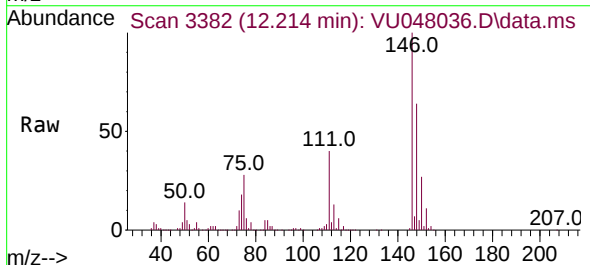
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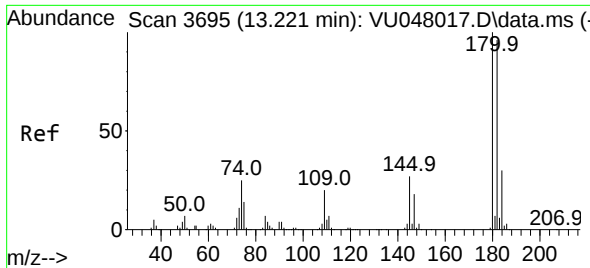
Tgt Ion:146 Resp: 90169
Ion Ratio Lower Upper
146 100
111 36.4 25.3 47.1
148 64.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 45.893 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU048036.D
Acq: 14 Apr 2022 04:08

Tgt Ion:146 Resp: 251620
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 64.1 51.4 77.2



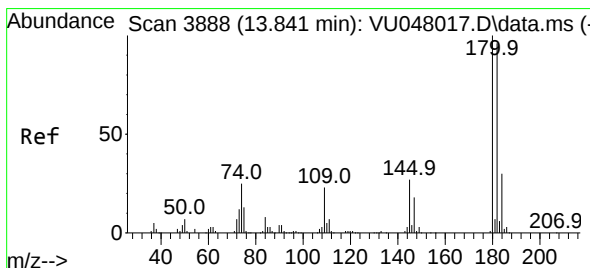
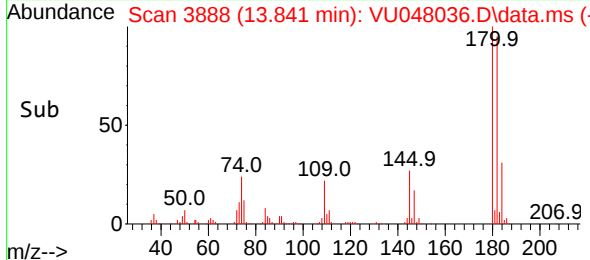
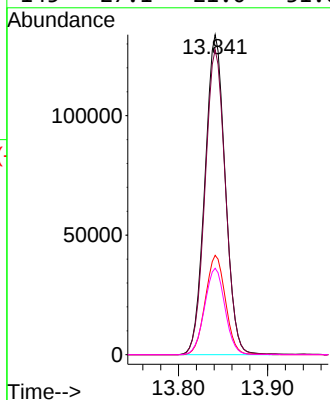
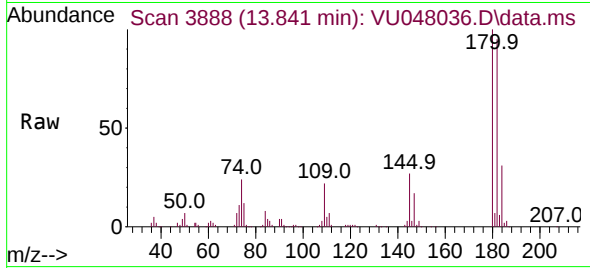


#69
 1,3,5-Trichlorobenzene
 Concen: 47.516 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.620 min
 Lab File: VU048036.D
 Acq: 14 Apr 2022 04:08

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J38

Tgt Ion:180 Resp: 211453

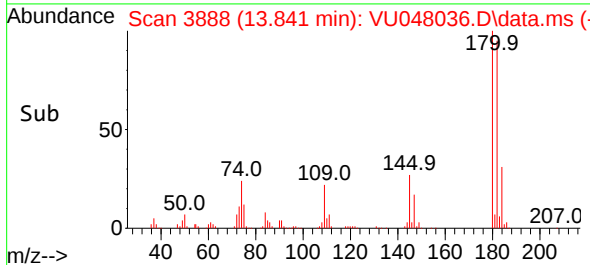
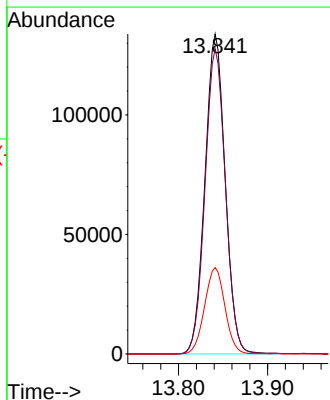
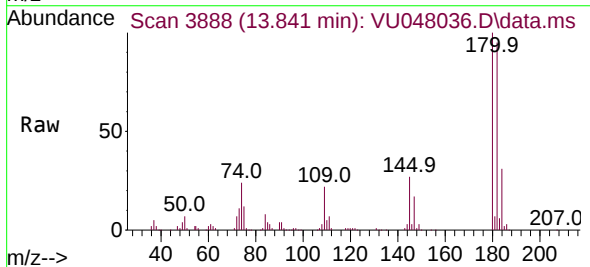
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.6
184	30.7	24.5	36.7
145	27.1	21.0	31.6

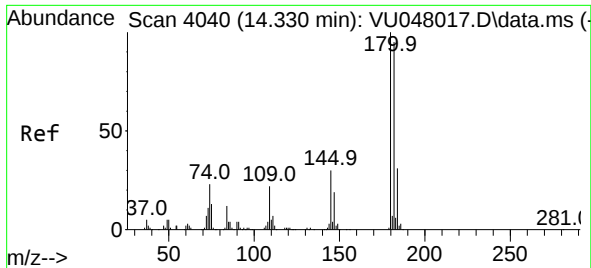


#70
 1,2,4-trichlorobenzene
 Concen: 54.248 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048036.D
 Acq: 14 Apr 2022 04:08

Tgt Ion:180 Resp: 211453

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.2	114.2
145	27.1	21.8	32.8





#72

1,2,3-Trichlorobenzene

Concen: 7.235 ug/L

RT: 14.330 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU048036.D

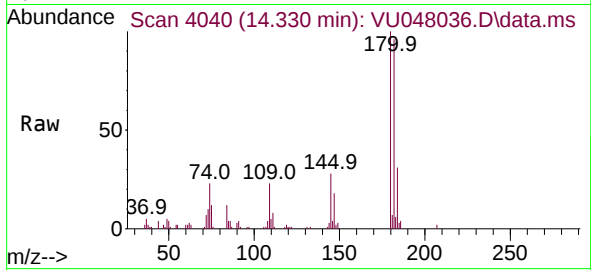
Acq: 14 Apr 2022 04:08

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:180 Resp: 28270

Ion Ratio Lower Upper

180 100

182 97.9 77.4 116.0

145 29.3 22.8 34.2

