

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047909.D
 Acq On : 11 Apr 2022 16:28
 Operator : SY/MD
 Sample : N2343-17DL 1000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:03:54 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)

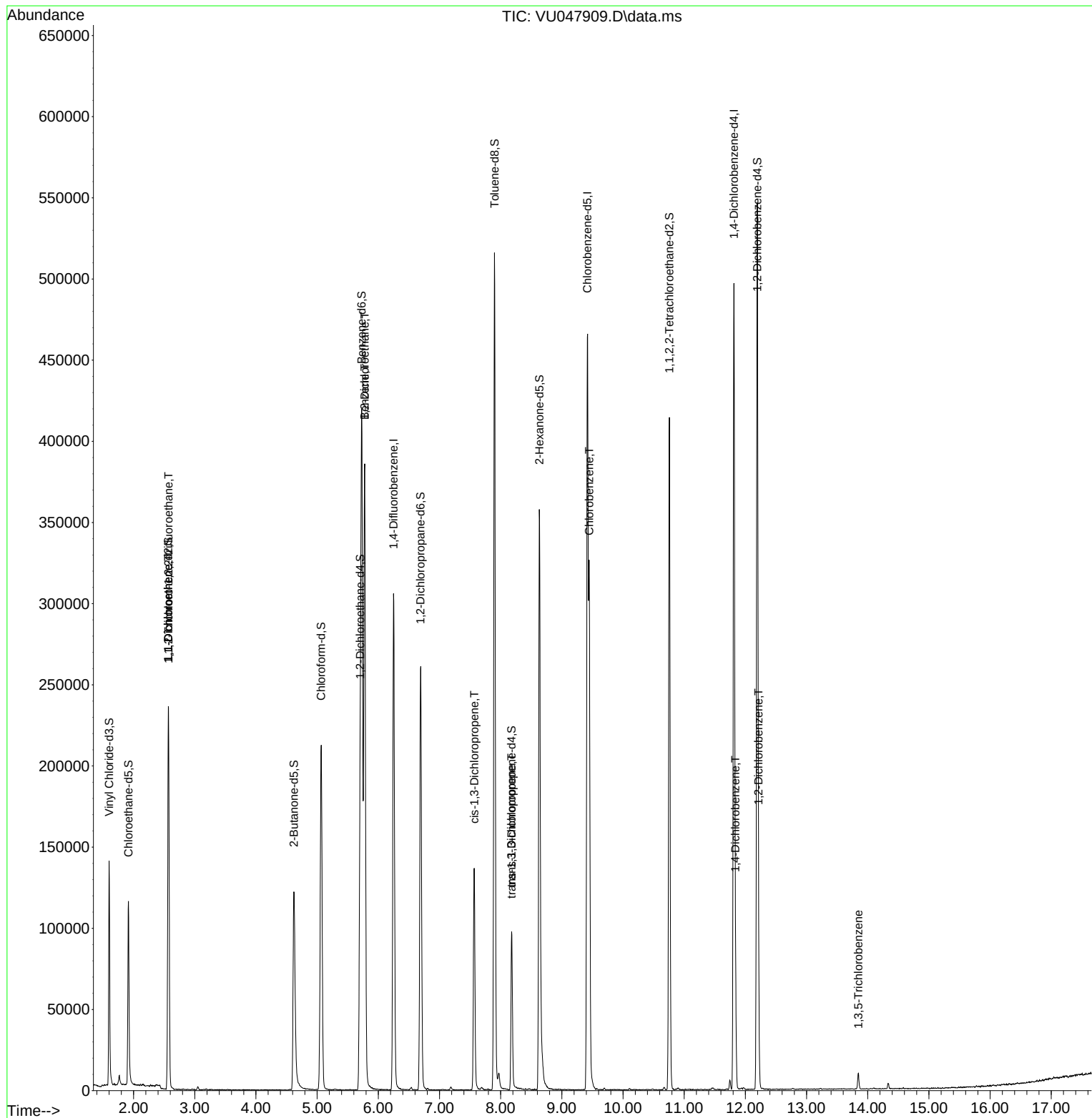
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	260841	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	275449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144393	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102437	54.156	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 108.320%		
7) Chloroethane-d5	1.916	69	89638	60.100	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 120.200%		
11) 1,1-Dichloroethene-d2	2.568	63	133851	38.677	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 77.360%		
21) 2-Butanone-d5	4.620	46	174137	107.258	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 107.260%		
24) Chloroform-d	5.067	84	199375	57.606	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 115.220%		
26) 1,2-Dichloroethane-d4	5.703	65	128564	60.566	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 121.140%		
32) Benzene-d6	5.729	84	392275	56.597	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 113.200%		
36) 1,2-Dichloropropane-d6	6.690	67	126743	59.543	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 119.080%		
41) Toluene-d8	7.899	98	350645	51.925	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 103.860%		
43) trans-1,3-Dichloroprop...	8.179	79	55857	51.797	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 103.600%		
47) 2-Hexanone-d5	8.633	63	128040	102.754	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 102.750%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201584	55.183	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 110.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	152983	59.552	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 119.100%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1350	0.702	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1171	0.654	ug/L #	1
27) 1,2-Dichloroethane	5.777	62	3317	1.198	ug/L #	75
33) Benzene	5.777	78	373690	46.870	ug/L	100
39) cis-1,3-Dichloropropene	7.568	75	3329	1.059	ug/L #	66
44) trans-1,3-Dichloropropene	8.176	75	2304	0.734	ug/L	83
51) Chlorobenzene	9.449	112	171673	28.901	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	27912	6.213	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	22607	5.209	ug/L	98
69) 1,3,5-Trichlorobenzene	13.848	180	3920	1.113	ug/L	96

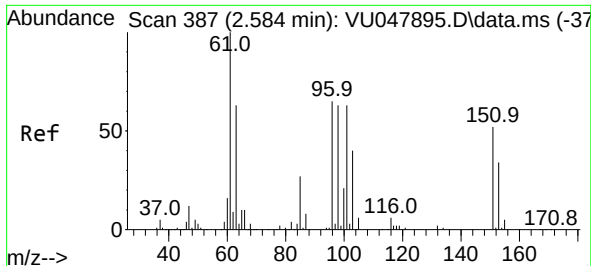
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 12 01:57:58 2022
Response via : Initial Calibration





#10

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

Concen: 0.702 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047909.D

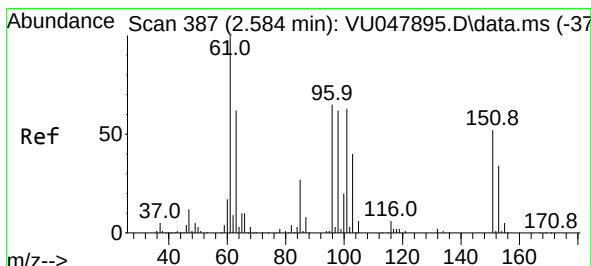
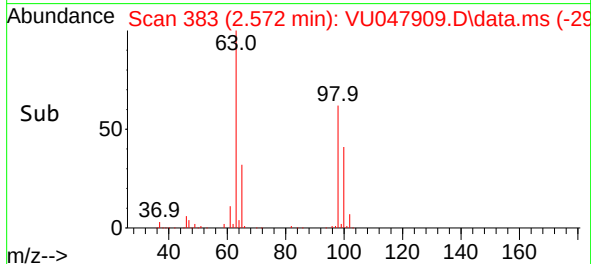
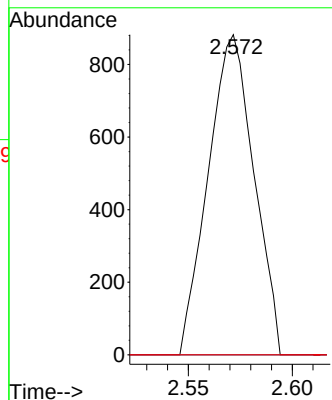
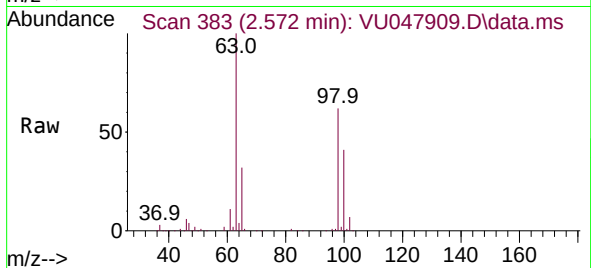
Acq: 11 Apr 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	1350
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: 0.654 ug/L

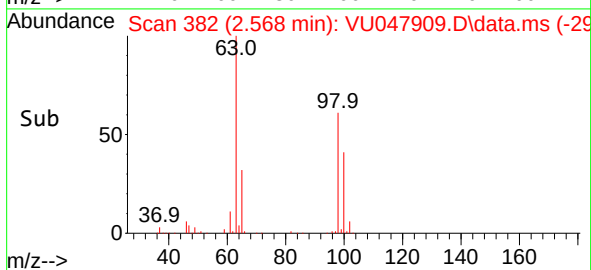
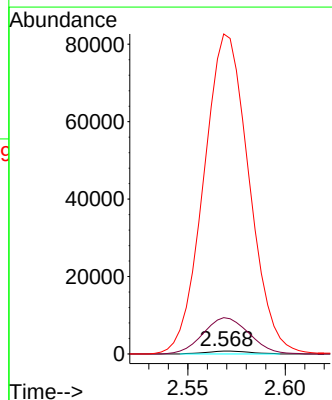
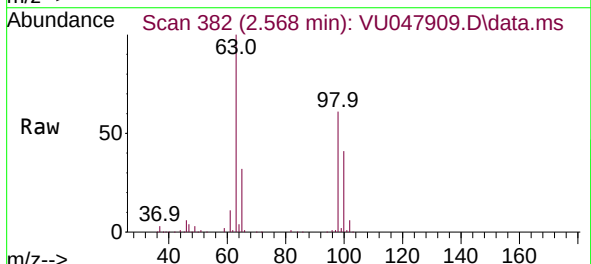
RT: 2.568 min Scan# 382

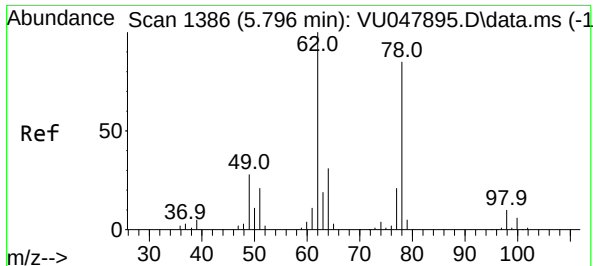
Delta R.T. -0.016 min

Lab File: VU047909.D

Acq: 11 Apr 2022 16:28

Tgt Ion:	96	Resp:	1171
Ion	Ratio	Lower	Upper
96	100		
61	1256.2	113.1	210.1#
63	11081.0	94.8	176.0#





#27

1,2-Dichloroethane

Concen: 1.198 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.019 min

Lab File: VU047909.D

Acq: 11 Apr 2022 16:28

Instrument :

MSVOA_U

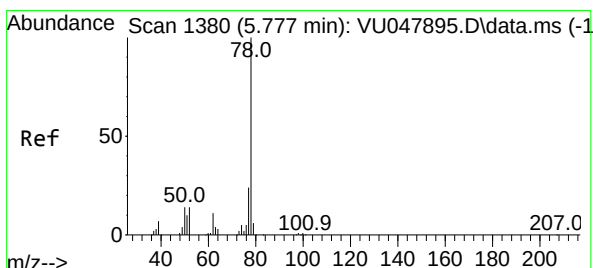
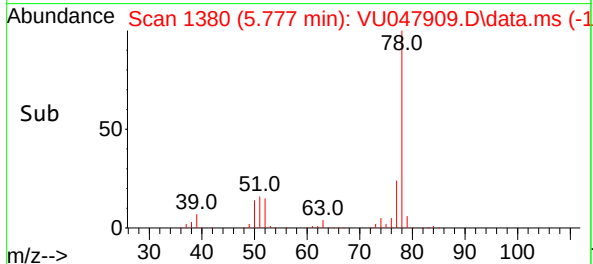
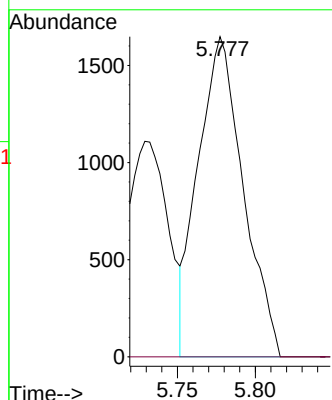
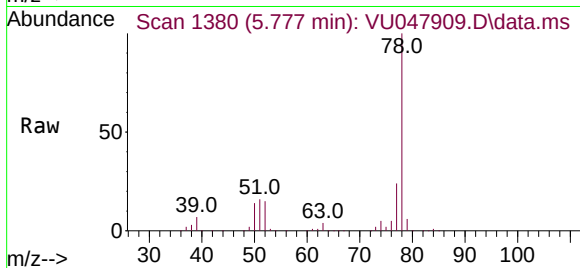
ClientSampleId :

Tgt Ion: 62 Resp: 3317

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 46.870 ug/L

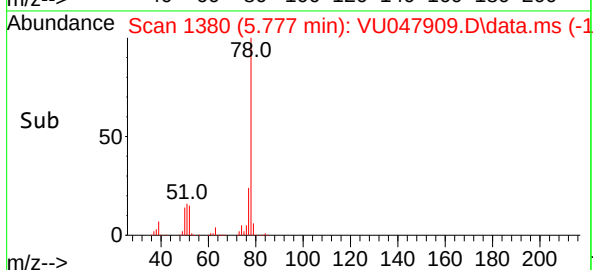
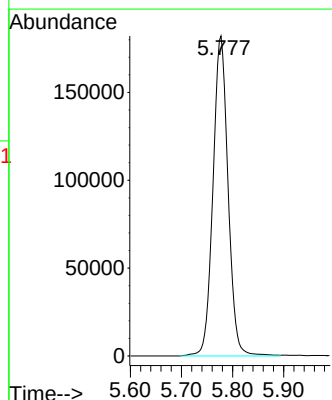
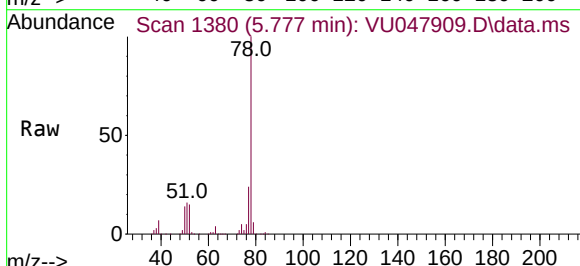
RT: 5.777 min Scan# 1380

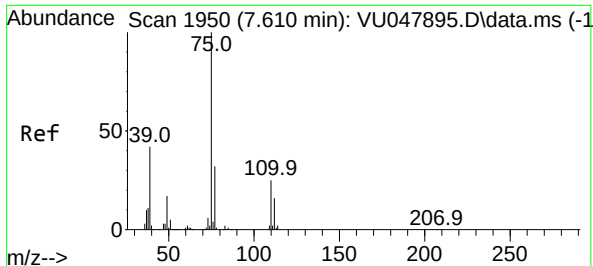
Delta R.T. 0.000 min

Lab File: VU047909.D

Acq: 11 Apr 2022 16:28

Tgt Ion: 78 Resp: 373690





#39

cis-1,3-Dichloropropene

Concen: 1.059 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047909.D

Acq: 11 Apr 2022 16:28

Instrument :

MSVOA_U

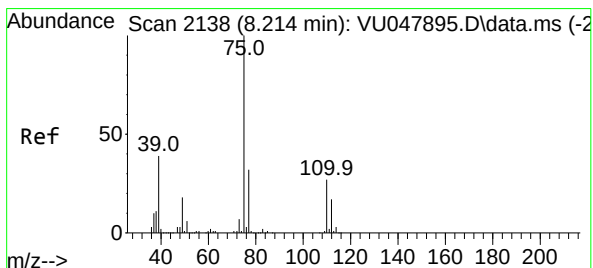
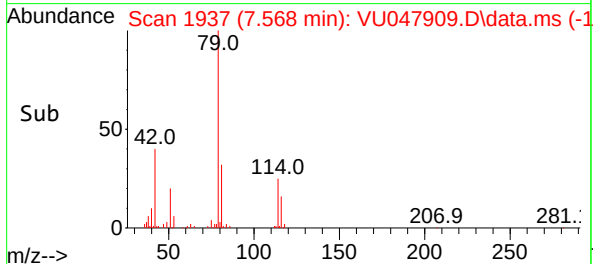
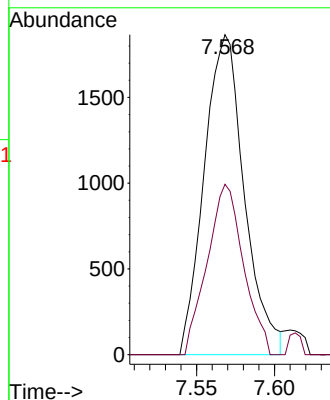
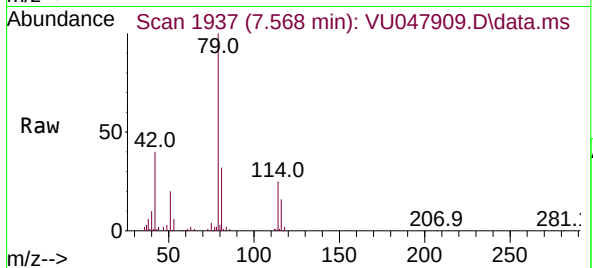
ClientSampleId :

Tgt Ion: 75 Resp: 3329

Ion Ratio Lower Upper

75 100

77 50.1 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.734 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.038 min

Lab File: VU047909.D

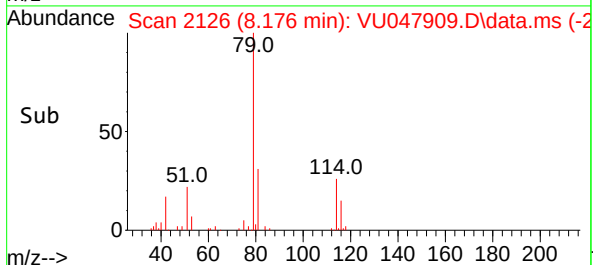
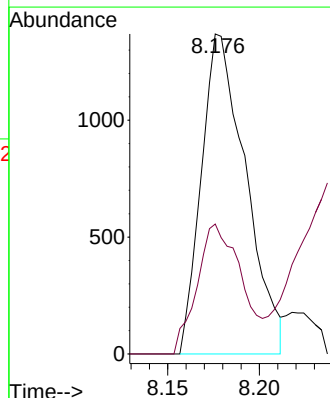
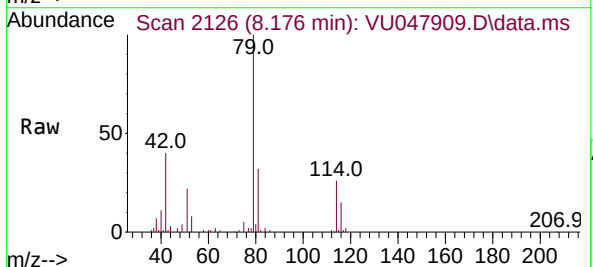
Acq: 11 Apr 2022 16:28

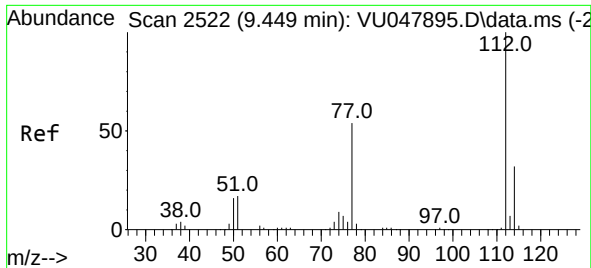
Tgt Ion: 75 Resp: 2304

Ion Ratio Lower Upper

75 100

77 40.6 22.0 40.8

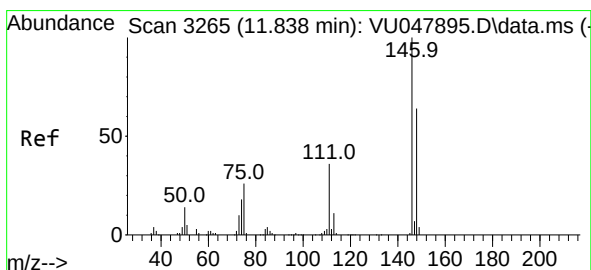
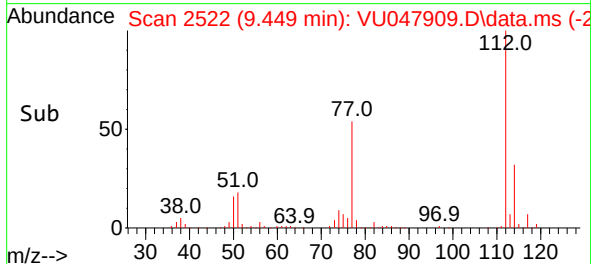
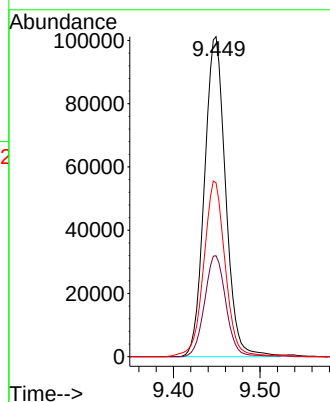
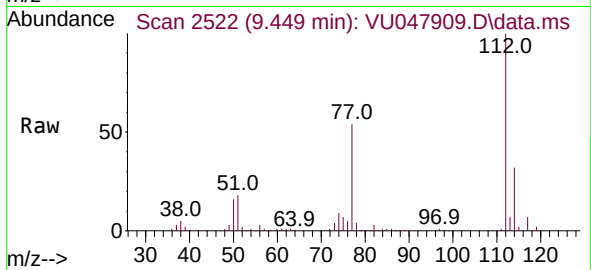




#51
Chlorobenzene
Concen: 28.901 ug/L
RT: 9.449 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU047909.D
Acq: 11 Apr 2022 16:28

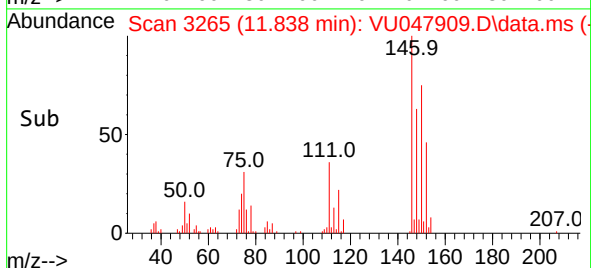
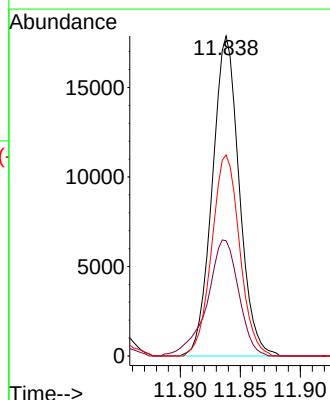
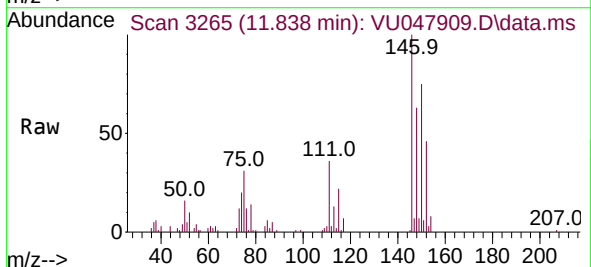
Instrument :
MSVOA_U
ClientSampleId :

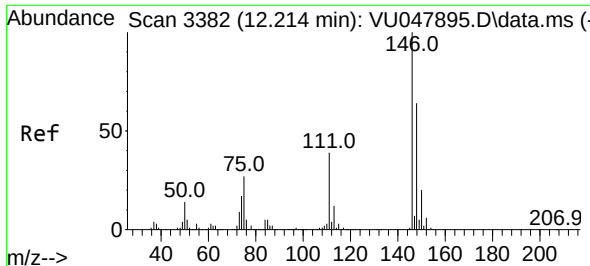
Tgt Ion:112 Resp: 171673
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 54.3 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 6.213 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047909.D
Acq: 11 Apr 2022 16:28

Tgt Ion:146 Resp: 27912
Ion Ratio Lower Upper
146 100
111 36.0 25.3 47.1
148 62.8 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.209 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

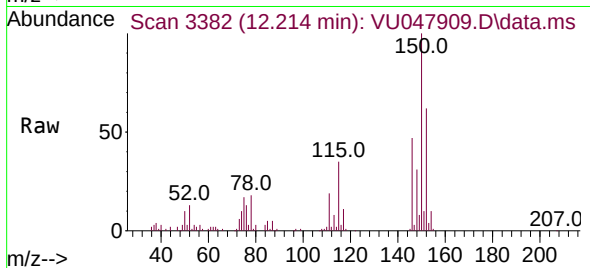
Lab File: VU047909.D

Acq: 11 Apr 2022 16:28

Instrument :

MSVOA_U

ClientSampleId :



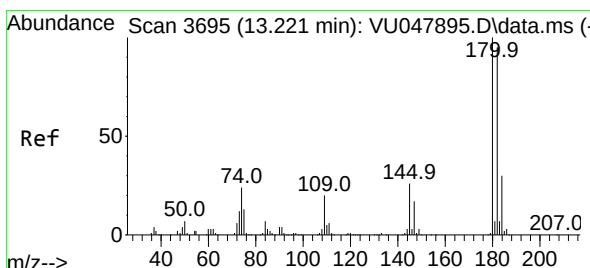
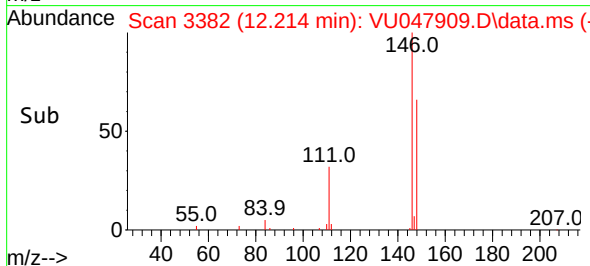
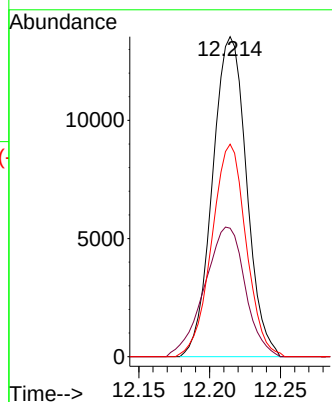
Tgt Ion:146 Resp: 22607

Ion Ratio Lower Upper

146 100

111 40.1 31.7 47.5

148 66.4 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 1.113 ug/L

RT: 13.848 min Scan# 3890

Delta R.T. 0.627 min

Lab File: VU047909.D

Acq: 11 Apr 2022 16:28

Tgt Ion:180 Resp: 3920

Ion Ratio Lower Upper

180 100

182 90.9 77.0 115.6

184 30.9 24.5 36.7

145 27.1 21.0 31.6

