

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041122\
 Data File : VU047907.D
 Acq On : 11 Apr 2022 15:42
 Operator : SY/MD
 Sample : N2343-06DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:03:31 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)

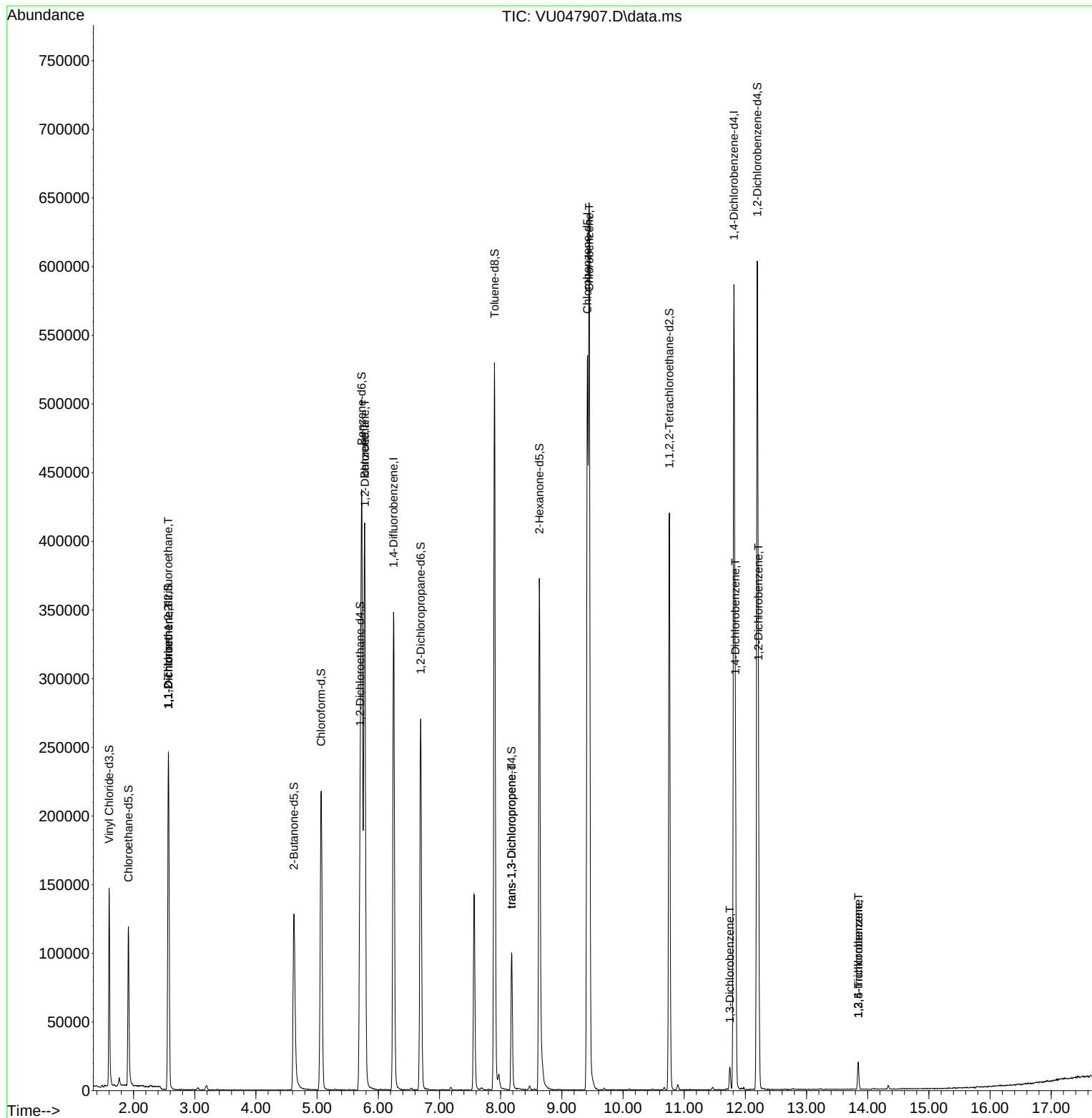
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	297586	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	310436	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163386	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	106323	49.269	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.540%			
7) Chloroethane-d5	1.916	69	93660	55.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.080%			
11) 1,1-Dichloroethene-d2	2.568	63	139572	35.351	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.700%			
21) 2-Butanone-d5	4.620	46	186020	100.429	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.430%			
24) Chloroform-d	5.067	84	205153	51.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.920%			
26) 1,2-Dichloroethane-d4	5.703	65	130776	54.001	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.000%			
32) Benzene-d6	5.729	84	409972	52.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.960%			
36) 1,2-Dichloropropane-d6	6.694	67	131435	54.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.580%			
41) Toluene-d8	7.899	98	360575	47.378	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.760%			
43) trans-1,3-Dichloroprop...	8.179	79	55648	45.787	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.580%			
47) 2-Hexanone-d5	8.632	63	131416	93.577	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.580%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206630	50.189	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.380%			
66) 1,2-Dichlorobenzene-d4	12.195	152	158664	54.584	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.160%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1413	0.644	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1272	0.623	ug/L #	1
27) 1,2-Dichloroethane	5.781	62	3985	1.262	ug/L #	75
33) Benzene	5.777	78	401984	44.736	ug/L	100
44) trans-1,3-Dichloropropene	8.179	75	2663	0.752	ug/L	88
51) Chlorobenzene	9.446	112	352436	52.646	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	7653	1.559	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	100911	19.850	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	79556	16.200	ug/L	98
69) 1,3,5-Trichlorobenzene	13.845	180	7262	1.822	ug/L	95
70) 1,2,4-trichlorobenzene	13.845	180	7262	2.080	ug/L	96

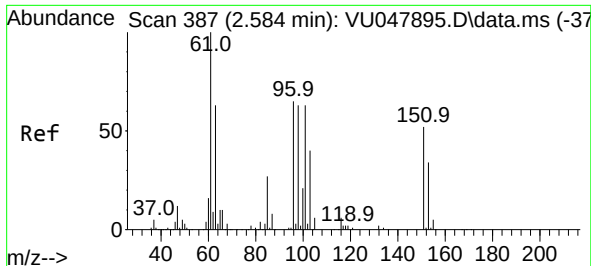
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 12 01:57:58 2022
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#10

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

Concen: 0.644 ug/L

RT: 2.568 min Scan# 3

Delta R.T. -0.016 min

Lab File: VU047907.D

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Instrument :

MSVOA_U

ClientSampleId :

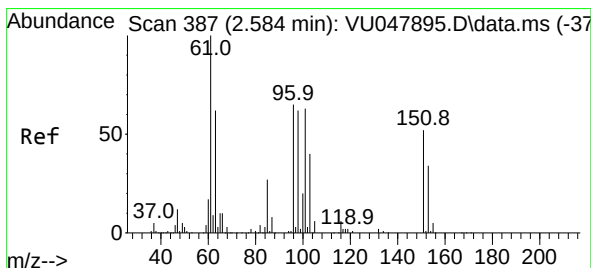
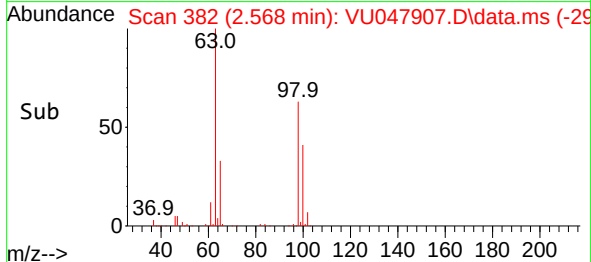
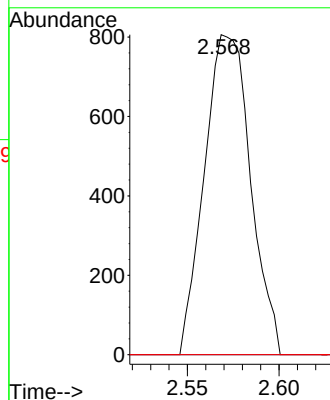
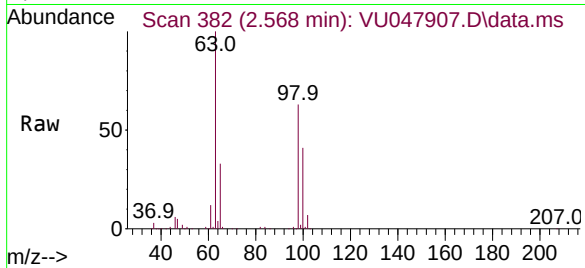
Tgt Ion:101 Resp: 1413

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: 0.623 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047907.D

Acq: 11 Apr 2022 15:42

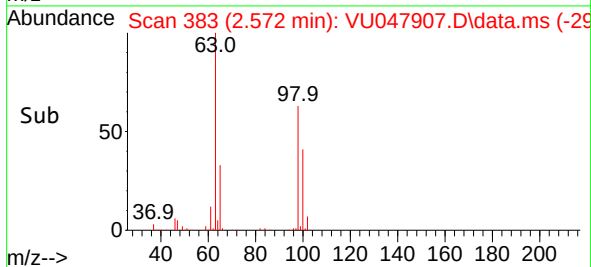
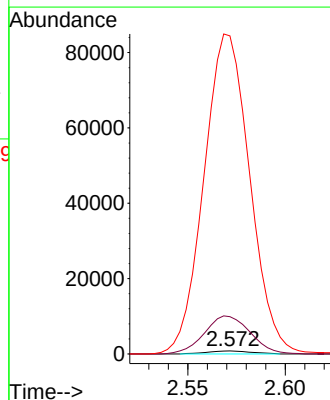
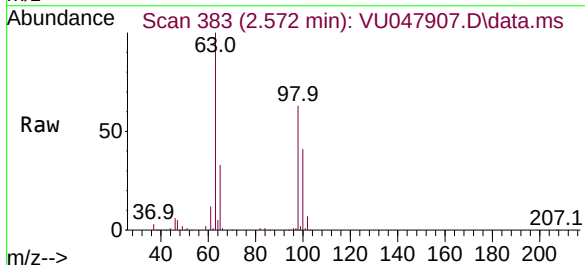
Tgt Ion: 96 Resp: 1272

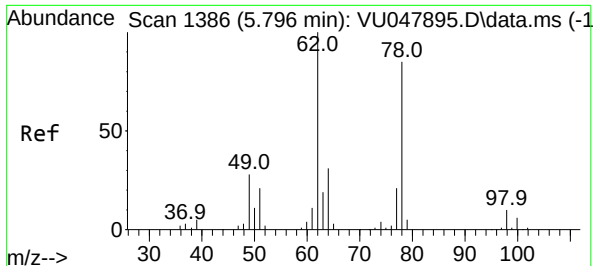
Ion Ratio Lower Upper

96 100

61 1241.5 113.1 210.1#

63 10583.5 94.8 176.0#





#27

1,2-Dichloroethane

Concen: 1.262 ug/L

RT: 5.781 min Scan# 1381

Delta R.T. -0.016 min

Lab File: VU047907.D

Acq: 11 Apr 2022 15:42

Instrument :

MSVOA_U

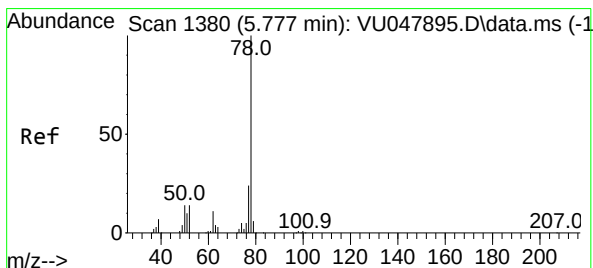
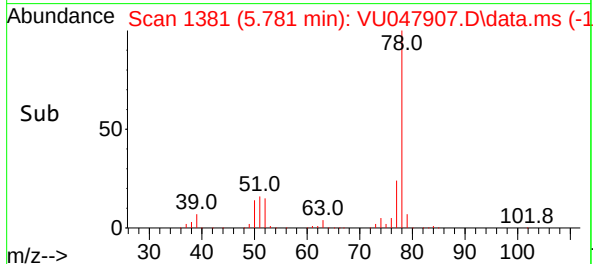
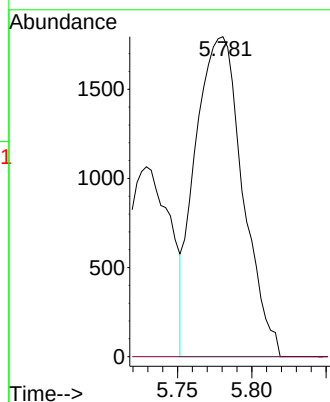
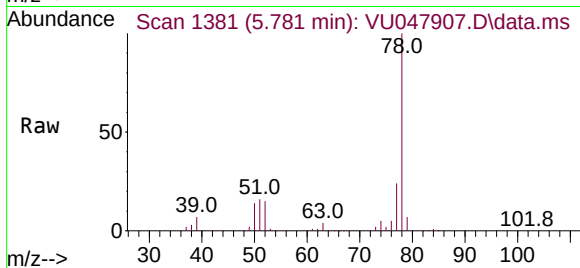
ClientSampleId :

Tgt Ion: 62 Resp: 3985

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



#33

Benzene

Concen: 44.736 ug/L

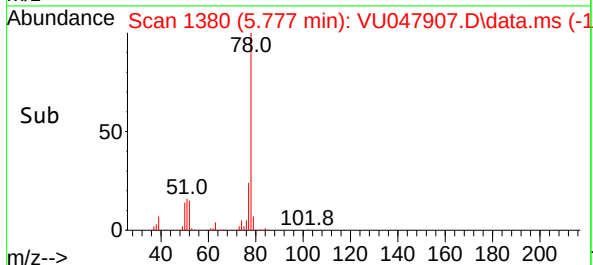
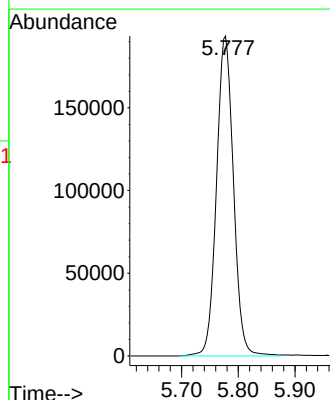
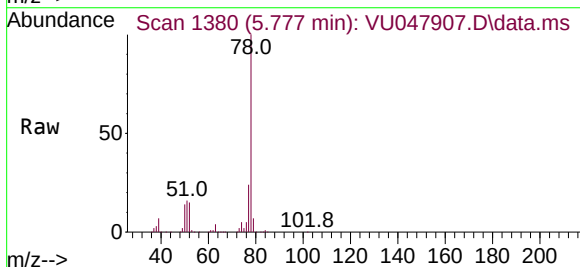
RT: 5.777 min Scan# 1380

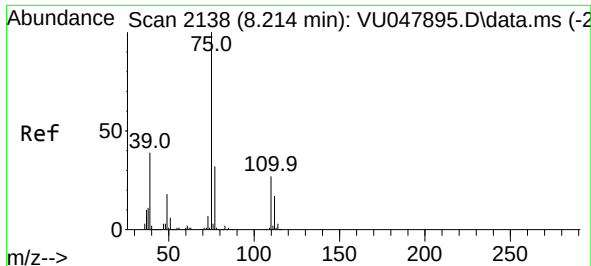
Delta R.T. 0.000 min

Lab File: VU047907.D

Acq: 11 Apr 2022 15:42

Tgt Ion: 78 Resp: 401984

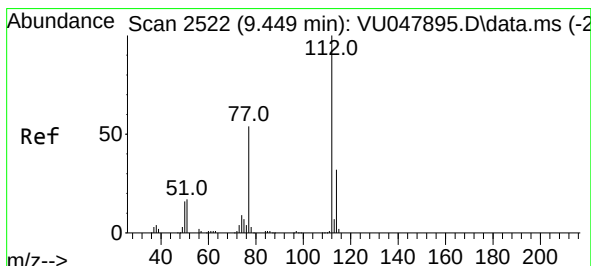
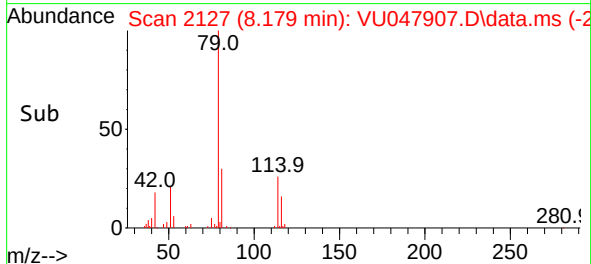
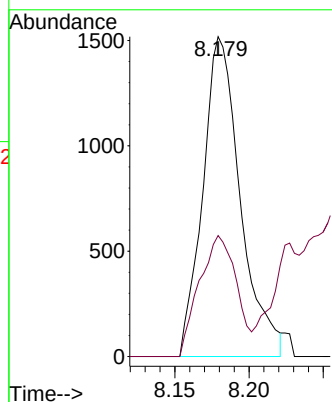
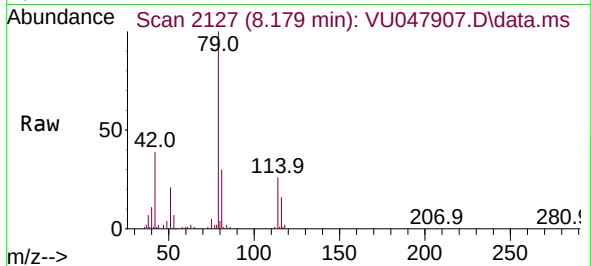




#44
trans-1,3-Dichloropropene
Concen: 0.752 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU047907.D
Acq: 11 Apr 2022 15:42

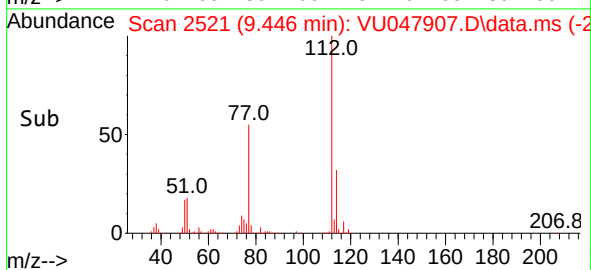
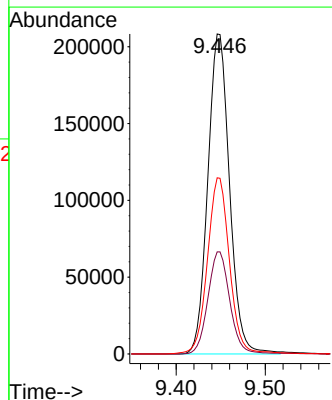
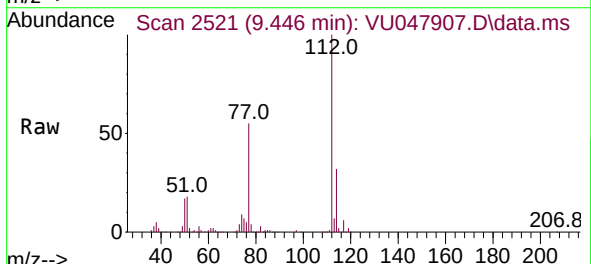
Instrument :
MSVOA_U
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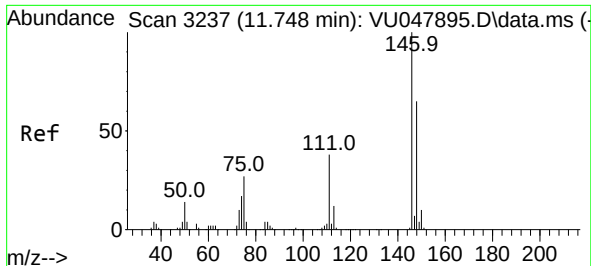
Tgt Ion: 75 Resp: 2663
Ion Ratio Lower Upper
75 100
77 37.8 22.0 40.8



#51
Chlorobenzene
Concen: 52.646 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047907.D
Acq: 11 Apr 2022 15:42

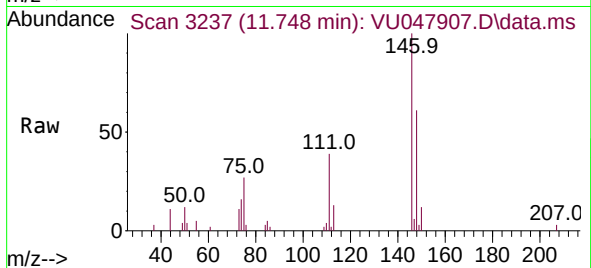
Tgt Ion: 112 Resp: 352436
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 55.1 43.4 65.0



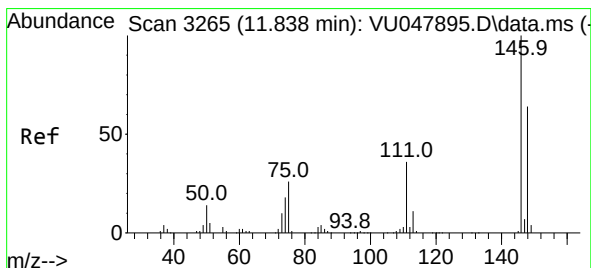
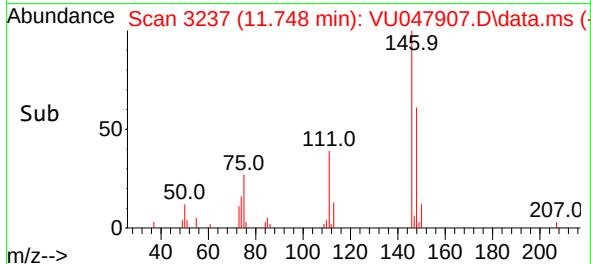
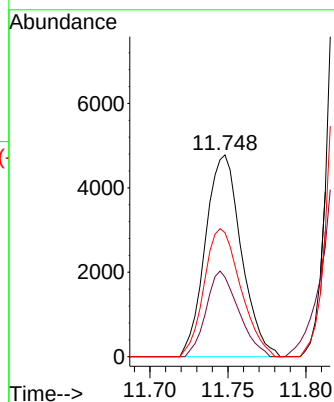


#64
1,3-Dichlorobenzene
Concen: 1.559 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047907.D
Acq: 11 Apr 2022 15:42

Instrument :
MSVOA_U
ClientSampleId :

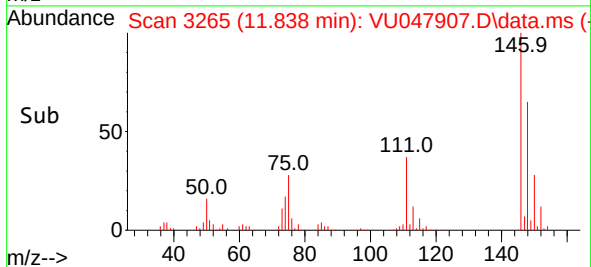
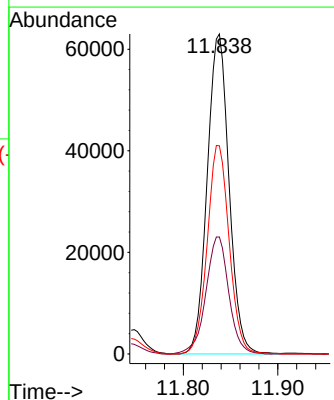
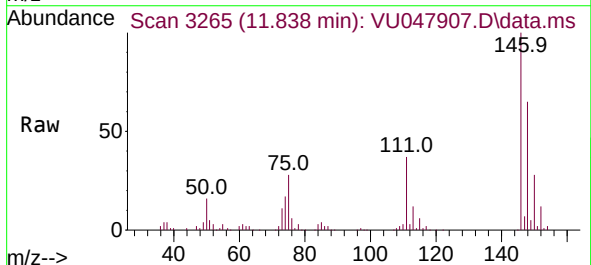


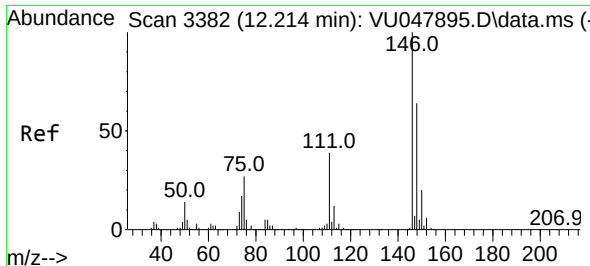
Tgt Ion:146 Resp: 7653
Ion Ratio Lower Upper
146 100
111 41.6 26.7 49.7
148 61.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 19.850 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047907.D
Acq: 11 Apr 2022 15:42

Tgt Ion:146 Resp: 100911
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 65.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 16.200 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

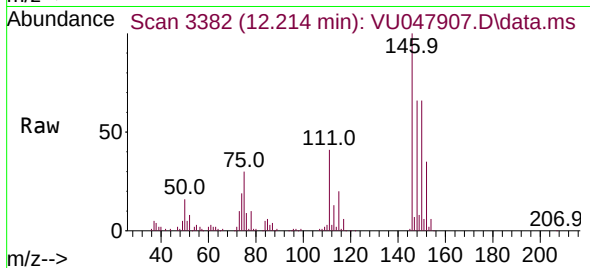
Lab File: VU047907.D

Acq: 11 Apr 2022 15:42

Instrument :

MSVOA_U

ClientSampleId :



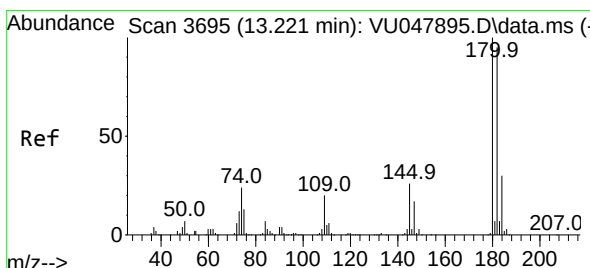
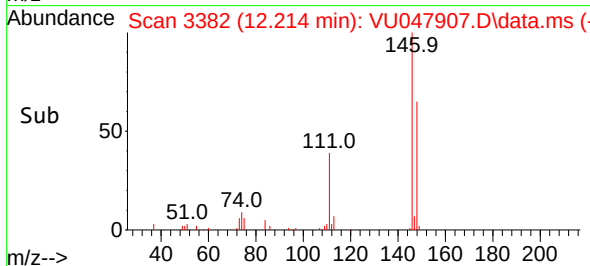
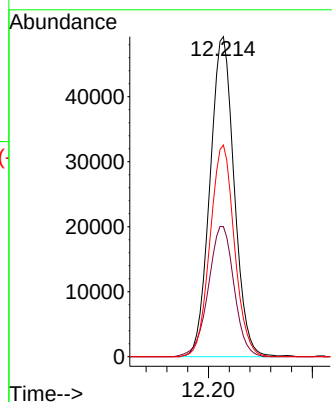
Tgt Ion:146 Resp: 79556

Ion Ratio Lower Upper

146 100

111 40.7 31.7 47.5

148 66.2 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 1.822 ug/L

RT: 13.845 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU047907.D

Acq: 11 Apr 2022 15:42

Tgt Ion:180 Resp: 7262

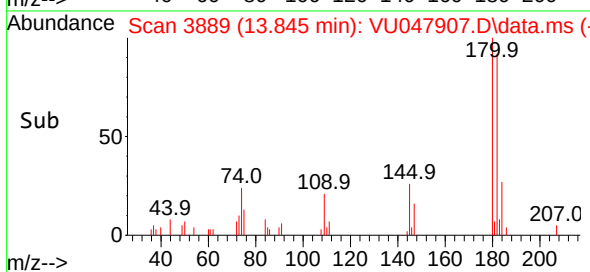
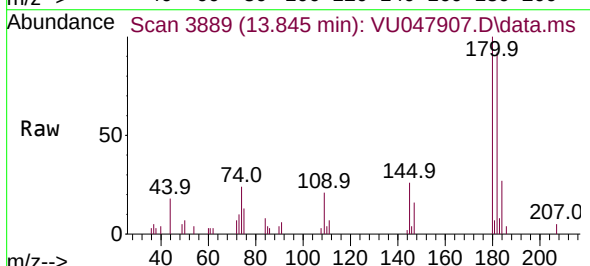
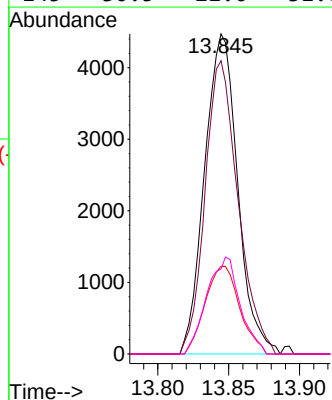
Ion Ratio Lower Upper

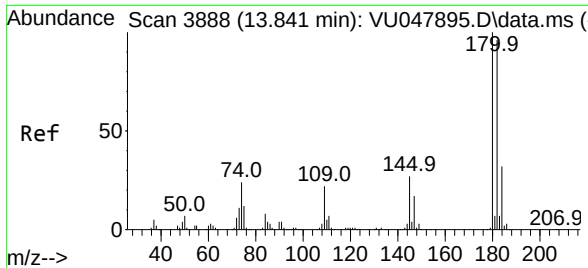
180 100

182 91.3 77.0 115.6

184 28.6 24.5 36.7

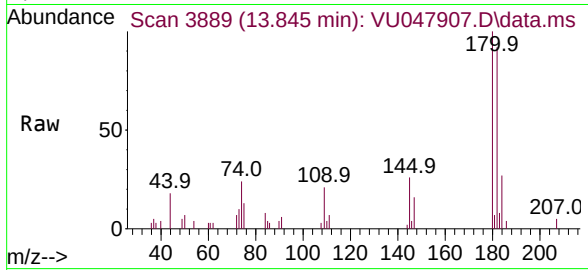
145 30.5 21.0 31.6





#70
 1,2,4-trichlorobenzene
 Concen: 2.080 ug/L
 RT: 13.845 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047907.D
 Acq: 11 Apr 2022 15:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	7262
Ion Ratio	Lower	Upper	
180	100		
182	91.3	76.2	114.2
145	30.5	21.8	32.8

