

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047876.D
 Acq On : 08 Apr 2022 18:56
 Operator : SY/MD
 Sample : N2343-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HY3

Quant Time: Apr 09 02:06:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

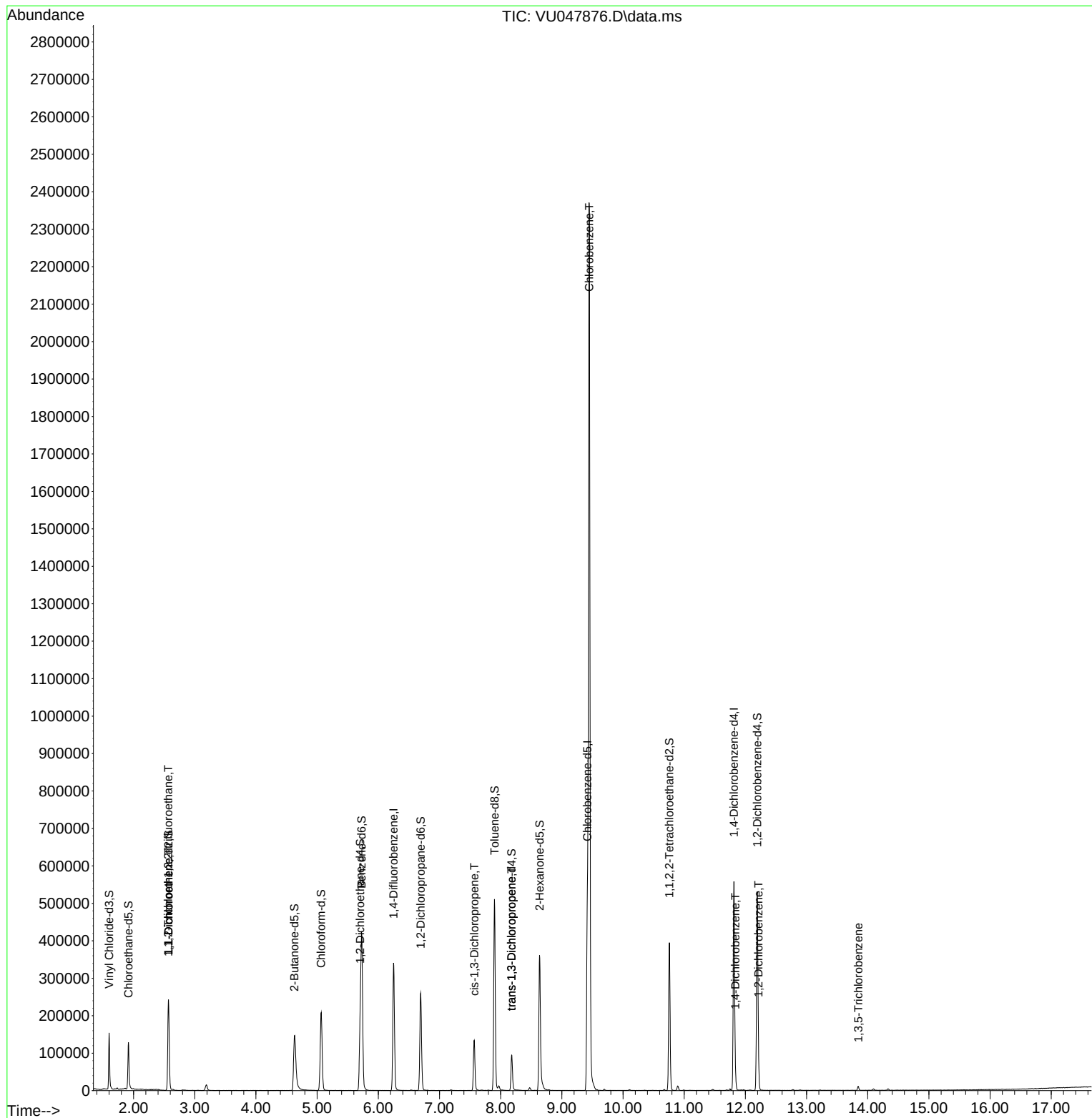
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	284746	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	305730	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157952	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	109095	52.834	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 105.660%			
7) Chloroethane-d5	1.916	69	93750	57.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.160%			
11) 1,1-Dichloroethene-d2	2.572	63	140993	37.321	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.640%			
21) 2-Butanone-d5	4.629	46	175388	98.959	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.960%			
24) Chloroform-d	5.067	84	197289	52.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.440%			
26) 1,2-Dichloroethane-d4	5.703	65	126046	54.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.800%			
32) Benzene-d6	5.729	84	396057	51.483	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.960%			
36) 1,2-Dichloropropane-d6	6.694	67	126518	53.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.100%			
41) Toluene-d8	7.899	98	349298	46.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.200%			
43) trans-1,3-Dichloroprop...	8.179	79	54749	45.741	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.480%			
47) 2-Hexanone-d5	8.636	63	124959	90.349	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.350%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	194112	47.874	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.740%			
66) 1,2-Dichlorobenzene-d4	12.195	152	148318	52.780	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.560%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1325	0.631	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	1181	0.605	ug/L #	1
39) cis-1,3-Dichloropropene	7.568	75	3179	0.911	ug/L #	55
44) trans-1,3-Dichloropropene	8.179	75	2498	0.717	ug/L #	76
51) Chlorobenzene	9.449	112	1337488	202.866	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	12578	2.559	ug/L	88
67) 1,2-Dichlorobenzene	12.214	146	16020	3.374	ug/L	99
69) 1,3,5-Trichlorobenzene	13.844	180	4172	1.083	ug/L	92

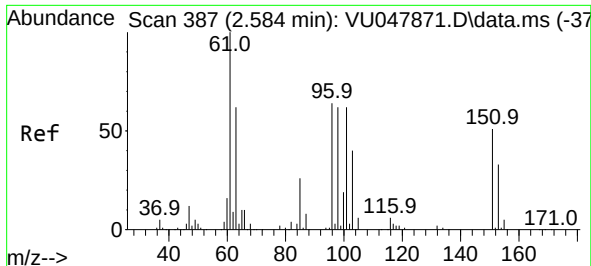
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.631 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.016 min

Lab File: VU047876.D

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MSVOA_U

ClientSampleId :

COHY3

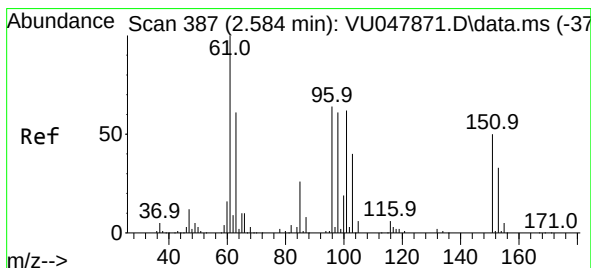
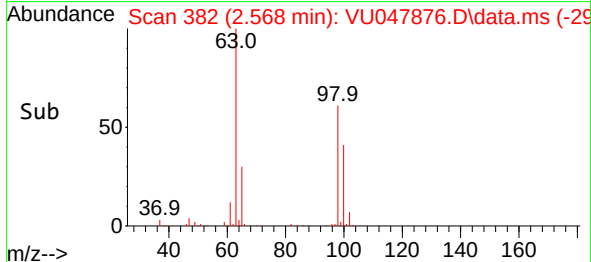
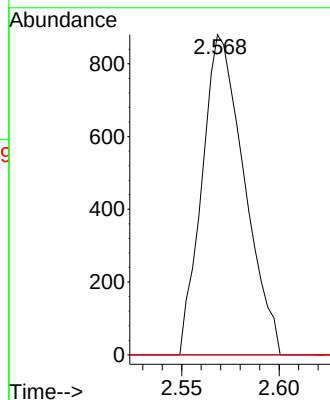
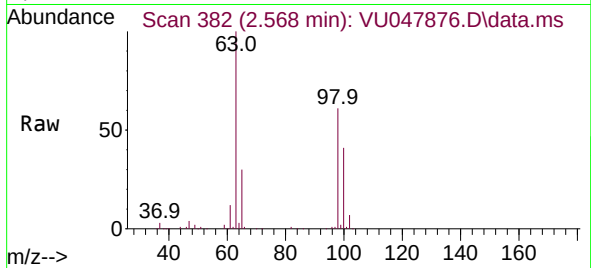
Tgt Ion:101 Resp: 1325

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: 0.605 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU047876.D

Acq: 08 Apr 2022 18:56

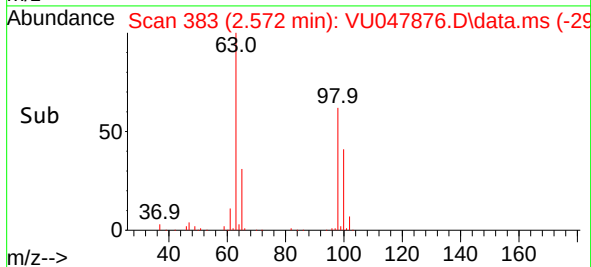
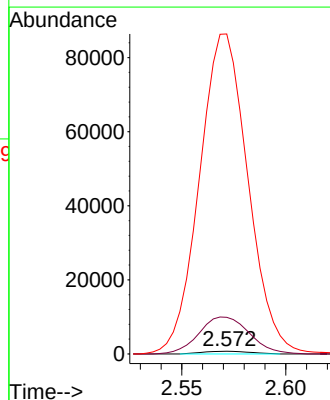
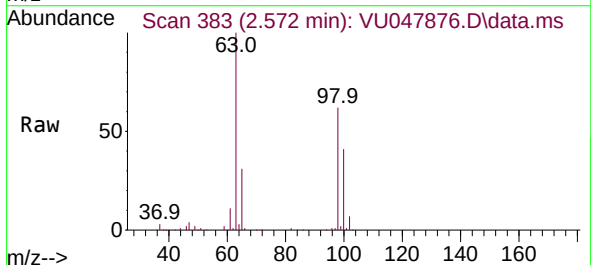
Tgt Ion: 96 Resp: 1181

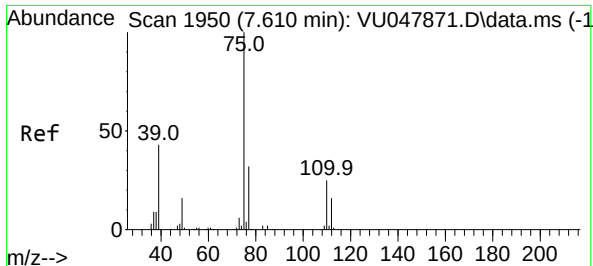
Ion Ratio Lower Upper

96 100

61 1366.6 113.1 210.1#

63 11931.5 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.911 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047876.D

Acq: 08 Apr 2022 18:56

Instrument :

MSVOA_U

ClientSampleId :

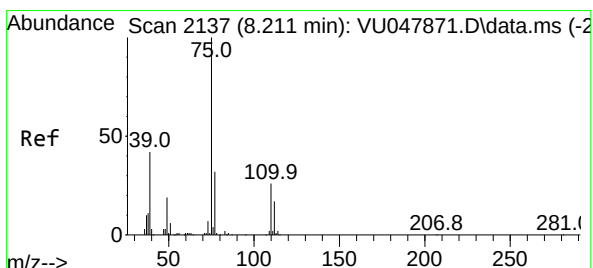
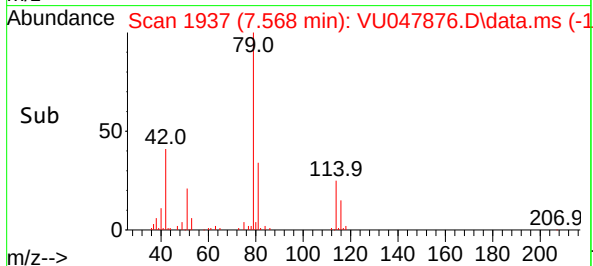
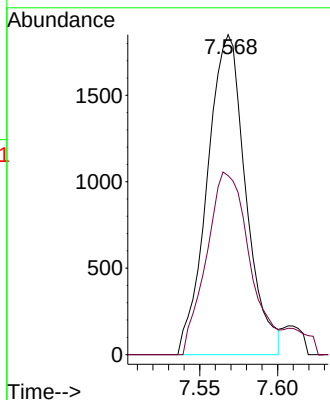
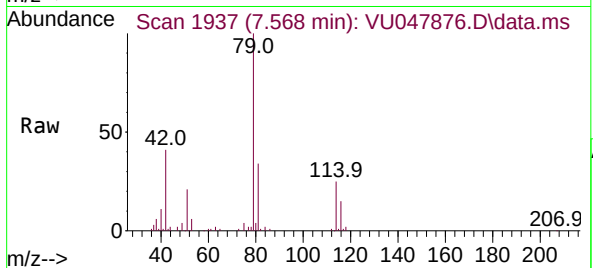
C0HY3

Tgt Ion: 75 Resp: 3179

Ion Ratio Lower Upper

75 100

77 55.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.717 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047876.D

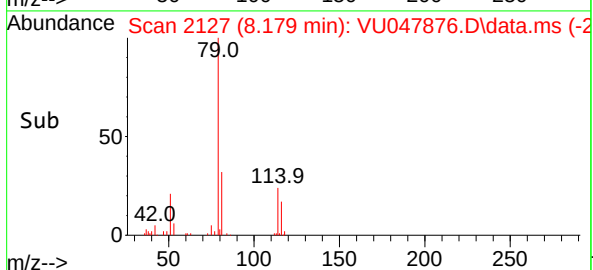
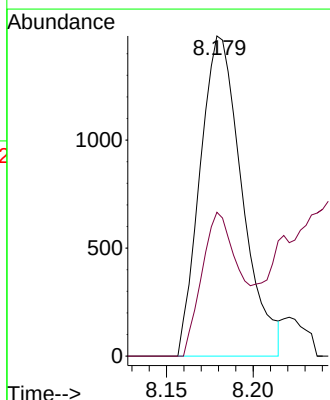
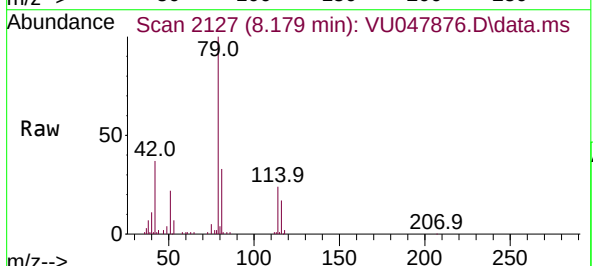
Acq: 08 Apr 2022 18:56

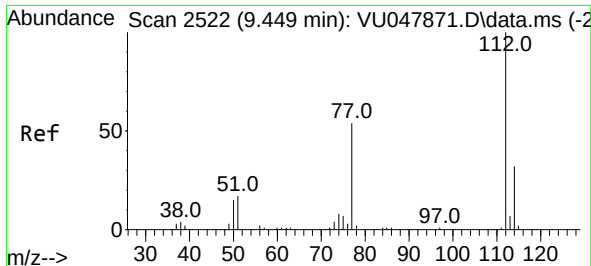
Tgt Ion: 75 Resp: 2498

Ion Ratio Lower Upper

75 100

77 44.9 22.0 40.8#

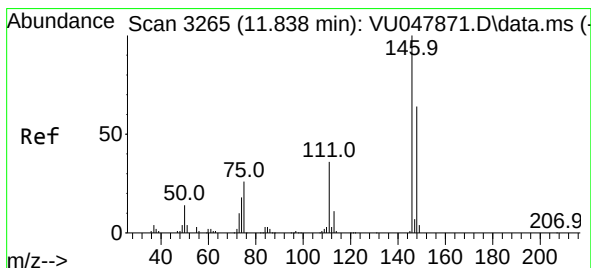
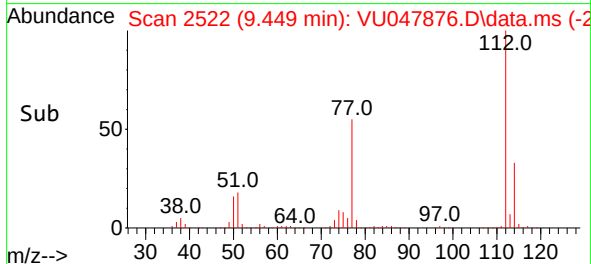
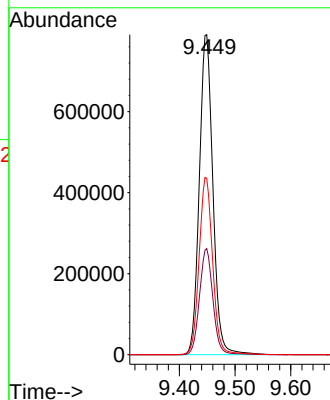
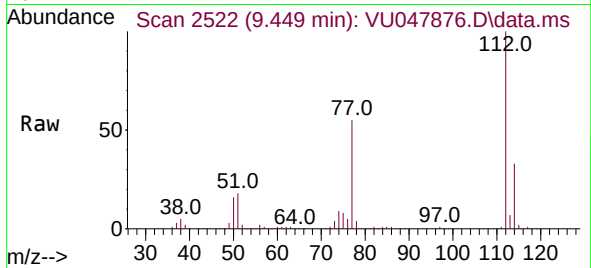




#51
Chlorobenzene
Concen: 202.866 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047876.D
Acq: 08 Apr 2022 18:56

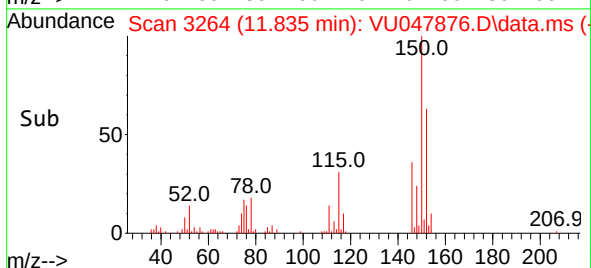
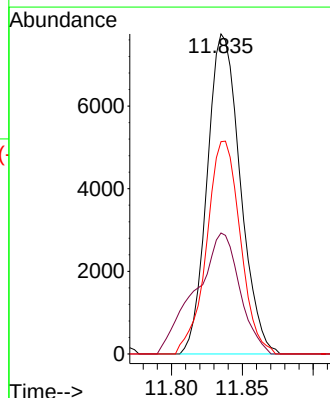
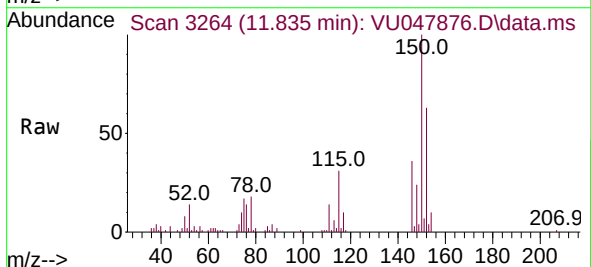
Instrument :
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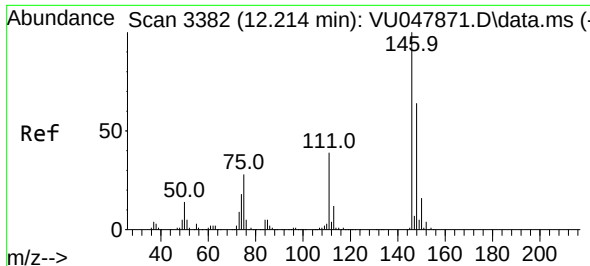
Tgt Ion:112 Resp: 1337488
Ion Ratio Lower Upper
112 100
114 33.1 22.1 41.1
77 55.1 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 2.559 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047876.D
Acq: 08 Apr 2022 18:56

Tgt Ion:146 Resp: 12578
Ion Ratio Lower Upper
146 100
111 37.8 25.3 47.1
148 77.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 3.374 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047876.D

Acq: 08 Apr 2022 18:56

Instrument :

MSVOA_U

ClientSampleId :

C0HY3

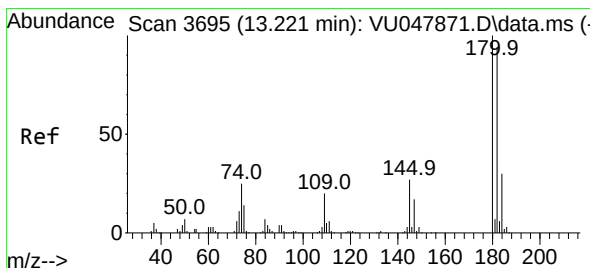
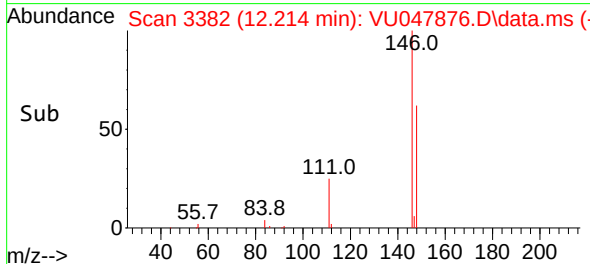
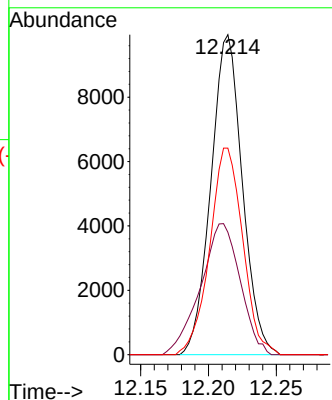
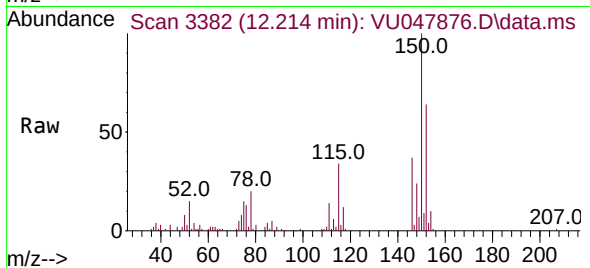
Tgt Ion:146 Resp: 16020

Ion Ratio Lower Upper

146 100

111 38.3 31.7 47.5

148 64.5 51.4 77.2



#69

1,3,5-Trichlorobenzene

Concen: 1.083 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.624 min

Lab File: VU047876.D

Acq: 08 Apr 2022 18:56

Tgt Ion:180 Resp: 4172

Ion Ratio Lower Upper

180 100

182 105.7 77.0 115.6

184 33.5 24.5 36.7

145 24.3 21.0 31.6

