

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048164.D
 Acq On : 21 Apr 2022 11:29
 Operator : SY/MD
 Sample : VU0421WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK105

Quant Time: Apr 22 01:48:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

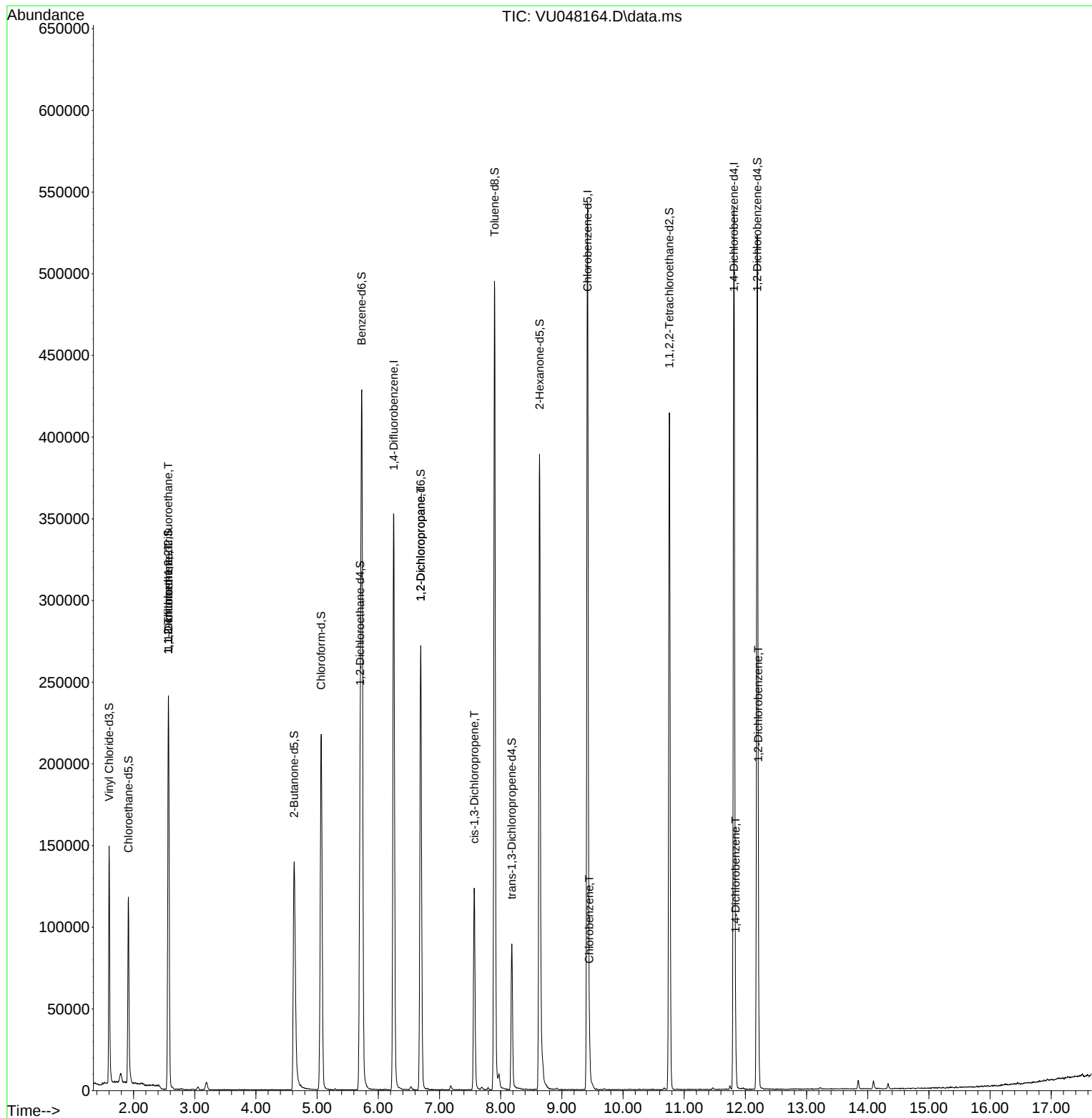
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	301229	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	322905	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	156822	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	109629	50.187	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	100.380%	
7) Chloroethane-d5	1.916	69	92087	53.464	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	106.920%	
11) 1,1-Dichloroethene-d2	2.568	63	136725	34.211	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	68.420%	
21) 2-Butanone-d5	4.623	46	195751	104.405	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	104.400%	
24) Chloroform-d	5.067	84	204931	51.273	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.540%	
26) 1,2-Dichloroethane-d4	5.703	65	128218	52.305	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.600%	
32) Benzene-d6	5.729	84	411238	50.613	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	101.220%	
36) 1,2-Dichloropropane-d6	6.694	67	135135	54.155	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	108.320%	
41) Toluene-d8	7.899	98	347471	43.893	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.780%	
43) trans-1,3-Dichloroprop...	8.182	79	52404	41.453	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	82.900%	
47) 2-Hexanone-d5	8.636	63	132563	90.749	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	90.750%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	210422	49.136	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	98.280%	
66) 1,2-Dichlorobenzene-d4	12.195	152	147570	52.892	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	105.780%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1582	0.713	ug/L #	18
12) 1,1-Dichloroethene	2.572	96	950	0.460	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	13560	5.707	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	2799	0.759	ug/L #	53
51) Chlorobenzene	9.449	112	13850	1.989	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	10146	2.079	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	7996	1.696	ug/L	90

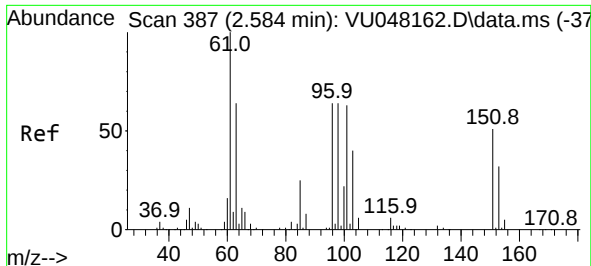
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.713 ug/L

RT: 2.568 min Scan# 3

Delta R.T. -0.016 min

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Instrument :

MSVOA_U

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VBLK105

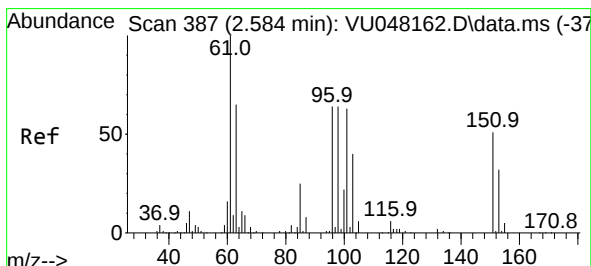
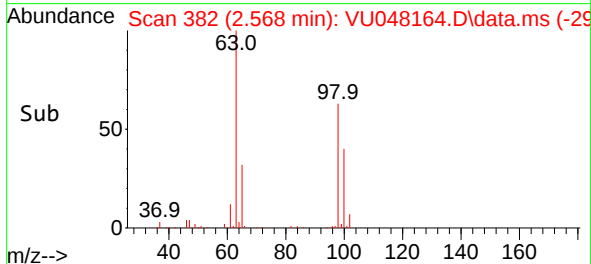
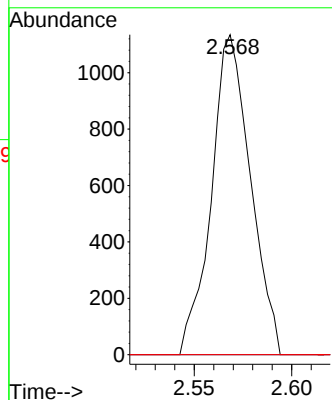
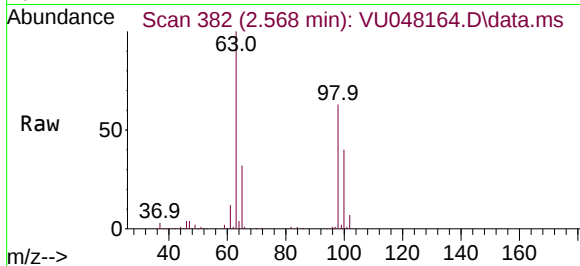
Tgt Ion:101 Resp: 1582

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: 0.460 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048164.D

Acq: 21 Apr 2022 11:29

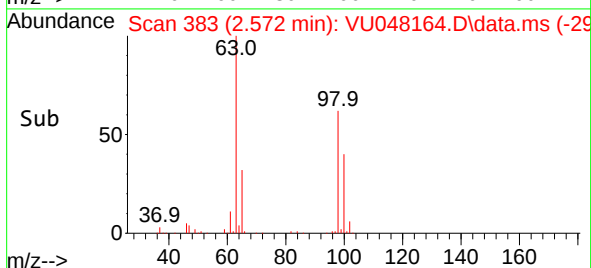
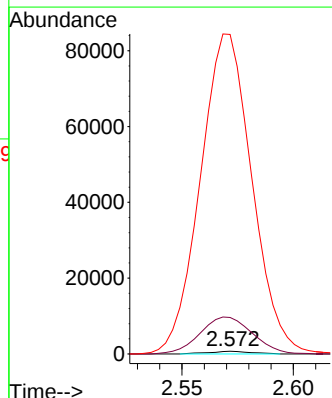
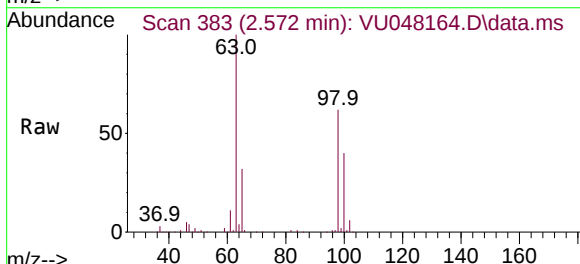
Tgt Ion: 96 Resp: 950

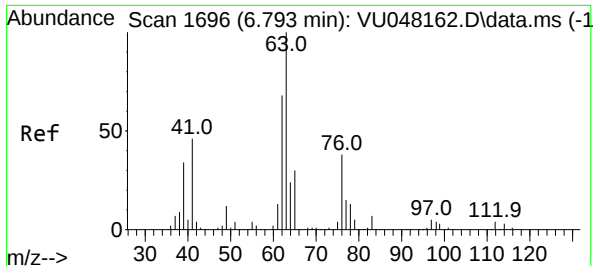
Ion Ratio Lower Upper

96 100

61 1322.9 113.1 210.1#

63 11564.3 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.707 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048164.D

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MSVOA_U

ClientSampleId :

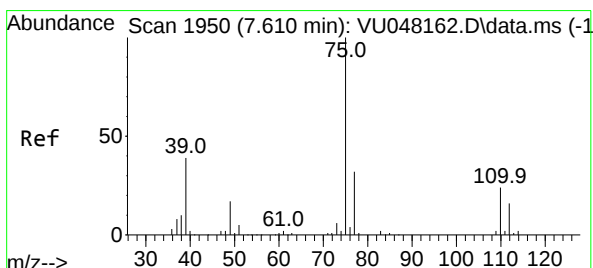
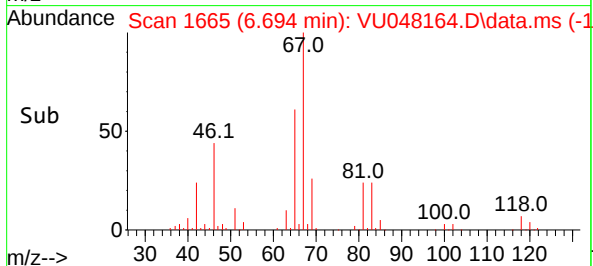
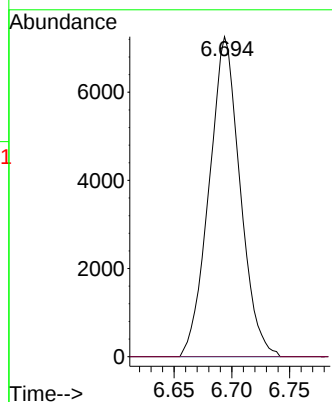
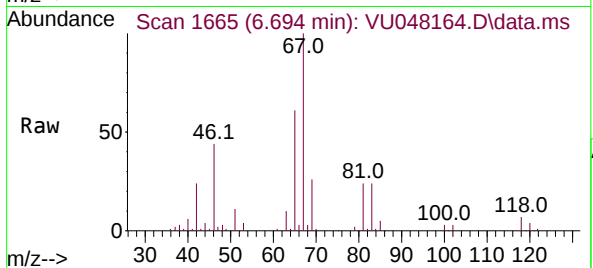
VBLK105

Tgt Ion: 63 Resp: 13560

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.759 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048164.D

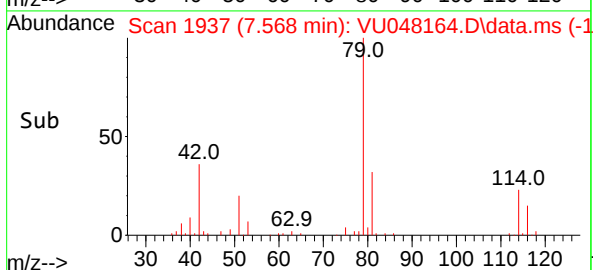
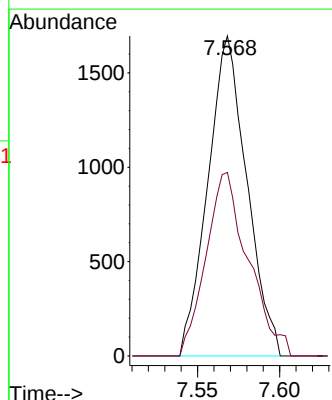
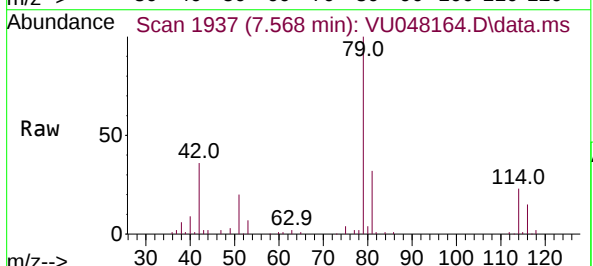
Acq: 21 Apr 2022 11:29

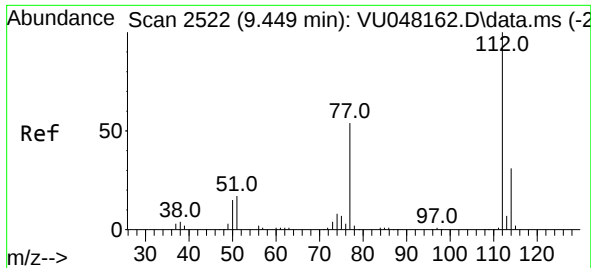
Tgt Ion: 75 Resp: 2799

Ion Ratio Lower Upper

75 100

77 57.4 21.8 40.6#

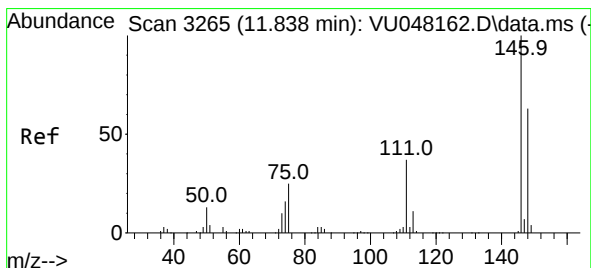
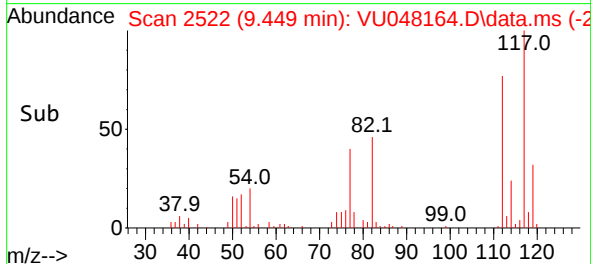
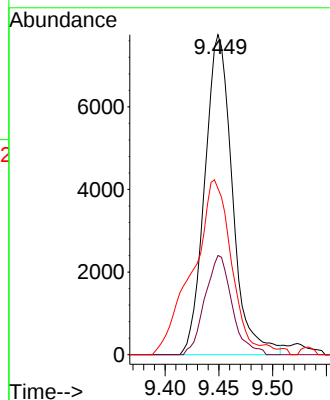
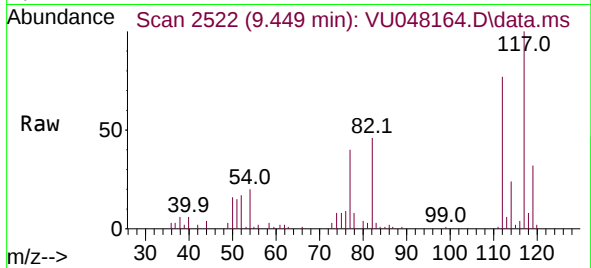




#51
Chlorobenzene
Concen: 1.989 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048164.D
Acq: 21 Apr 2022 11:29

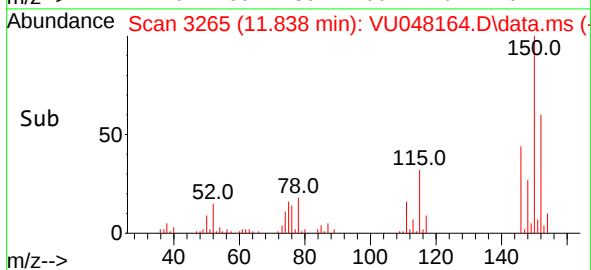
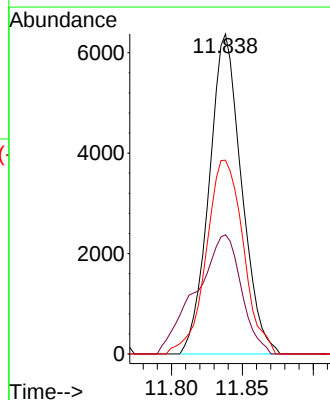
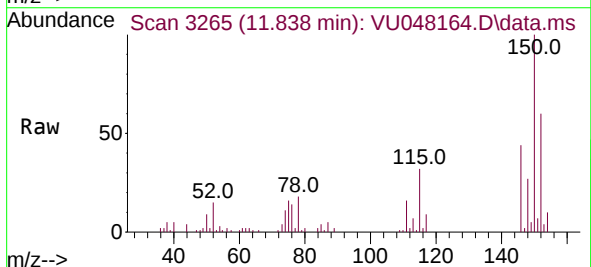
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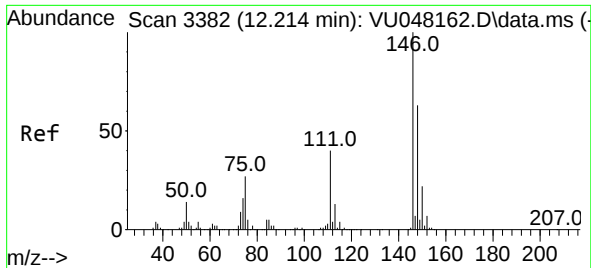
Tgt Ion:112 Resp: 13850
Ion Ratio Lower Upper
112 100
114 31.0 22.1 41.1
77 51.9 43.4 65.0



#65
1,4-Dichlorobenzene
Concen: 2.079 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048164.D
Acq: 21 Apr 2022 11:29

Tgt Ion:146 Resp: 10146
Ion Ratio Lower Upper
146 100
111 37.3 25.3 47.1
148 60.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 1.696 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU048164.D

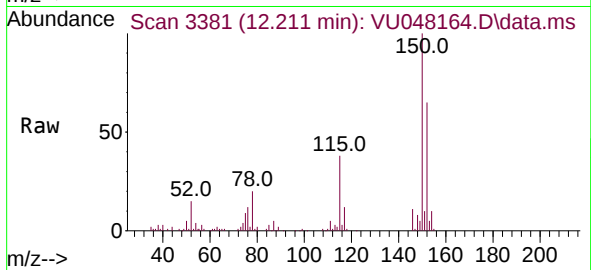
Acq: 21 Apr 2022 11:29

Instrument :

MSVOA_U

ClientSampleId :

VBLK105



Tgt Ion:146 Resp: 7996

Ion Ratio Lower Upper

146 100

111 45.4 31.7 47.5

148 71.9 51.4 77.2

