

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052836.D
 Acq On : 27 Jan 2023 11:07
 Operator : JC/MD
 Sample : 01316-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44G8

Quant Time: Jan 27 22:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

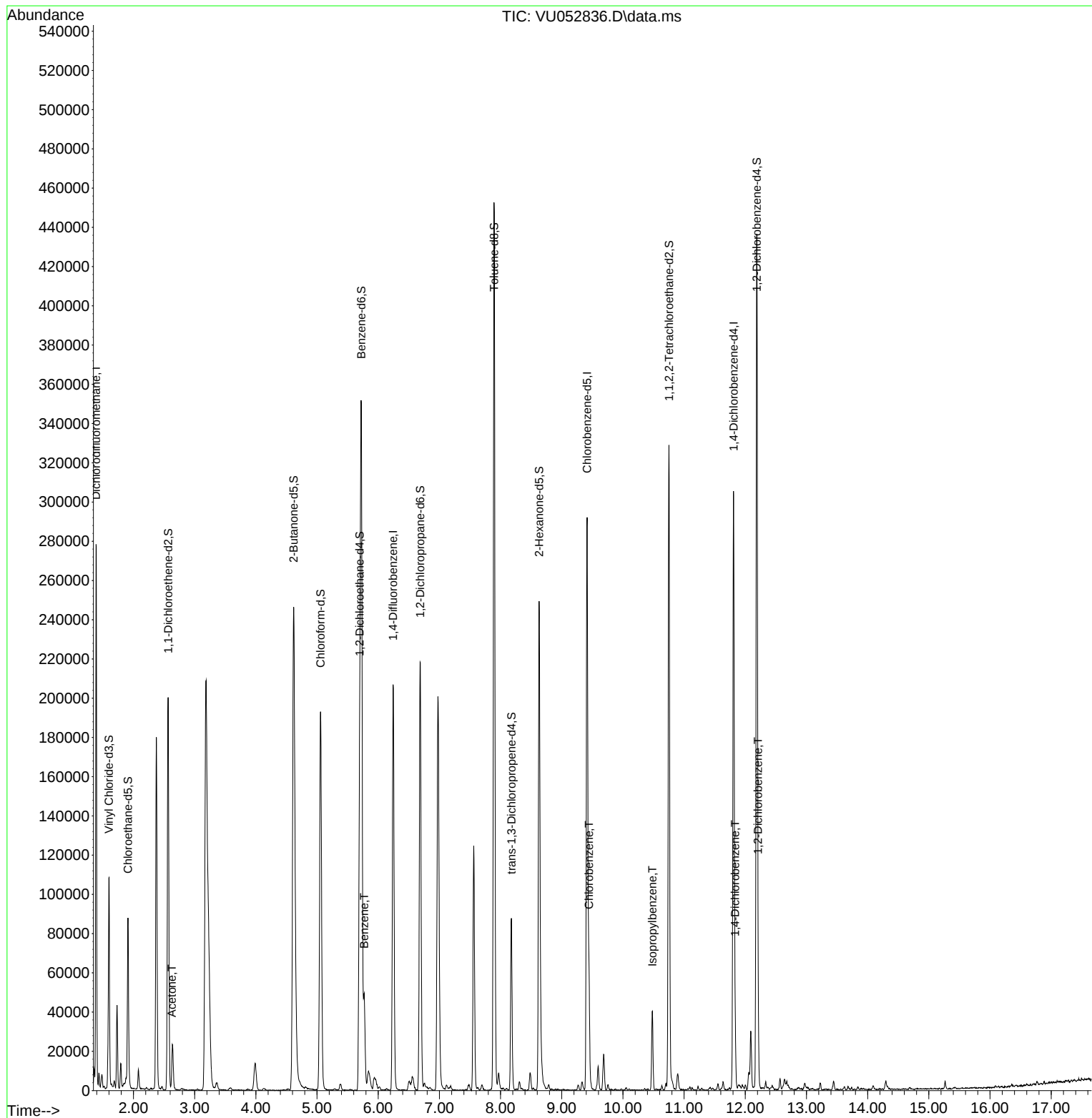
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	171864	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	166241	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	77198	62.407	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	124.820%	
7) Chloroethane-d5	1.909	69	68722	67.423	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	134.840%#	
11) 1,1-Dichloroethene-d2	2.565	63	117858	47.903	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.800%	
21) 2-Butanone-d5	4.617	46	120213	157.314	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	157.310%#	
24) Chloroform-d	5.057	84	172023	65.161	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	130.320%#	
26) 1,2-Dichloroethane-d4	5.697	65	115590	68.572	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	137.140%#	
32) Benzene-d6	5.723	84	336032	66.162	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	132.320%#	
36) 1,2-Dichloropropane-d6	6.684	67	99759	66.971	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	133.940%#	
41) Toluene-d8	7.893	98	300620	65.001	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	130.000%#	
43) trans-1,3-Dichloroprop...	8.176	79	50221	67.267	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	134.540%#	
47) 2-Hexanone-d5	8.629	63	80765	154.311	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	154.310%#	
56) 1,1,2,2-Tetrachloroeth...	10.752	84	147974	67.236	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	134.480%#	
66) 1,2-Dichlorobenzene-d4	12.189	152	121447	75.171	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	150.340%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	5077	3.155	ug/L	94
13) Acetone	2.626	43	2955	3.166	ug/L	86
33) Benzene	5.771	78	46026	8.133	ug/L	100
51) Chlorobenzene	9.443	112	31696	7.944	ug/L	99
61) Isopropylbenzene	10.481	105	25087	4.668	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	14227	5.069	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	7654	2.791	ug/L	94

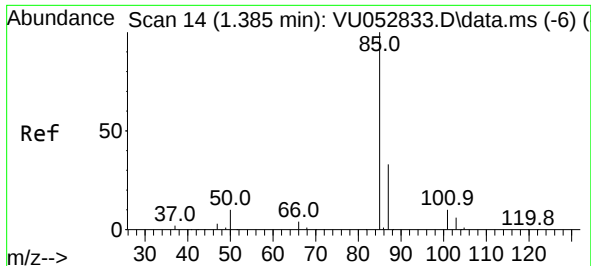
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
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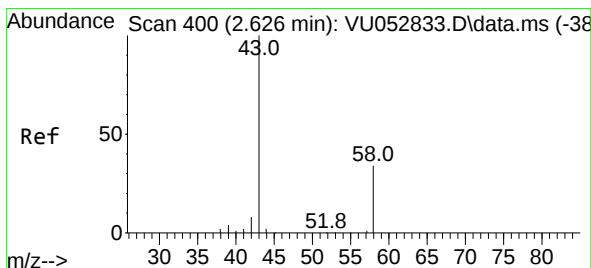
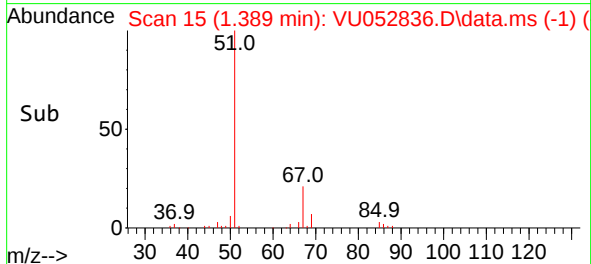
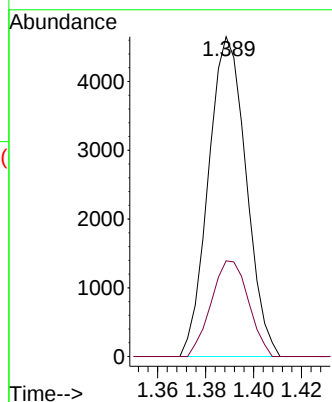
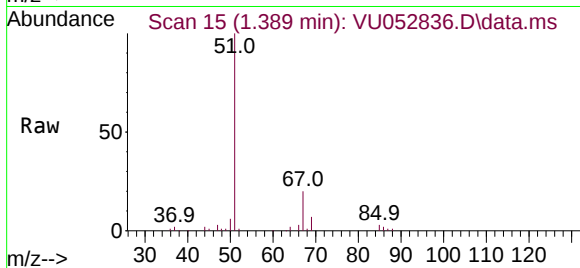




#2
Dichlorodifluoromethane
Concen: 3.155 ug/L
RT: 1.389 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052836.D
Acq: 27 Jan 2023 11:07

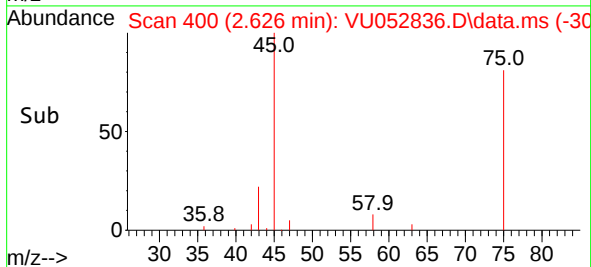
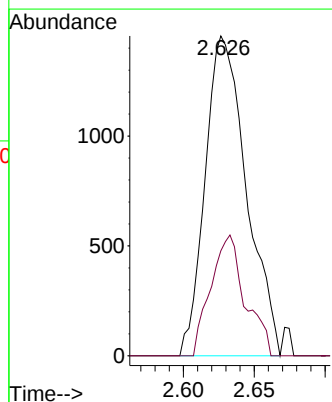
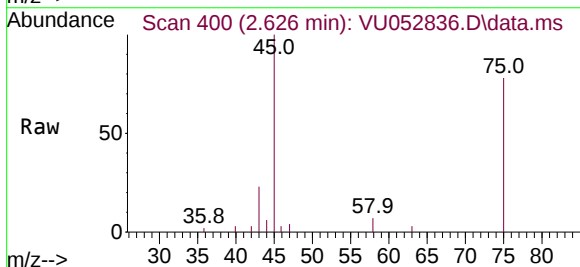
Instrument :
MSVOA_U
ClientSampleId :
A44G8

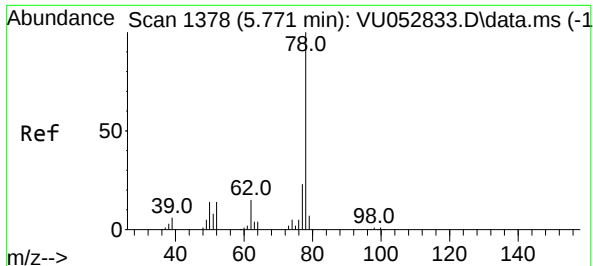
Tgt Ion: 85 Resp: 5077
Ion Ratio Lower Upper
85 100
87 29.5 26.4 39.6



#13
Acetone
Concen: 3.166 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU052836.D
Acq: 27 Jan 2023 11:07

Tgt Ion: 43 Resp: 2955
Ion Ratio Lower Upper
43 100
58 27.1 0.0 70.2

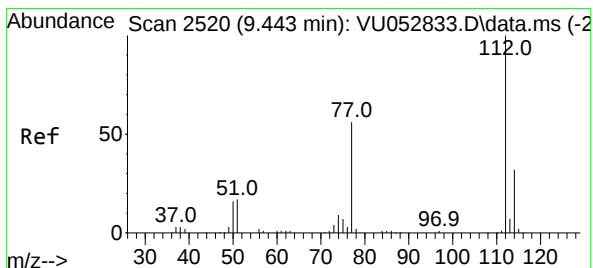
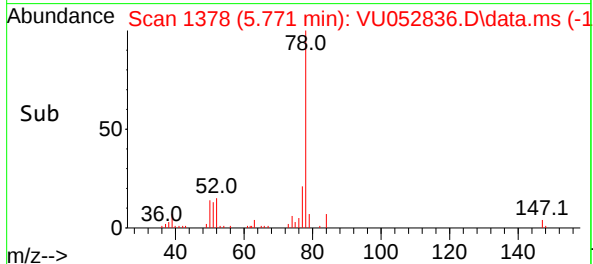
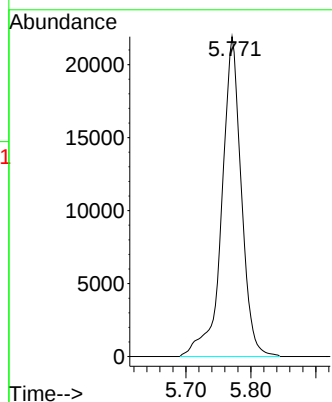
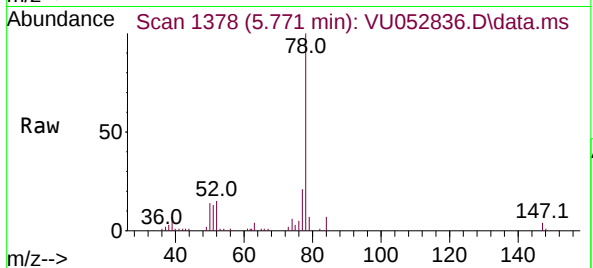




#33
Benzene
Concen: 8.133 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052836.D
Acq: 27 Jan 2023 11:07

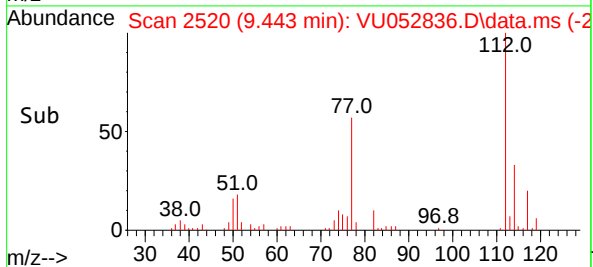
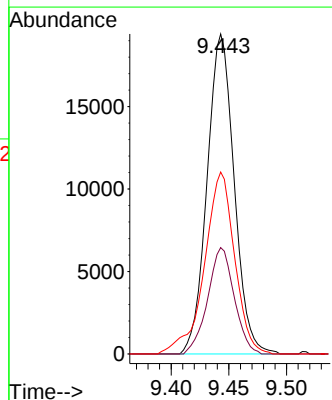
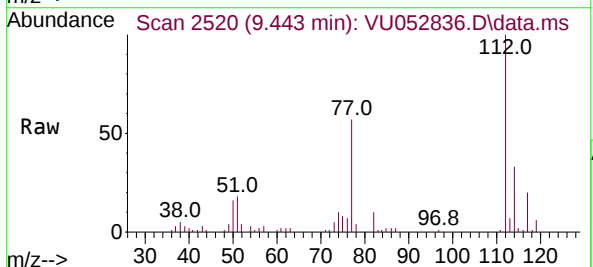
Instrument :
MSVOA_U
ClientSampleId :
A44G8

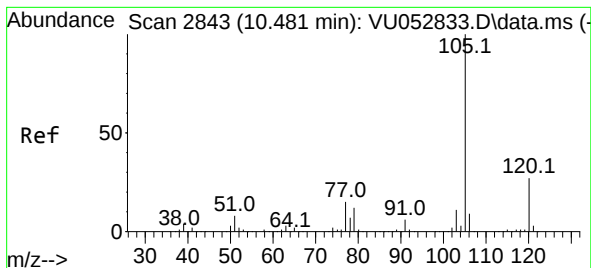
Tgt Ion: 78 Resp: 46026



#51
Chlorobenzene
Concen: 7.944 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052836.D
Acq: 27 Jan 2023 11:07

Tgt Ion: 112 Resp: 31696
Ion Ratio Lower Upper
112 100
114 33.2 22.8 42.4
77 56.8 45.9 68.9





#61

Isopropylbenzene

Concen: 4.668 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU052836.D

Acq: 27 Jan 2023 11:07

Instrument :

MSVOA_U

ClientSampleId :

A44G8

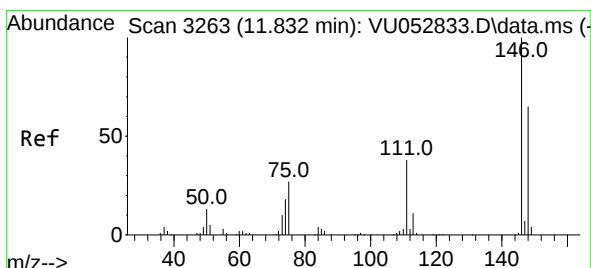
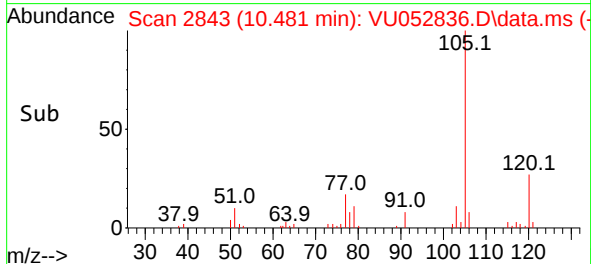
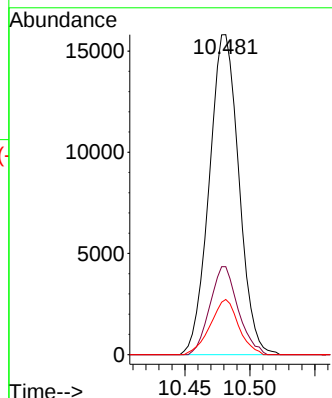
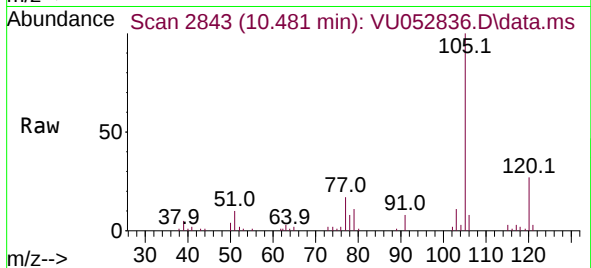
Tgt Ion:105 Resp: 25087

Ion Ratio Lower Upper

105 100

120 26.2 21.4 32.2

77 16.4 12.2 18.2



#65

1,4-Dichlorobenzene

Concen: 5.069 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052836.D

Acq: 27 Jan 2023 11:07

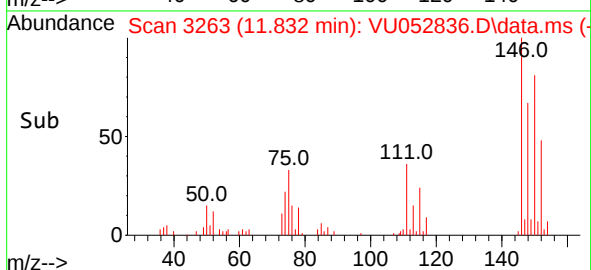
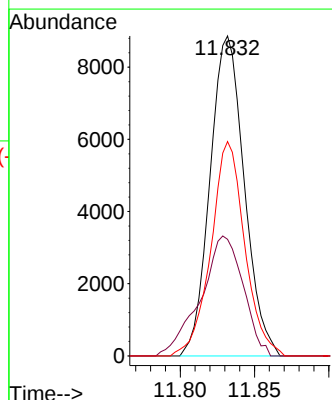
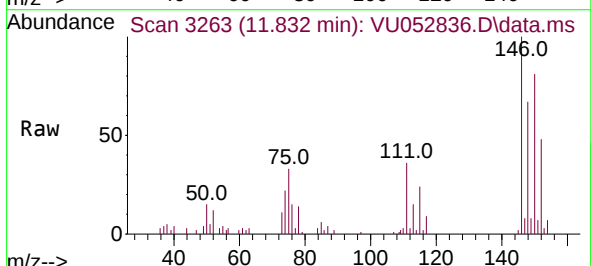
Tgt Ion:146 Resp: 14227

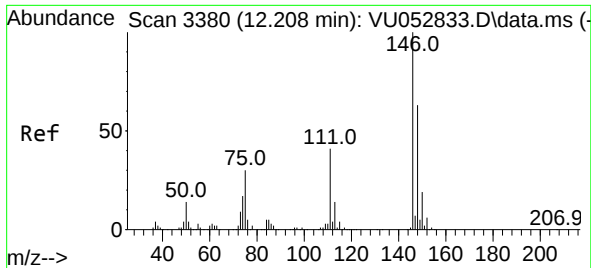
Ion Ratio Lower Upper

146 100

111 36.4 26.7 49.7

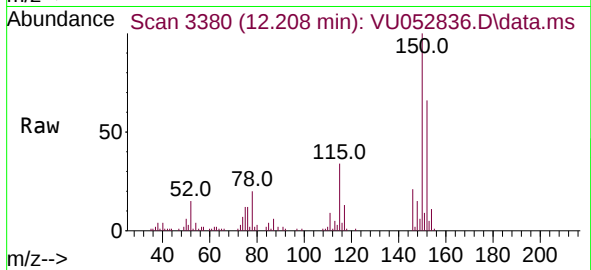
148 67.0 45.6 84.6





#67
 1,2-Dichlorobenzene
 Concen: 2.791 ug/L
 RT: 12.208 min Scan# 3380
 Delta R.T. 0.000 min
 Lab File: VU052836.D
 Acq: 27 Jan 2023 11:07

Instrument :
 MSVOA_U
 ClientSampleId :
 A44G8



Tgt Ion:	146	Resp:	7654
Ion Ratio	Lower	Upper	
146	100		
111	40.5	33.2	49.8
148	69.6	50.2	75.4

