

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

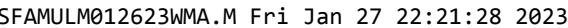
Quant Time: Jan 27 22:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

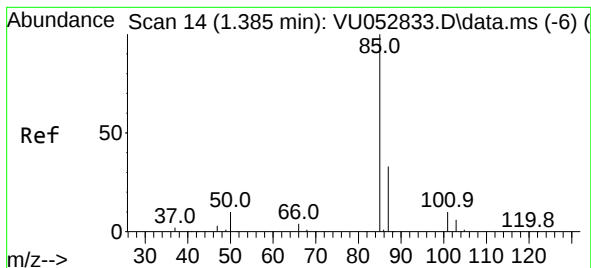
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1254	0.905	ug/L #	19
12) 1,1-Dichloroethene	2.562	96	875	0.688	ug/L #	1
13) Acetone	2.626	43	2955	3.166	ug/L	86
15) Methyl Acetate	3.183	43	34495	27.432	ug/L #	49
33) Benzene	5.771	78	46026	8.133	ug/L	100
37) 1,2-Dichloropropane	6.684	63	11659	8.380	ug/L #	86
44) trans-1,3-Dichloropropene	8.176	75	2010	0.938	ug/L #	26
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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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 3.155 ug/L

RT: 1.389 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU052836.D

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Instrument :

MSVOA_U

ClientSampleId :

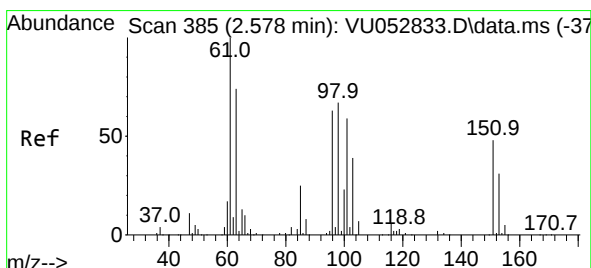
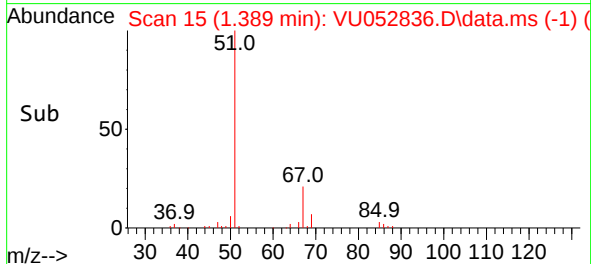
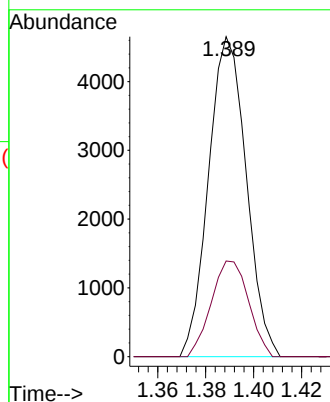
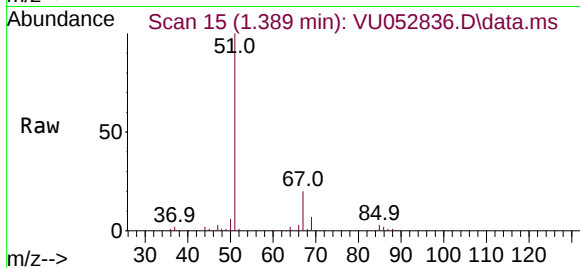
A44G8

Tgt Ion: 85 Resp: 5077

Ion Ratio Lower Upper

85 100

87 29.5 26.4 39.6



#10

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

Concen: 0.905 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU052836.D

Acq: 27 Jan 2023 11:07

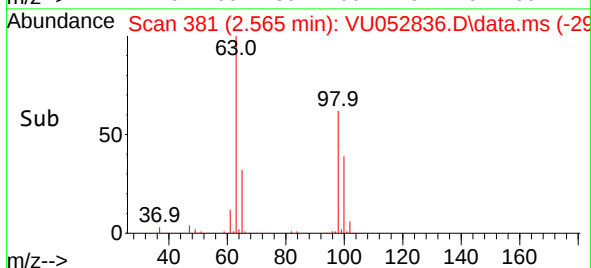
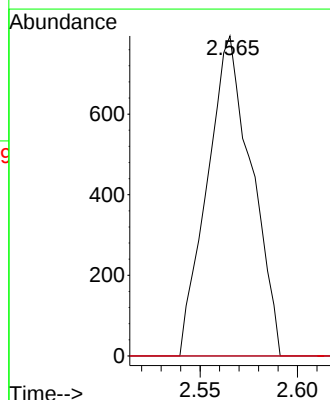
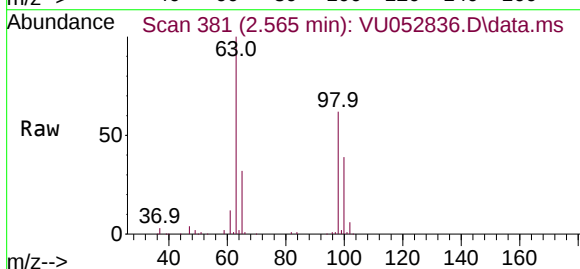
Tgt Ion:101 Resp: 1254

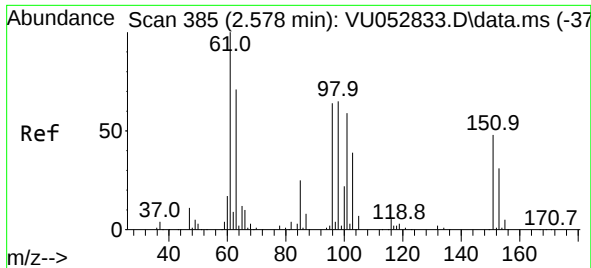
Ion Ratio Lower Upper

101 100

85 0.0 32.9 49.3#

151 0.0 62.6 94.0#





#12

1,1-Dichloroethene

Concen: 0.688 ug/L

RT: 2.562 min Scan# 385

Delta R.T. -0.016 min

Lab File: VU052836.D

Acq: 27 Jan 2023 11:07

Instrument :

MSVOA_U

ClientSampleId :

A44G8

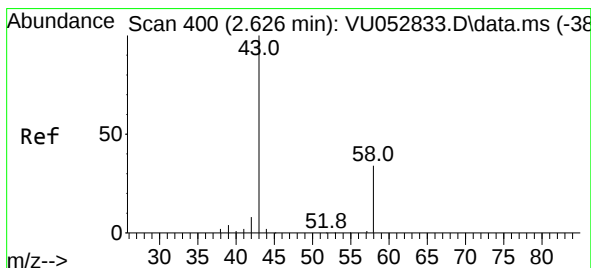
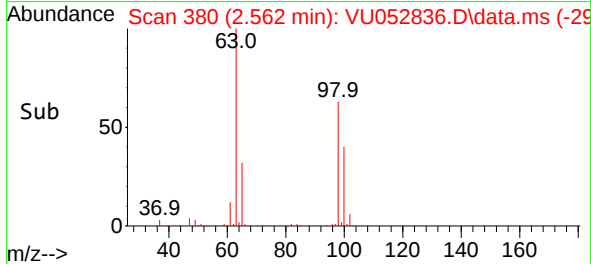
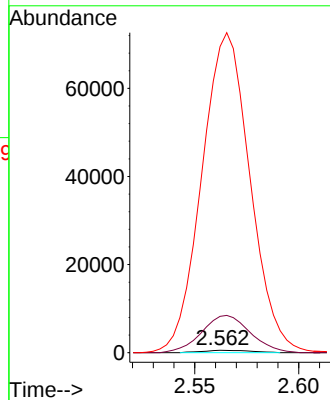
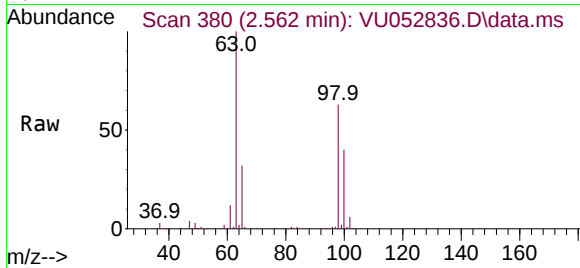
Tgt Ion: 96 Resp: 875

Ion Ratio Lower Upper

96 100

61 1520.1 114.3 212.3#

63 12822.1 80.6 149.6#



#13

Acetone

Concen: 3.166 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU052836.D

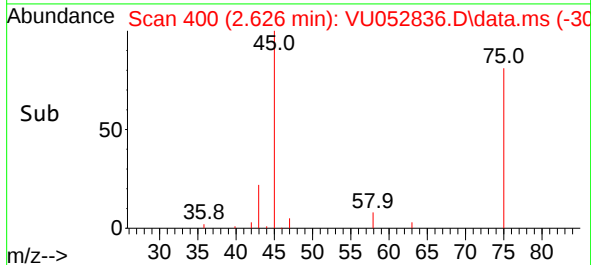
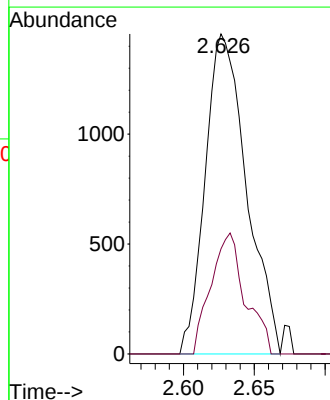
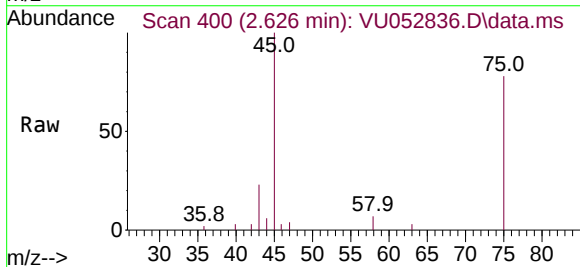
Acq: 27 Jan 2023 11:07

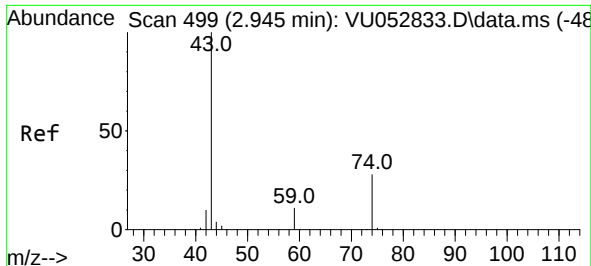
Tgt Ion: 43 Resp: 2955

Ion Ratio Lower Upper

43 100

58 27.1 0.0 70.2

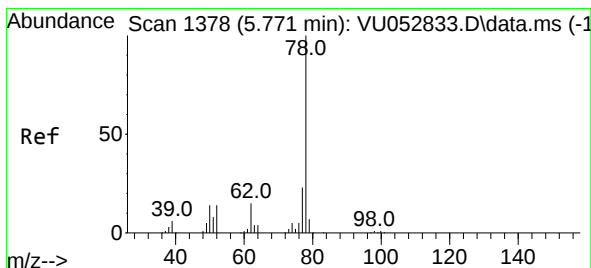
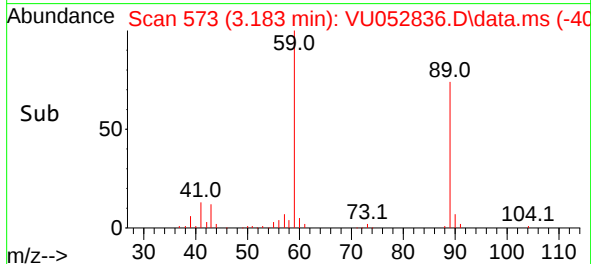
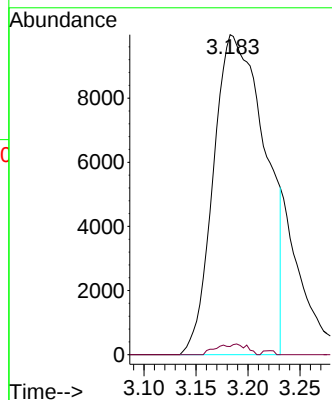
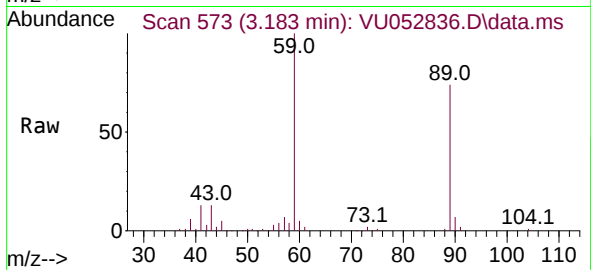




#15
Methyl Acetate
Concen: 27.432 ug/L
RT: 3.183 min Scan# 51
Delta R.T. 0.238 min
Lab File: VU052836.D
Acq: 27 Jan 2023 11:07

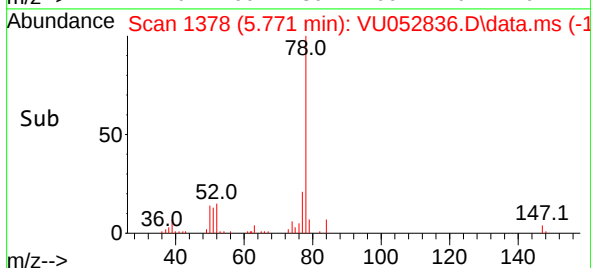
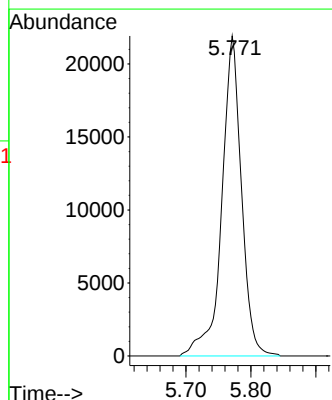
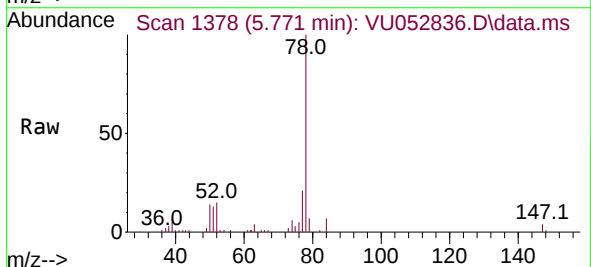
Instrument :
MSVOA_U
ClientSampleId :
A44G8

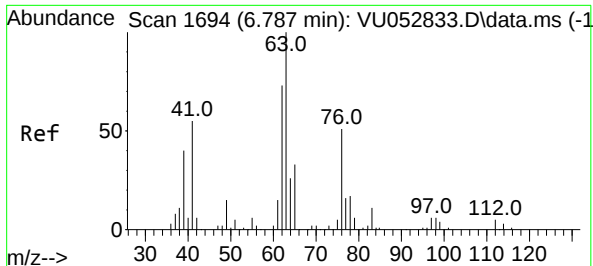
Tgt Ion: 43 Resp: 34495
Ion Ratio Lower Upper
43 100
74 0.6 22.0 33.0#



#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

Tgt Ion: 78 Resp: 46026





#37

1,2-Dichloropropane

Concen: 8.380 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052836.D

Acq: 27 Jan 2023 11:07

Instrument :

MSVOA_U

ClientSampleId :

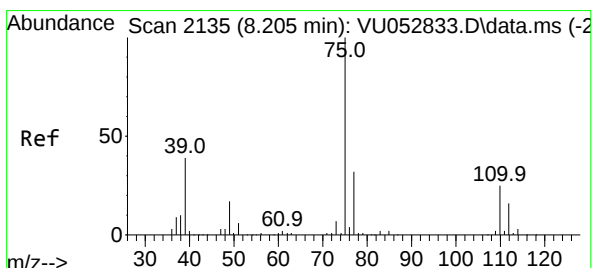
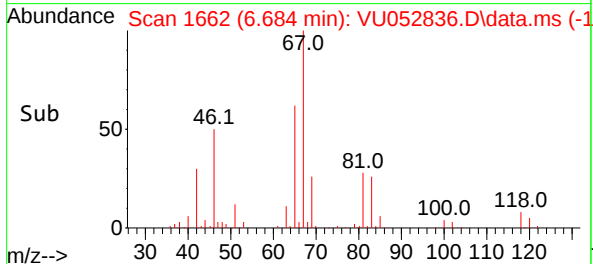
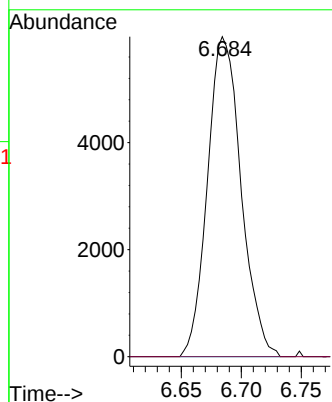
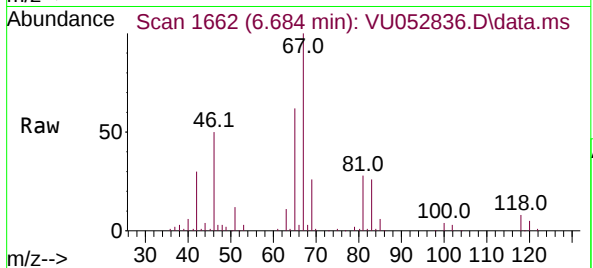
A44G8

Tgt Ion: 63 Resp: 11659

Ion Ratio Lower Upper

63 100

112 0.2 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.938 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.029 min

Lab File: VU052836.D

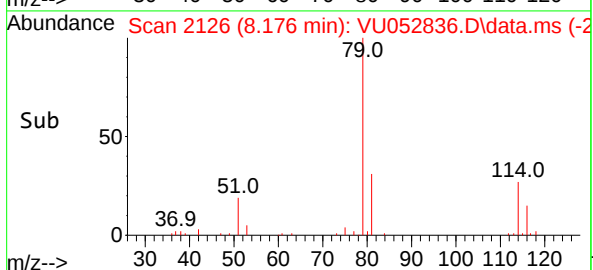
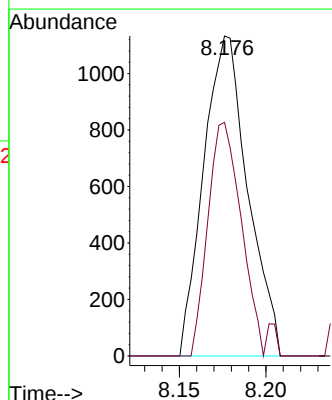
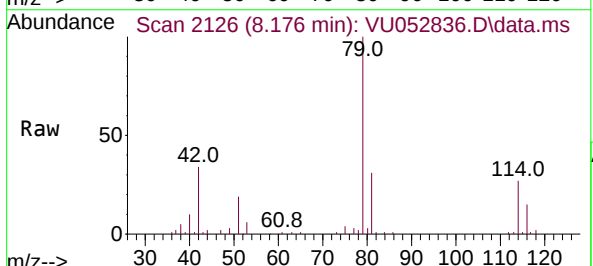
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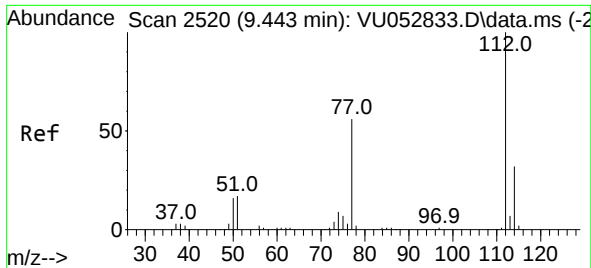
Tgt Ion: 75 Resp: 2010

Ion Ratio Lower Upper

75 100

77 73.0 22.3 41.3#

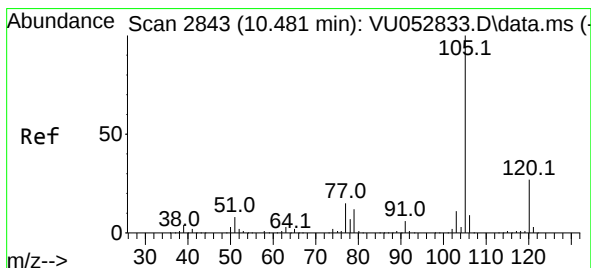
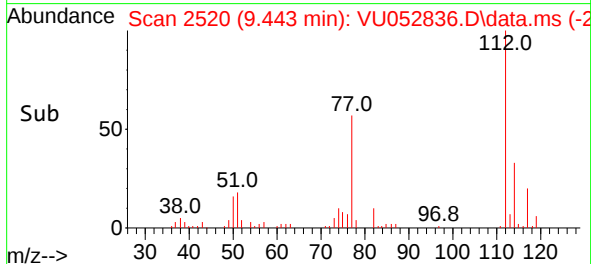
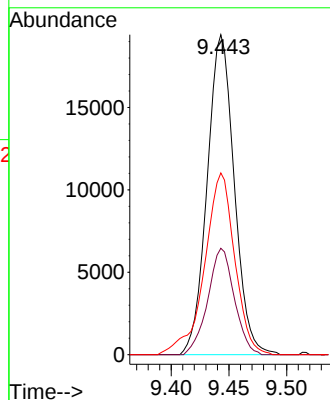
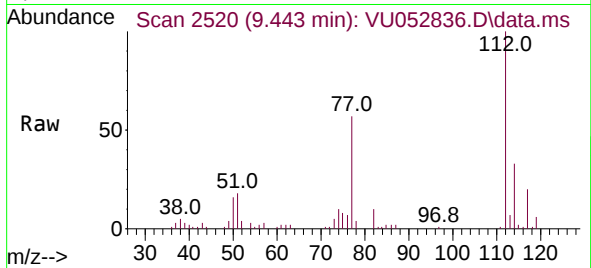




#51
Chlorobenzene
Concen: 7.944 ug/L
RT: 9.443 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052836.D
Acq: 27 Jan 2023 11:07

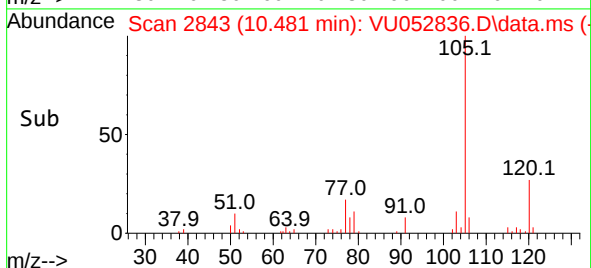
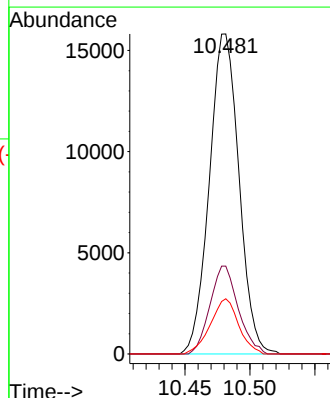
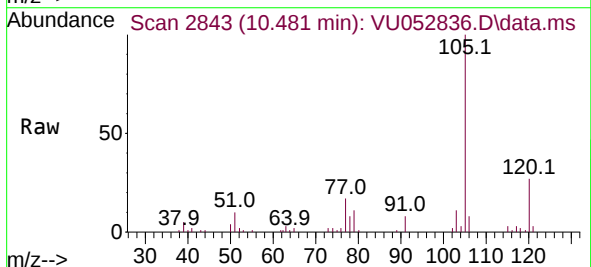
Instrument :
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ClientSampleId :
A44G8

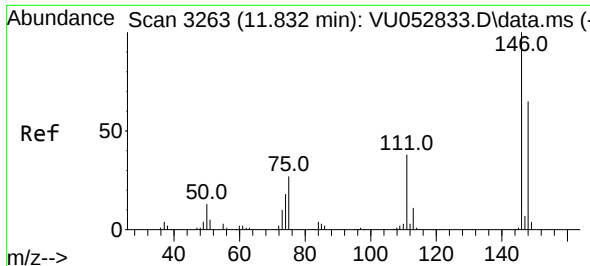
Tgt Ion:	112	Resp:	31696
Ion	Ratio	Lower	Upper
112	100		
114	33.2	22.8	42.4
77	56.8	45.9	68.9



#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

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

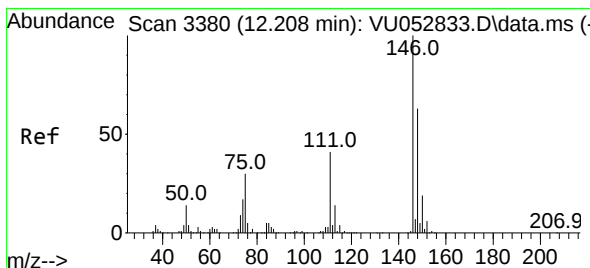
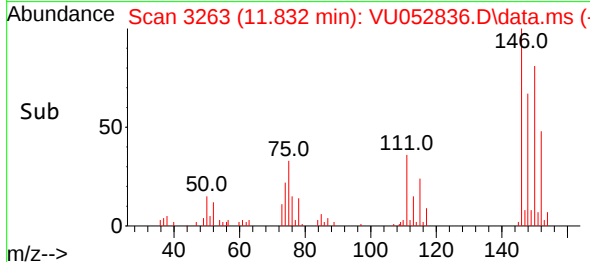
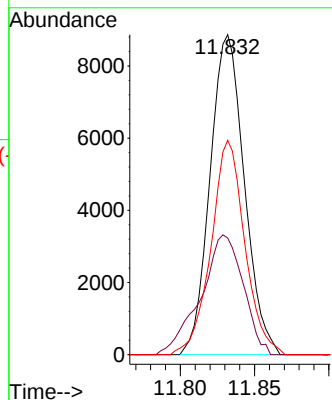
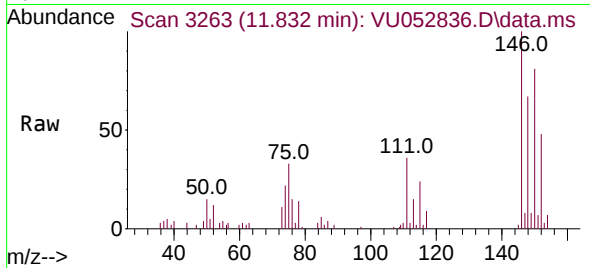




#65
 1,4-Dichlorobenzene
 Concen: 5.069 ug/L
 RT: 11.832 min Scan# 3263
 Delta R.T. 0.000 min
 Lab File: VU052836.D
 Acq: 27 Jan 2023 11:07

Instrument :
 MSVOA_U
 ClientSampleId :
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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

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

