

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
 Data File : VU038124.D
 Acq On : 12 May 2020 15:13
 Operator : JC/MD
 Sample : L2570-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 01:15:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 01:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	369194	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	176982	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135484	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	126151	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	176815	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	4.68	46	513982	61.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.38%
24) Chloroform-d	5.10	84	236395	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.74	65	143482	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	511448	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.72	67	168722	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	447723	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	61680	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.65	63	411062	62.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	143825	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	171207	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

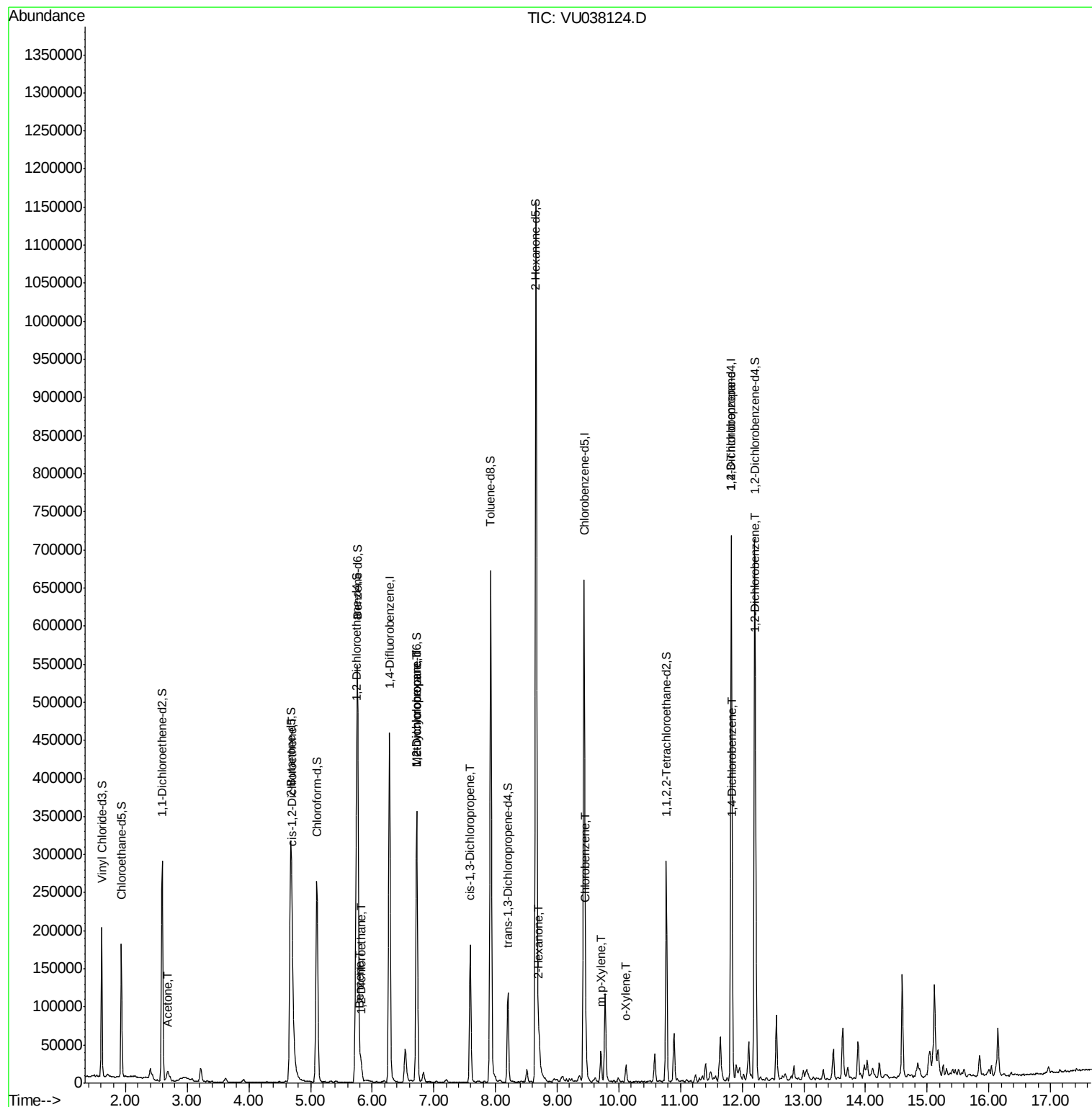
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	28784	5.506	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	7679	0.255	ug/L	85
27) 1,2-Dichloroethane	5.83	62	9645	0.268	ug/L #	94
33) Benzene	5.81	78	21359	0.185	ug/L	100
35) Methylcyclohexane	6.72	83	37260	0.797	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	17948	0.572	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4167	0.093	ug/L #	56
48) 2-Hexanone	8.71	43	29590	1.859	ug/L #	97
51) Chlorobenzene	9.47	112	33551	0.444	ug/L	97
53) m,p-Xylene	9.71	106	11852	0.234	ug/L	95
54) o-Xylene	10.12	106	5752	0.118	ug/L	78
59) 1,2,3-Trichloropropane	11.83	75	25585	1.216	ug/L	93
63) 1,4-Dichlorobenzene	11.85	146	5564	0.095	ug/L	93
65) 1,2-Dichlorobenzene	12.22	146	56166	1.014	ug/L	97

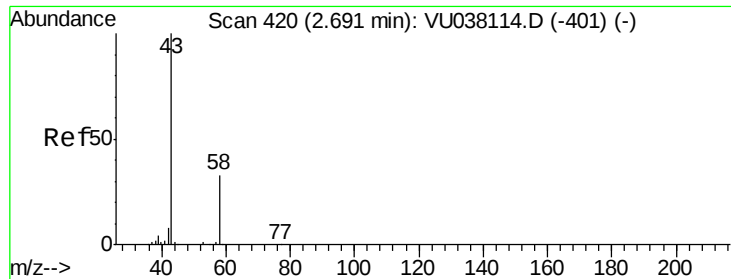
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051220\
Data File : VU038124.D
Acq On : 12 May 2020 15:13
Operator : JC/MD
Sample : L2570-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 13 01:15:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 01:13:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.506 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

Instrument :

MSVOA_U

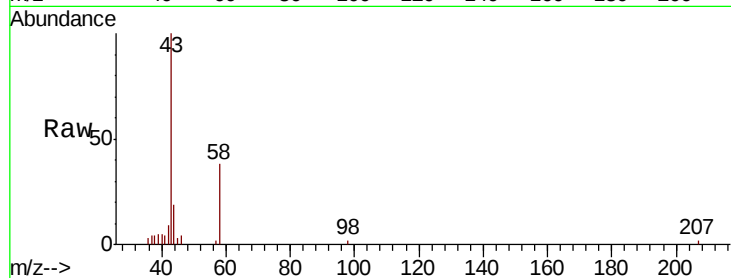
ClientSampleId :

Tot Ion: 43 Resp: 28784

Ion Ratio Lower Upper

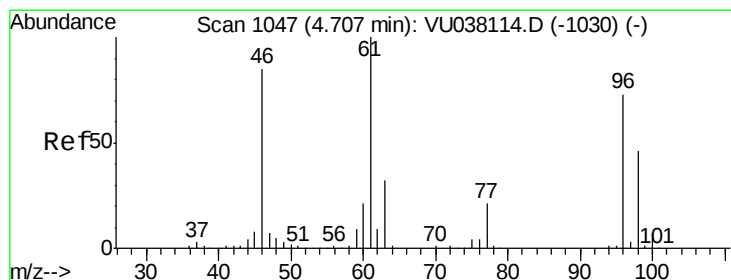
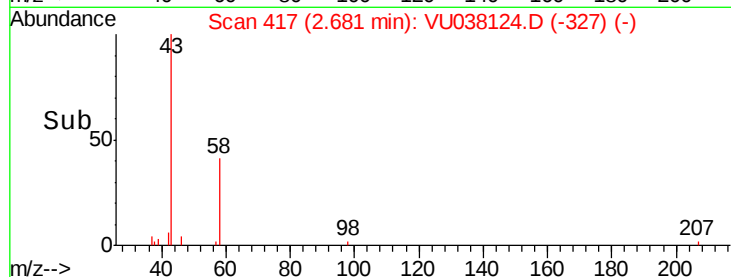
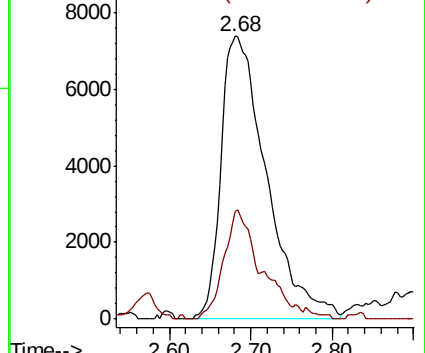
43 100

58 31.0 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.255 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.00 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

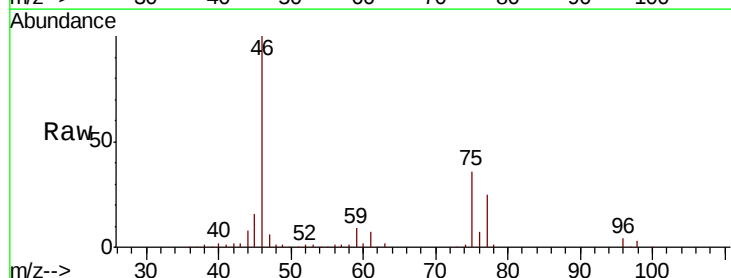
Tgt Ion: 96 Resp: 7679

Ion Ratio Lower Upper

96 100

61 154.6 95.3 176.9

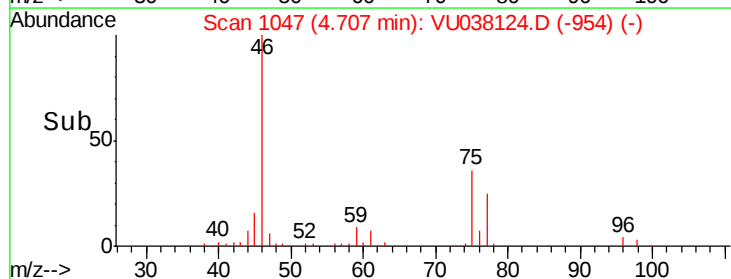
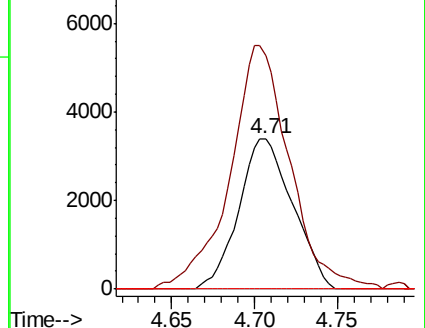
68 0.0 0.0 0.0

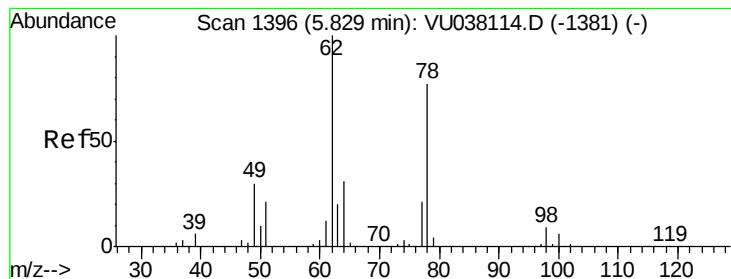


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#27

1,2-Dichloroethane

Concen: 0.268 ug/L

RT: 5.83 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

Instrument :

MSVOA_U

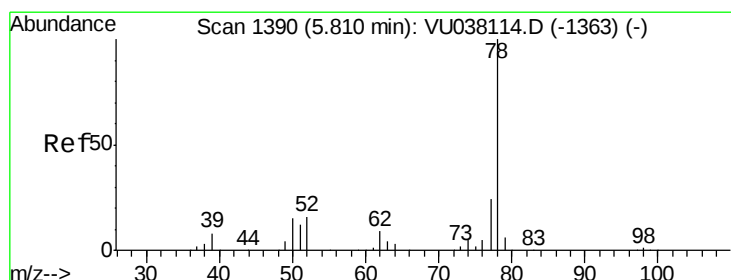
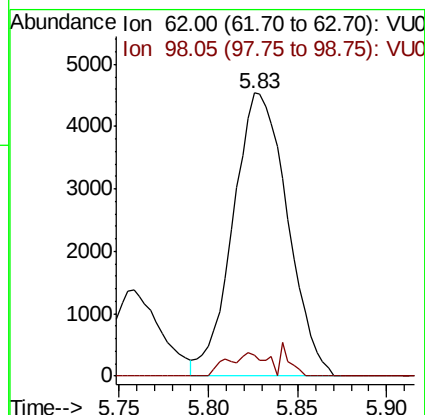
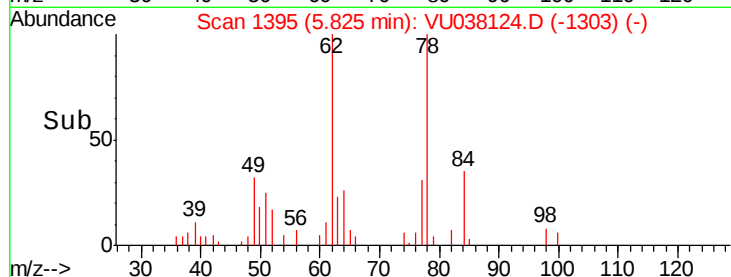
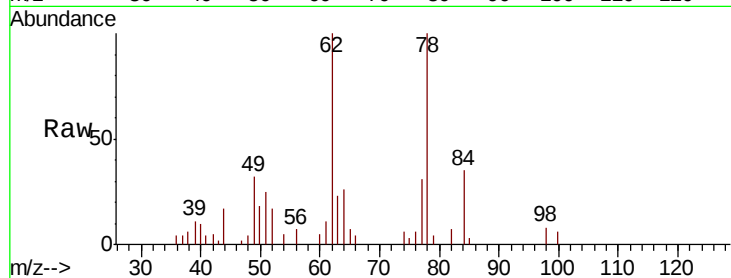
ClientSampleId :

Tot Ion: 62 Resp: 9645

Ion Ratio Lower Upper

62 100

98 7.5 7.8 11.8#



#33

Benzene

Concen: 0.185 ug/L

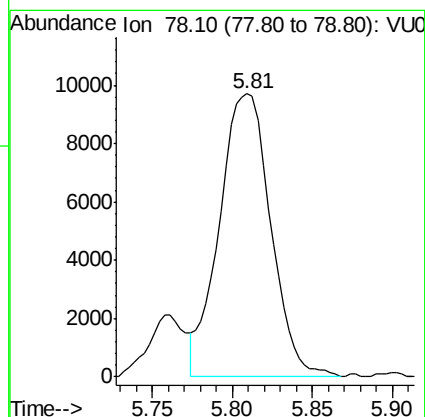
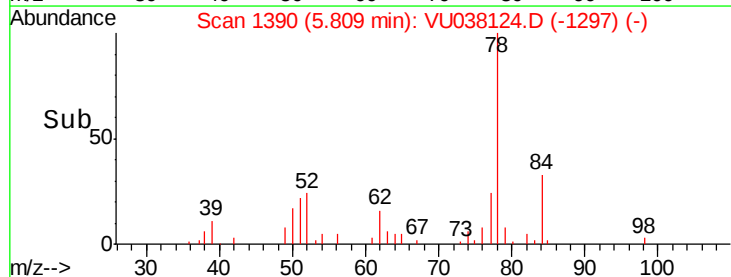
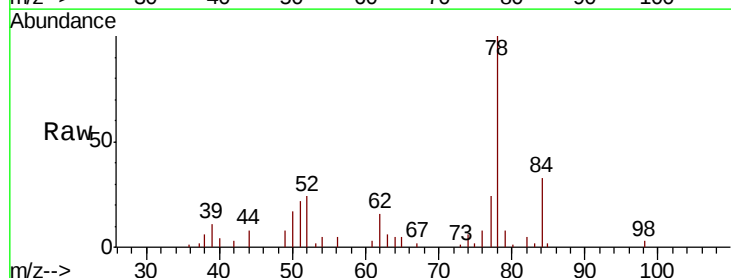
RT: 5.81 min Scan# 1390

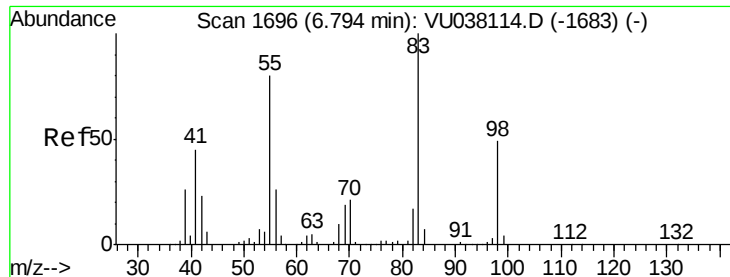
Delta R.T. -0.00 min

Lab File: VU038124.D

Acq: 12 May 2020 15:13

Tgt Ion: 78 Resp: 21359

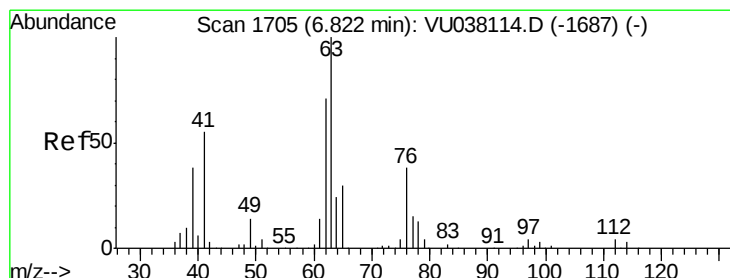
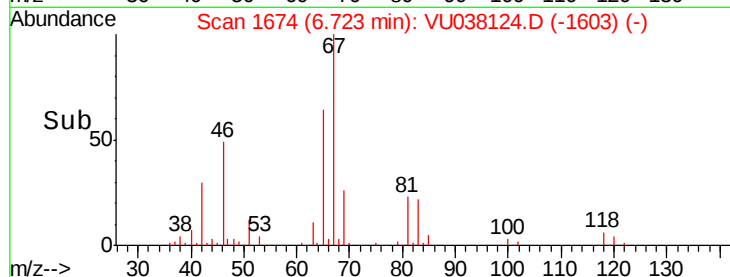
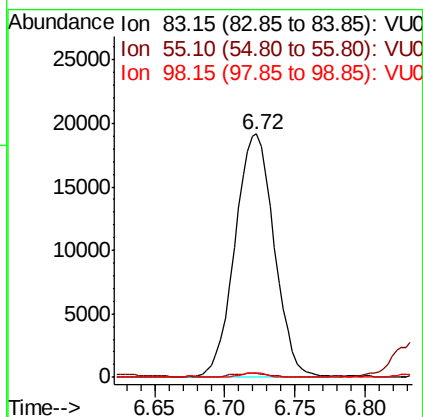
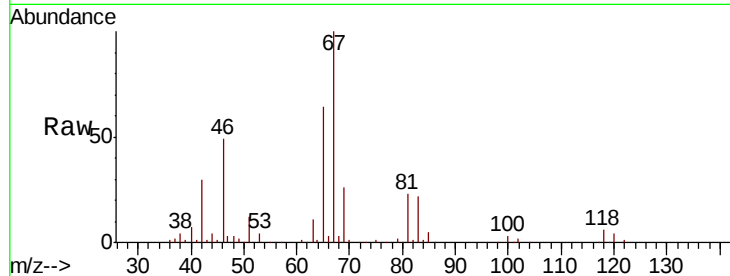




#35
Methvlcvclohexane
Concen: 0.797 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

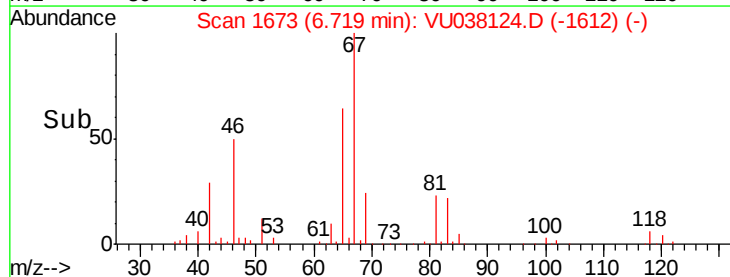
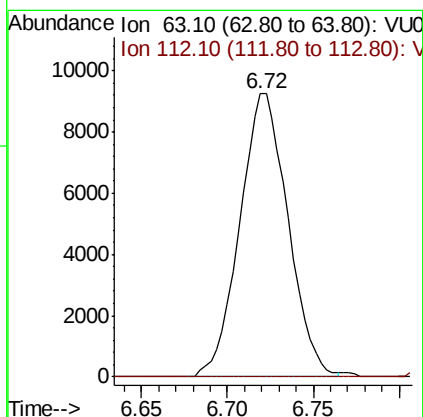
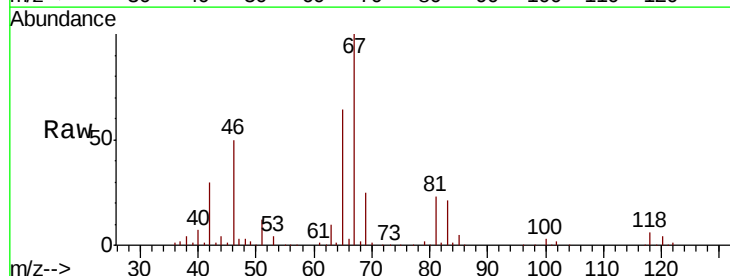
Instrument :
MSVOA_U
ClientSampled :

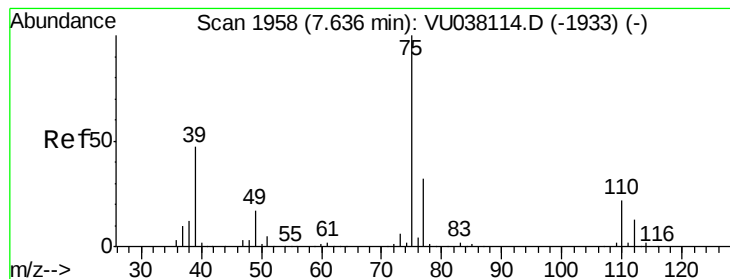
Tot Ion: 83 Resp: 37260
Ion Ratio Lower Upper
83 100
55 1.5 66.7 100.1#
98 1.1 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

Tgt Ion: 63 Resp: 17948
Ion Ratio Lower Upper
63 100
112 8.0 3.1 4.7#



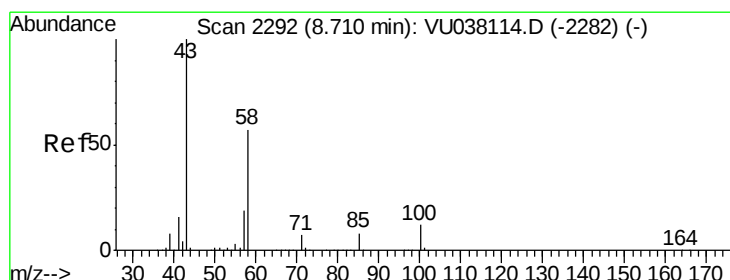
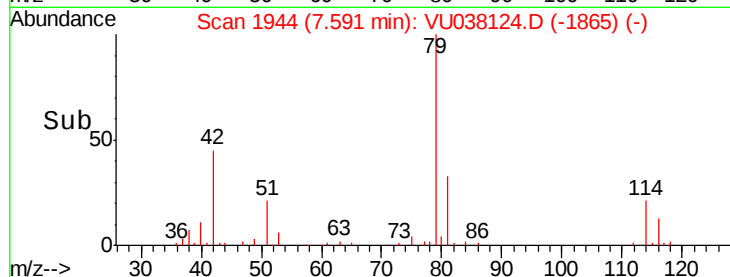
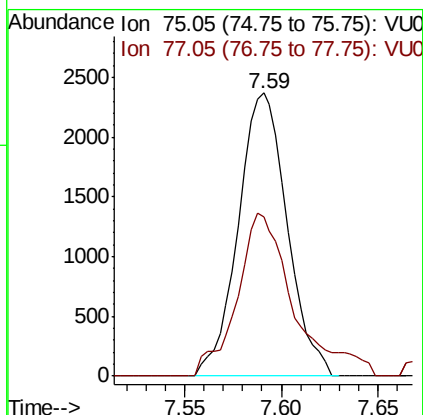
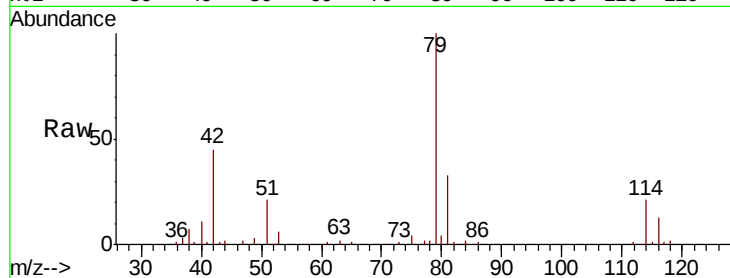


#39

cis-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

Instrument :
MSVOA_U
ClientSampleId :

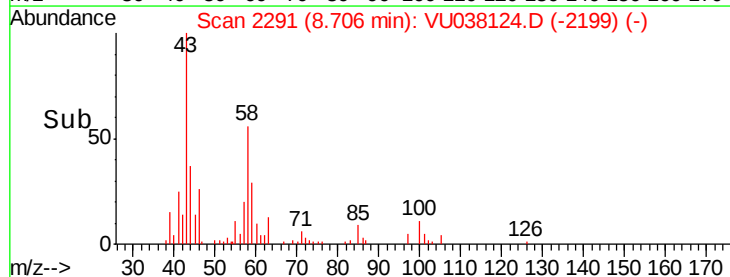
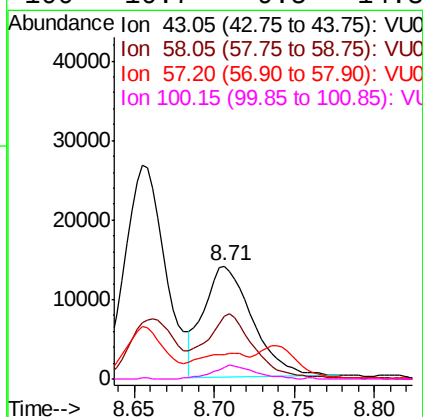
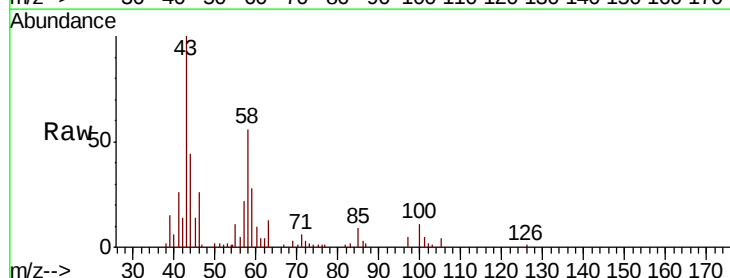
Tot Ion: 75 Resp: 4167
Ion Ratio Lower Upper
75 100
77 56.3 22.4 41.6#

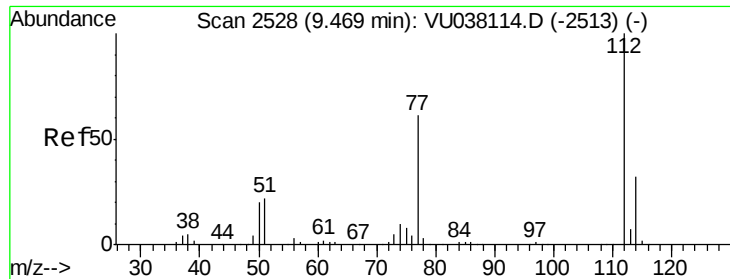


#48

2-Hexanone
Concen: 1.859 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

Tgt Ion: 43 Resp: 29590
Ion Ratio Lower Upper
43 100
58 56.1 45.2 67.8
57 23.7 15.5 23.3#
100 10.7 9.5 14.3

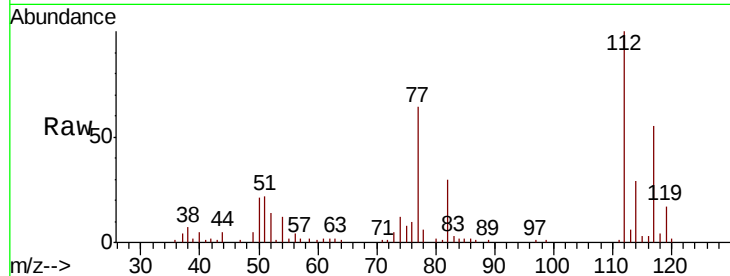




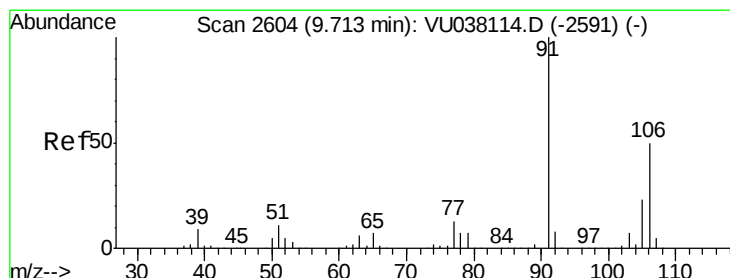
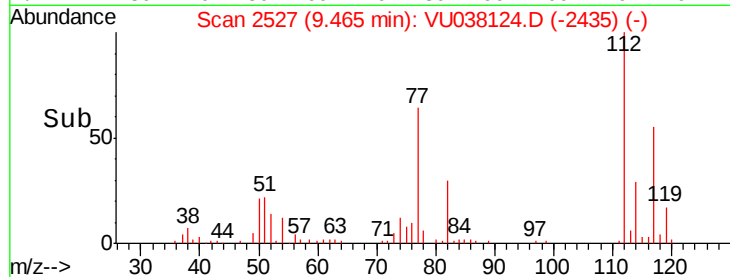
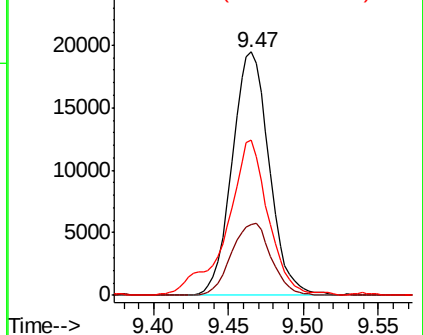
#51
Chlorobenzene
Concen: 0.444 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:112 Resp: 33551
Ion Ratio Lower Upper
112 100
114 29.3 22.5 41.7
77 63.6 49.9 74.9

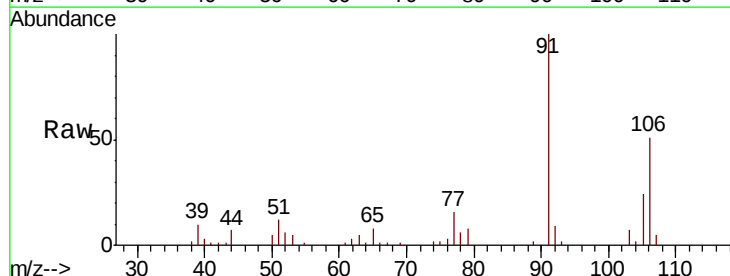


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VU

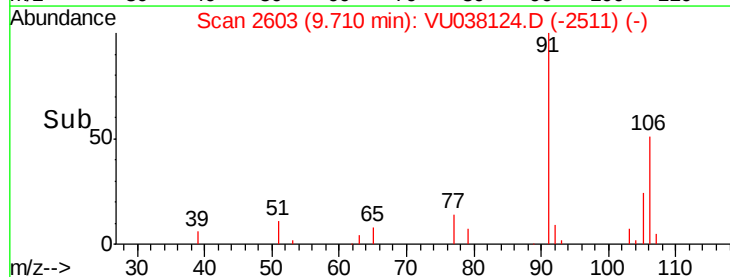
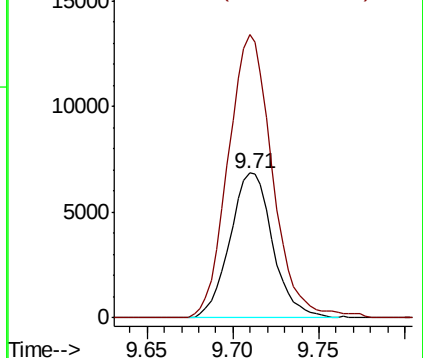


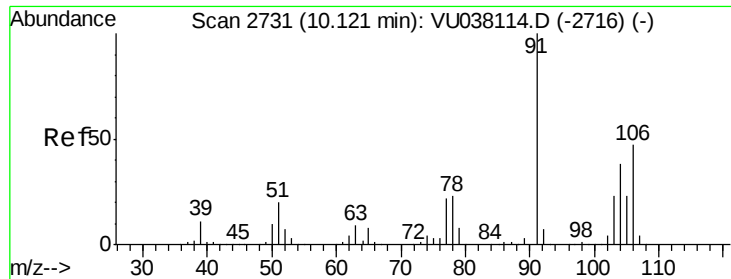
#53
m,p-Xylene
Concen: 0.234 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

Tgt Ion:106 Resp: 11852
Ion Ratio Lower Upper
106 100
91 195.6 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU

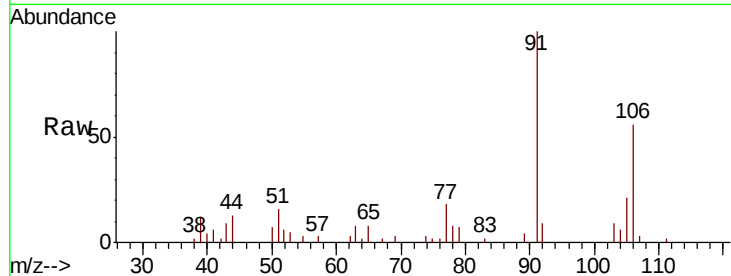




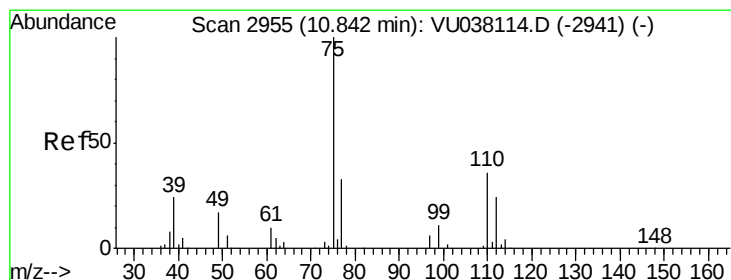
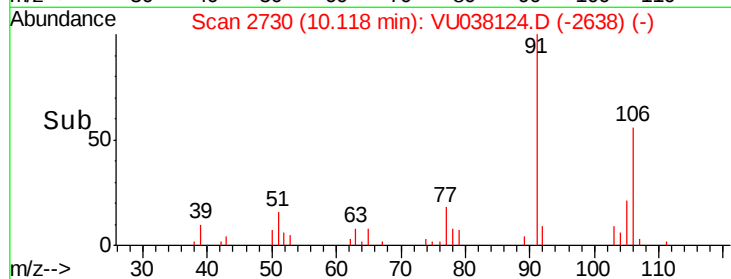
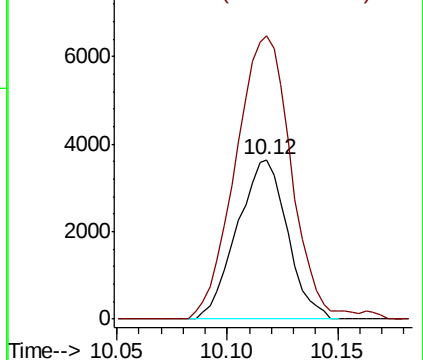
#54
o-Xylene
Concen: 0.118 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 5752
Ion Ratio Lower Upper
106 100
91 177.4 148.5 275.9

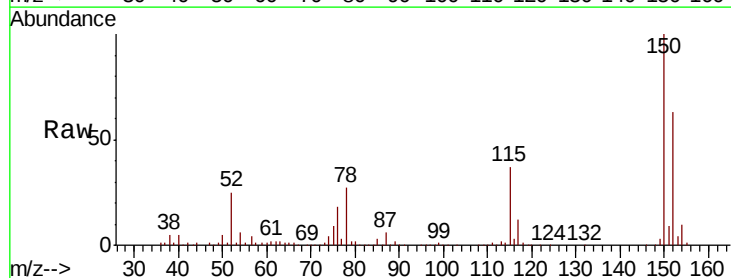


Abundance Ion 106.15 (105.85 to 106.85): VU038124.D (-2638) (-)
Ion 91.15 (90.85 to 91.85): VU038124.D (-2638) (-)

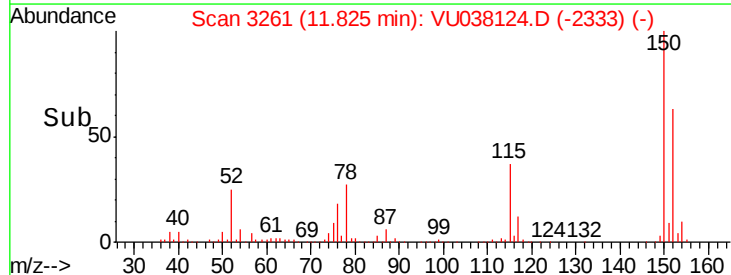
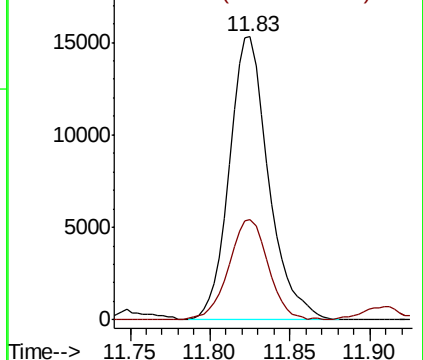


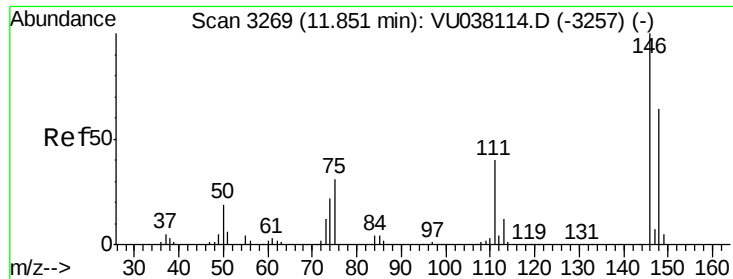
#59
1,2,3-Trichloropropane
Concen: 1.216 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038124.D
Acq: 12 May 2020 15:13

Tgt Ion: 75 Resp: 25585
Ion Ratio Lower Upper
75 100
77 35.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU038124.D (-2333) (-)
Ion 77.00 (76.70 to 77.70): VU038124.D (-2333) (-)

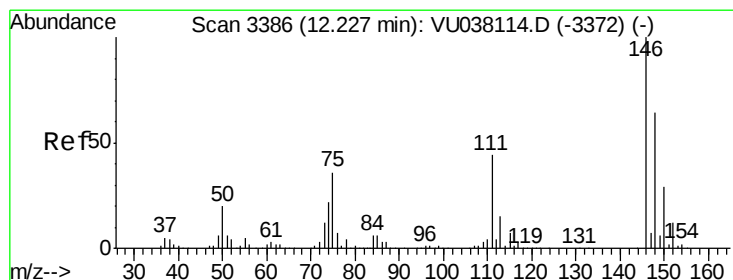
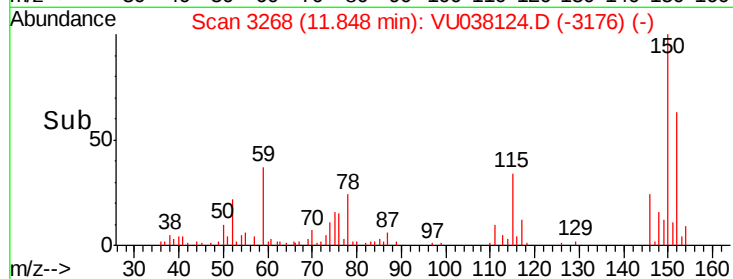
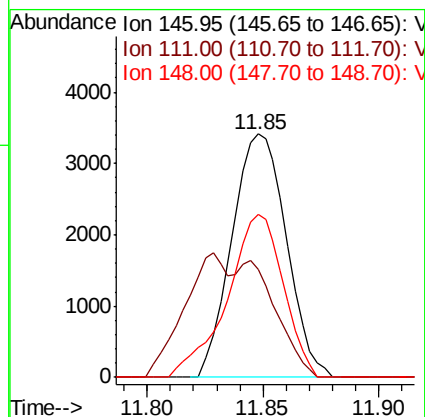
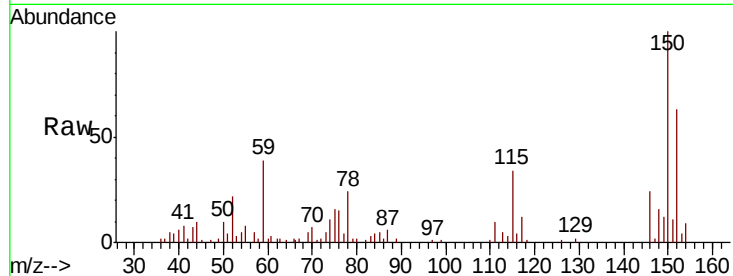




#63
 1,4-Dichlorobenzene
 Concen: 0.095 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038124.D
 Acq: 12 May 2020 15:13

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 5564
 Ion Ratio Lower Upper
 146 100
 111 44.2 27.2 50.6
 148 67.1 43.8 81.3



#65
 1,2-Dichlorobenzene
 Concen: 1.014 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU038124.D
 Acq: 12 May 2020 15:13

Tgt Ion:146 Resp: 56166
 Ion Ratio Lower Upper
 146 100
 111 41.2 35.3 52.9
 148 62.7 51.0 76.4

