

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037923.D
 Acq On : 29 Apr 2020 19:37
 Operator : JC/MD
 Sample : L2395-13DL2 2000X
 Misc : 5.6mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 01:22:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	663237	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	647051	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	298470	50.00	ug/L	0.00

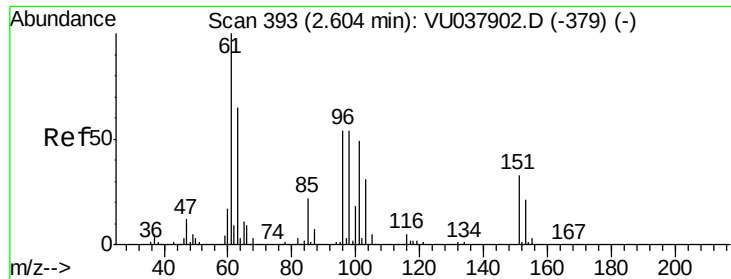
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	188721	32.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.14%
7) Chloroethane-d5	1.93	69	182746	40.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.38%
11) 1,1-Dichloroethene-d2	2.59	63	270736	28.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.72%#
21) 2-Butanone-d5	4.66	46	435277	94.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	5.10	84	376326	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
26) 1,2-Dichloroethane-d4	5.74	65	271775	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
32) Benzene-d6	5.76	84	797820	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.72	67	274665	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.92	98	712144	42.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.68%
43) trans-1,3-Dichloropropene-	8.20	79	126217	40.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.14%
47) 2-Hexanone-d5	8.65	63	312621	93.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	401421	47.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.28%
64) 1,2-Dichlorobenzene-d4	12.20	152	272442	46.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.82%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.60	96	15317	3.804 ug/L #	1
16) Methylene chloride	3.08	84	4568	0.955 ug/L	92
20) cis-1,2-Dichloroethene	4.71	96	12354	2.506 ug/L	94
25) Chloroform	5.13	83	8739	1.029 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	8849	1.225 ug/L	94
34) Trichloroethene	6.57	95	217684	45.188 ug/L	98
35) Methylcyclohexane	6.72	83	62004	7.351 ug/L #	17
39) cis-1,3-Dichloropropene	7.59	75	7308	0.851 ug/L #	43
48) 2-Hexanone	8.65	43	37861	5.133 ug/L #	76
59) 1,2,3-Trichloropropane	11.83	75	42428	5.888 ug/L	95

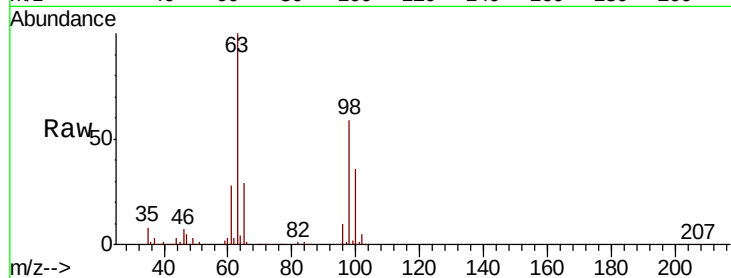
(#) = qualifier out of range (m) = manual integration (+) = signals summed



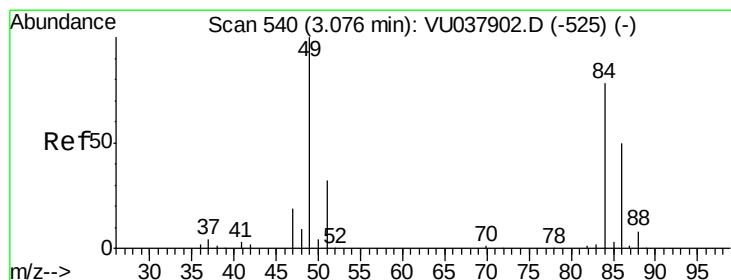
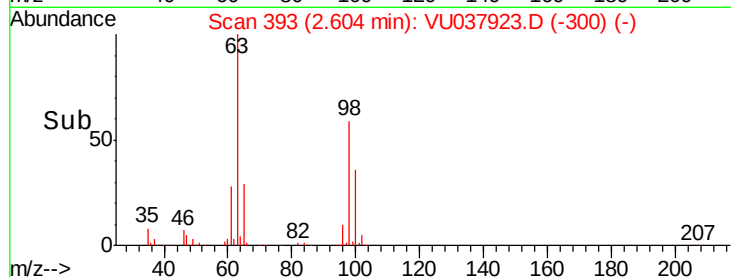
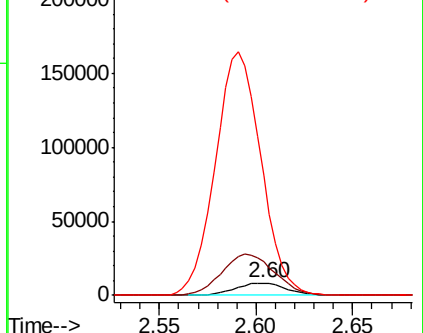
#12
 1,1-Dichloroethene
 Concen: 3.804 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU037923.D
 Acq: 29 Apr 2020 19:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 15317
 Ion Ratio Lower Upper
 96 100
 61 268.0 134.1 249.0#
 63 959.9 96.5 179.1#

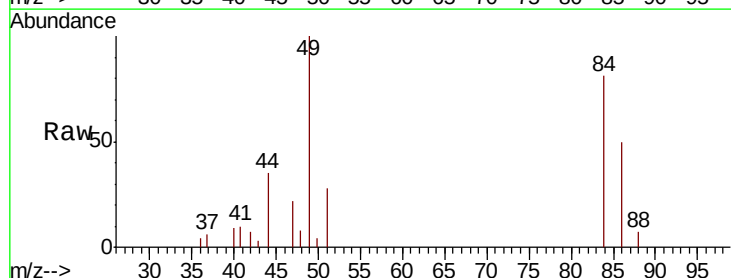


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

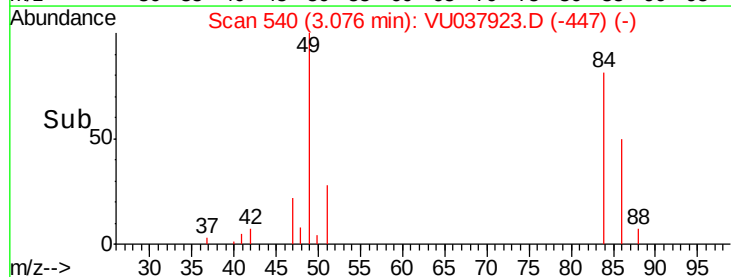
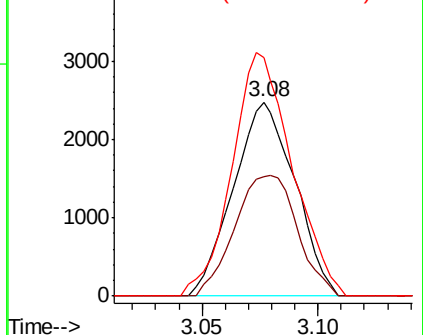


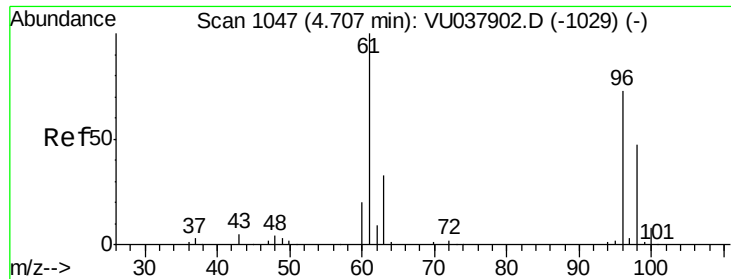
#16
 Methylene chloride
 Concen: 0.955 ug/L
 RT: 3.08 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: VU037923.D
 Acq: 29 Apr 2020 19:37

Tgt Ion: 84 Resp: 4568
 Ion Ratio Lower Upper
 84 100
 86 61.5 43.5 80.7
 49 122.9 95.1 176.7



Abundance Ion 84.00 (83.70 to 84.70): VU0
 Ion 86.00 (85.70 to 86.70): VU0
 Ion 49.00 (48.70 to 49.70): VU0

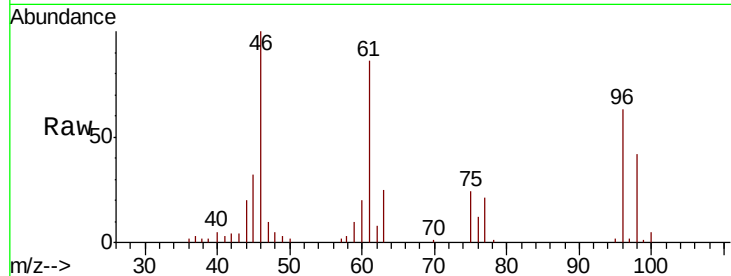




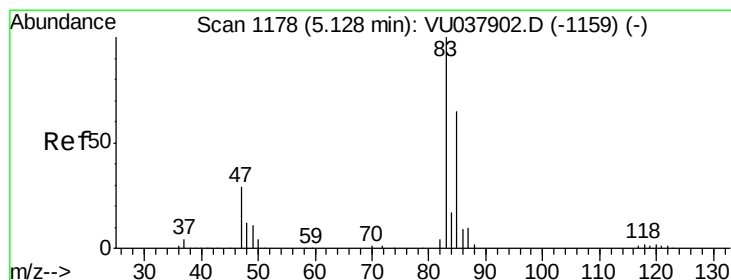
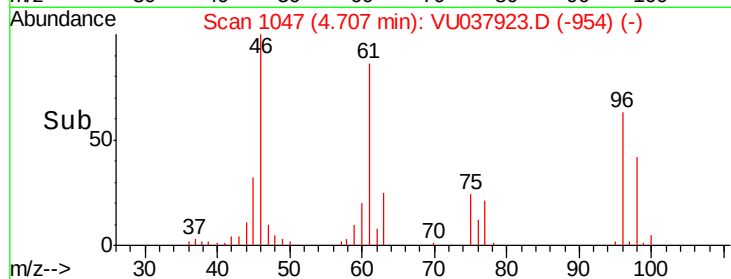
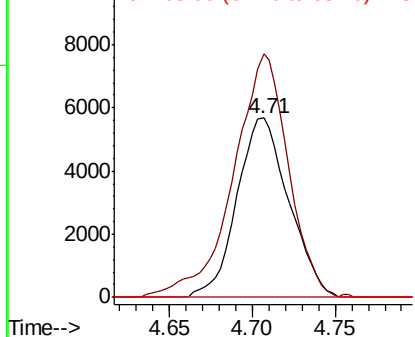
#20
 cis-1,2-Dichloroethene
 Concen: 2.506 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037923.D
 Acq: 29 Apr 2020 19:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 12354
 Ion Ratio Lower Upper
 96 100
 61 135.7 100.4 186.4
 68 0.0 0.0 0.0

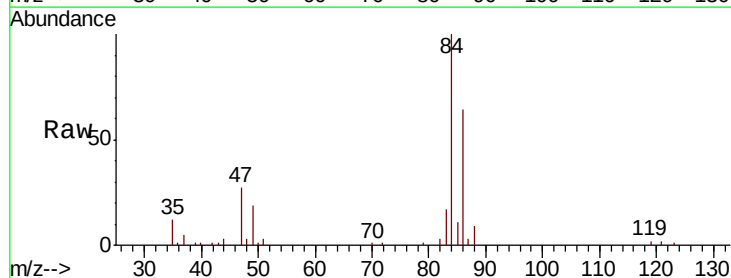


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

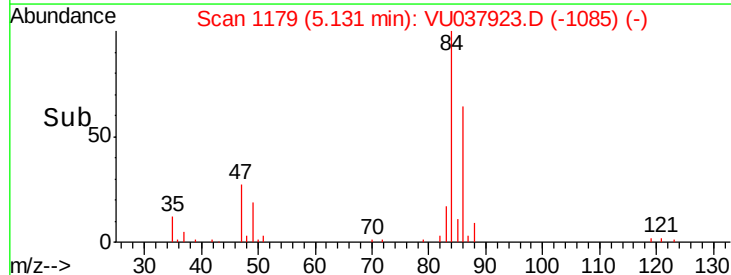
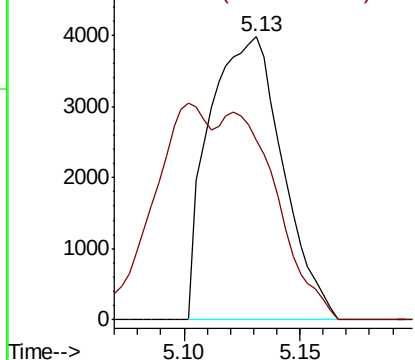


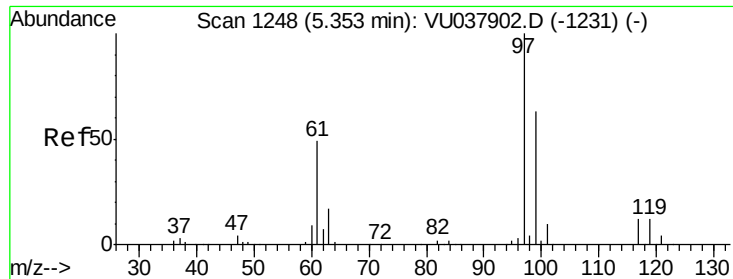
#25
 Chloroform
 Concen: 1.029 ug/L
 RT: 5.13 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VU037923.D
 Acq: 29 Apr 2020 19:37

Tgt Ion: 83 Resp: 8739
 Ion Ratio Lower Upper
 83 100
 85 63.5 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 85.00 (84.70 to 85.70): VU0

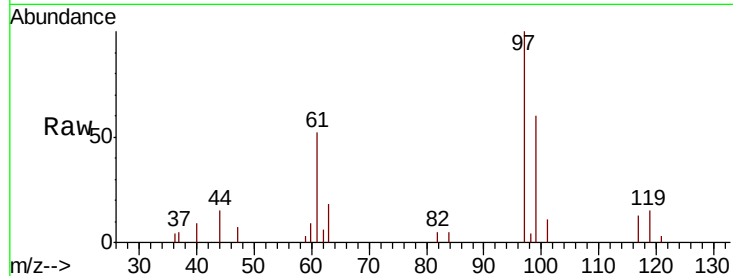




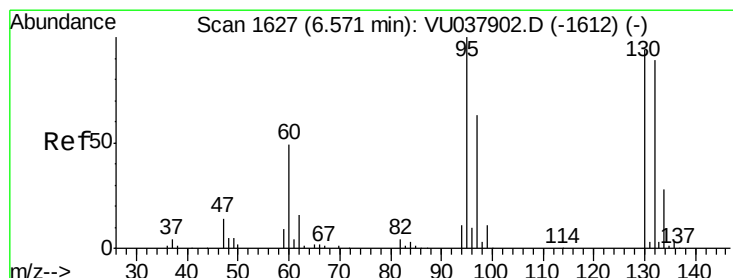
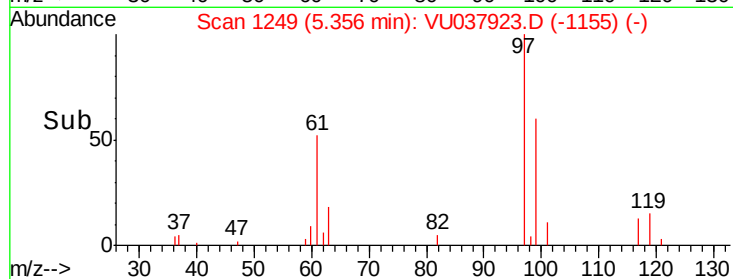
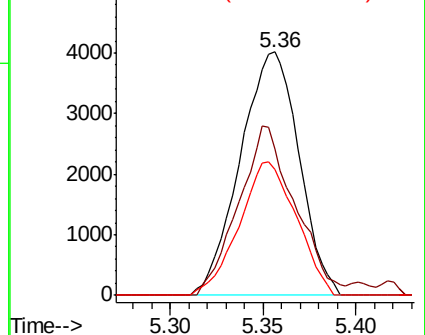
#30
1,1,1-Trichloroethane
Concen: 1.225 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU037923.D
Acq: 29 Apr 2020 19:37

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 97 Resp: 8849
Ion Ratio Lower Upper
97 100
99 67.0 50.7 76.1
61 53.3 38.9 58.3



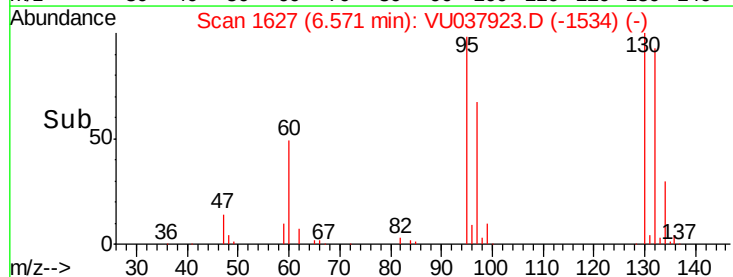
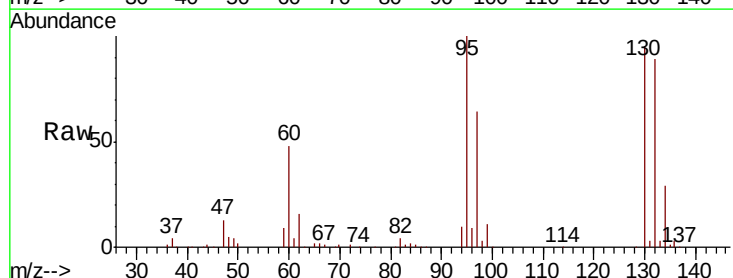
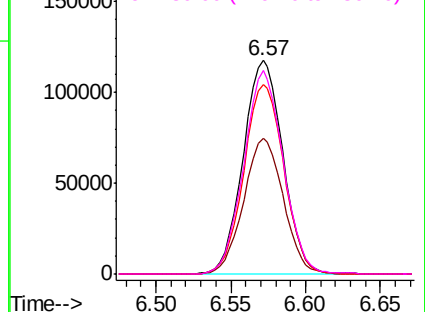
Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 99.00 (98.70 to 99.70): VU0
Ion 61.05 (60.75 to 61.75): VU0

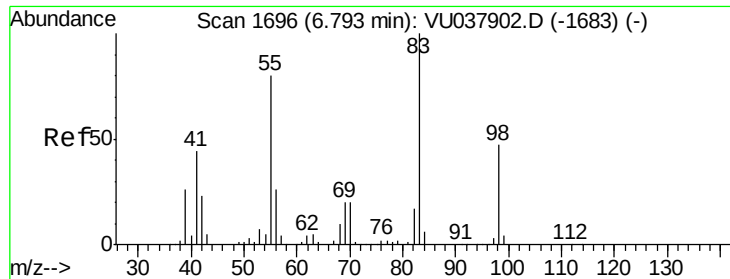


#34
Trichloroethene
Concen: 45.188 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU037923.D
Acq: 29 Apr 2020 19:37

Tgt Ion: 95 Resp: 217684
Ion Ratio Lower Upper
95 100
97 63.8 44.4 82.5
132 88.7 65.0 120.6
130 95.1 65.5 121.7

Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

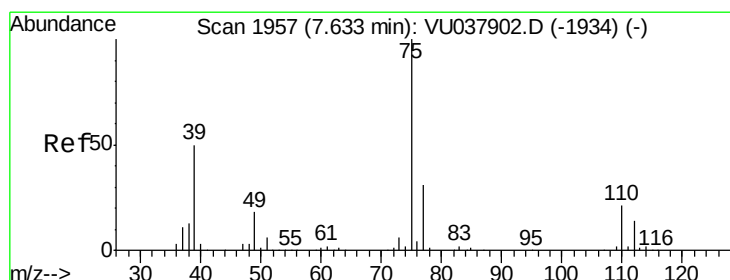
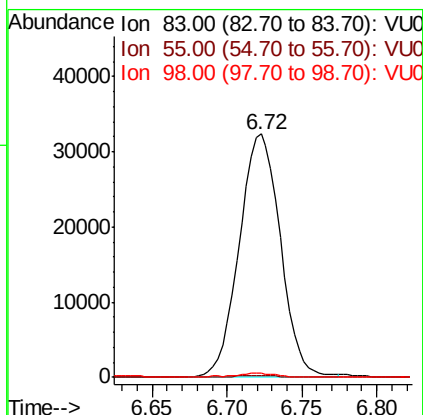
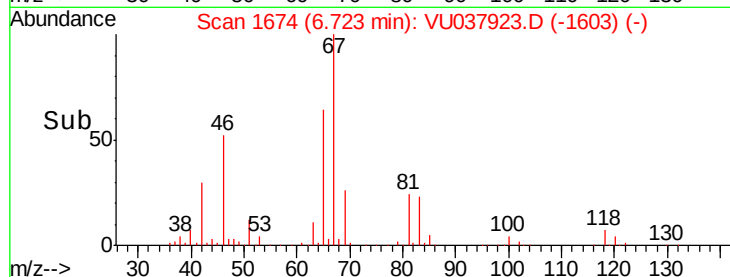
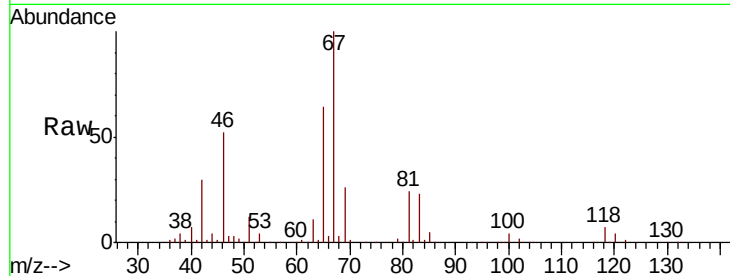




#35
Methylcyclohexane
Concen: 7.351 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037923.D
Acq: 29 Apr 2020 19:37

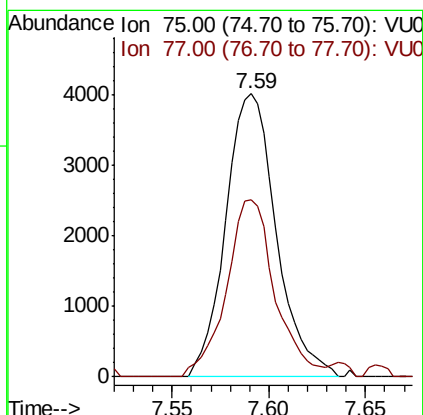
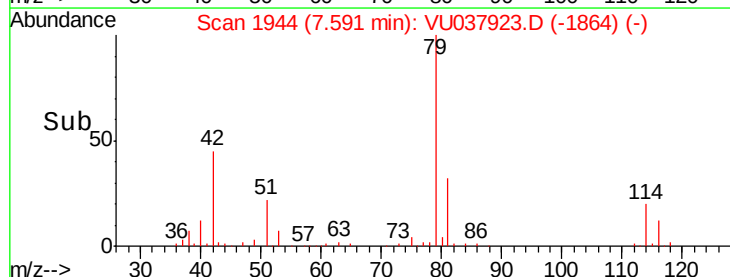
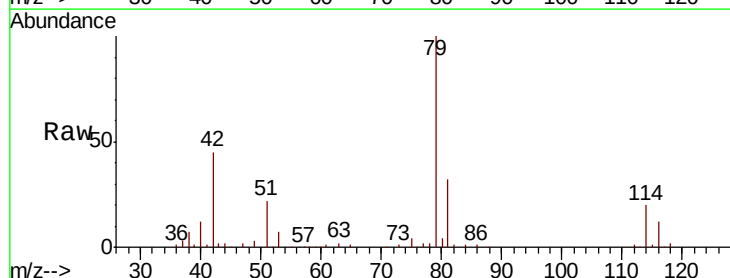
Instrument :
MSVOA_U
ClientSampled :

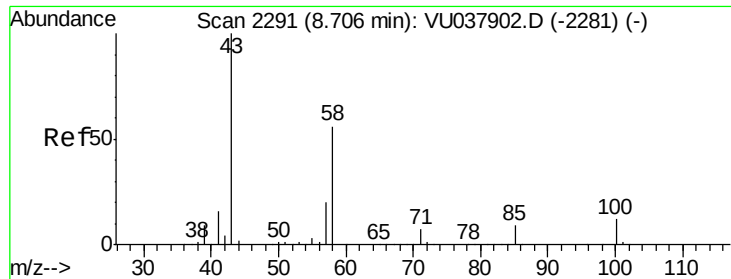
Tot Ion: 83 Resp: 62004
Ion Ratio Lower Upper
83 100
55 0.7 66.3 99.5#
98 1.4 37.4 56.0#



#39
cis-1,3-Dichloropropene
Concen: 0.851 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU037923.D
Acq: 29 Apr 2020 19:37

Tgt Ion: 75 Resp: 7308
Ion Ratio Lower Upper
75 100
77 62.5 21.7 40.3#

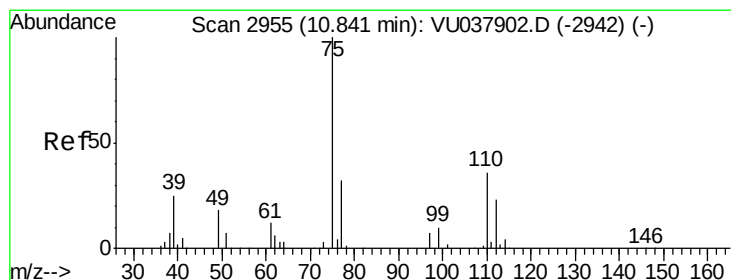
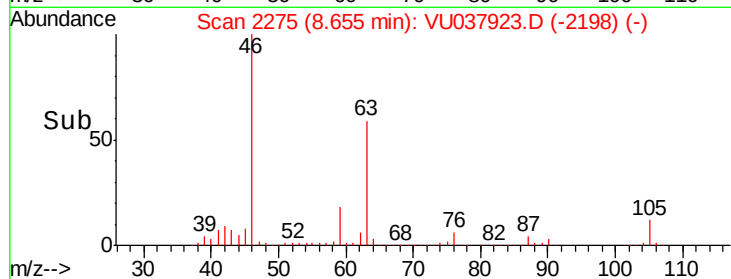
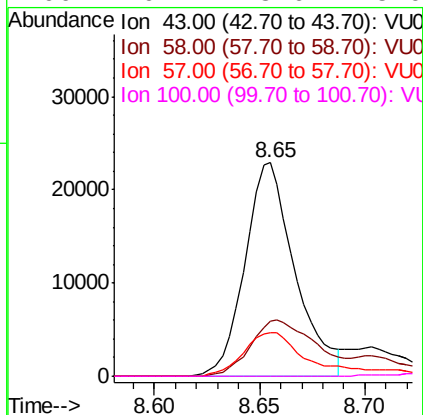
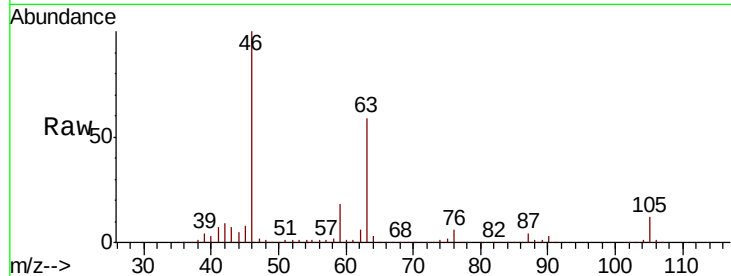




#48
 2-Hexanone
 Concen: 5.133 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.05 min
 Lab File: VU037923.D
 Acq: 29 Apr 2020 19:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 37861
 Ion Ratio Lower Upper
 43 100
 58 35.0 42.6 63.8#
 57 25.6 14.6 22.0#
 100 0.1 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.888 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037923.D
 Acq: 29 Apr 2020 19:37

Tgt Ion: 75 Resp: 42428
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.8 38.6

