

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037106.D
 Acq On : 06 Mar 2020 13:59
 Operator : JC/MD
 Sample : L1784-04DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:02:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:54:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	267155	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	252181	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86941	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	91741	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.93	69	83947	45.22	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.44%
11) 1,1-Dichloroethene-d2	2.59	63	120724	32.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.26%
21) 2-Butanone-d5	4.67	46	139170	92.48	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	5.11	84	152569	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
26) 1,2-Dichloroethane-d4	5.74	65	106291	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
32) Benzene-d6	5.76	84	329784	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.72	67	109382	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.60%
41) Toluene-d8	7.92	98	290696	42.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.94%
43) trans-1,3-Dichloropropene-	8.20	79	43155	39.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.60%
47) 2-Hexanone-d5	8.66	63	92944	80.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.45%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	146828	44.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.16%
64) 1,2-Dichlorobenzene-d4	12.21	152	80286	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%

Target Compounds

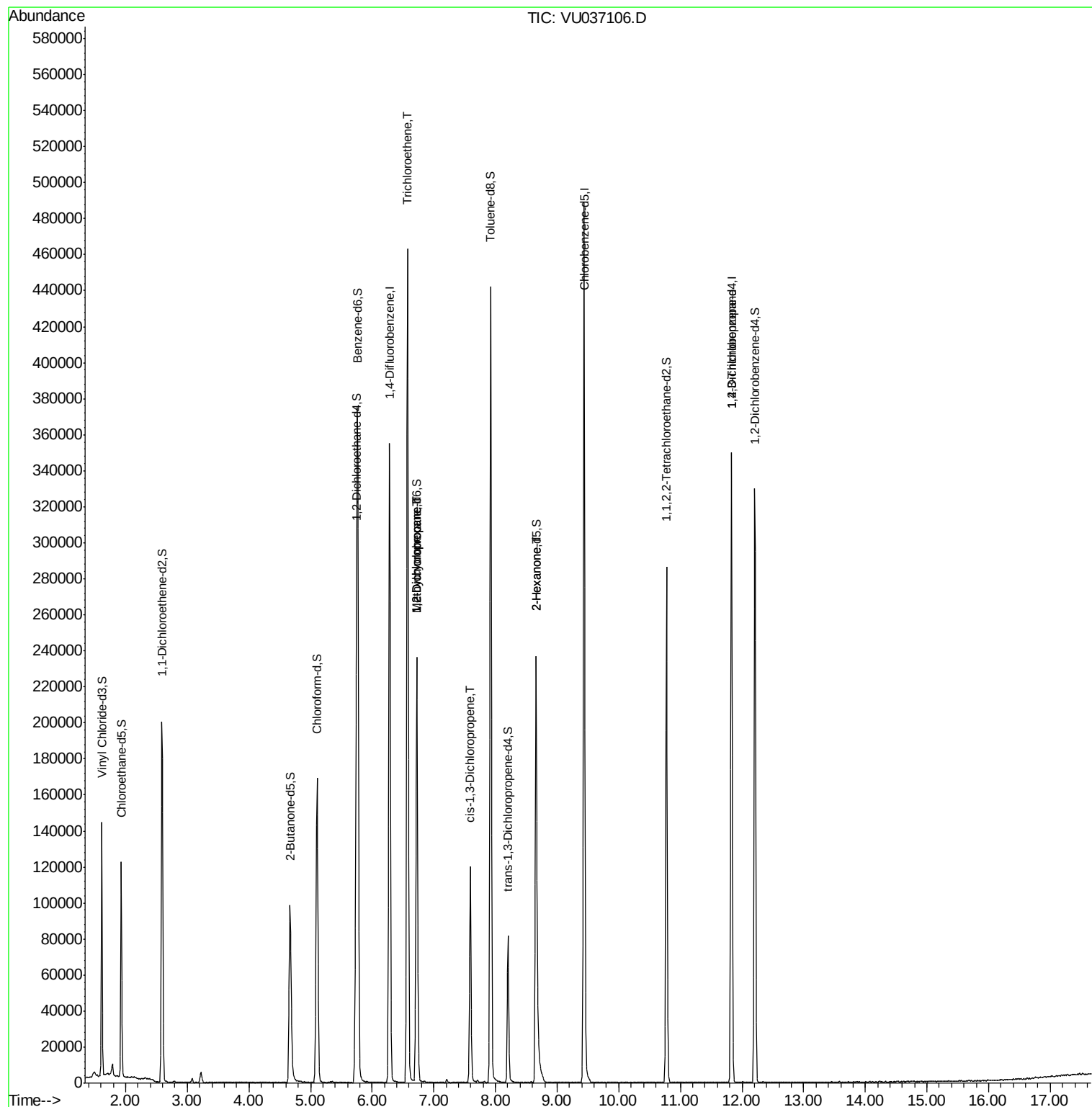
					Ovalue
34) Trichloroethene	6.57	95	158261	80.824 ug/L	98
35) Methylcyclohexane	6.72	83	23414	6.897 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12272	5.721 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2627	0.795 ug/L #	59
48) 2-Hexanone	8.66	43	11618	4.606 ug/L #	70
59) 1,2,3-Trichloropropane	11.83	75	13571	4.918 ug/L	93

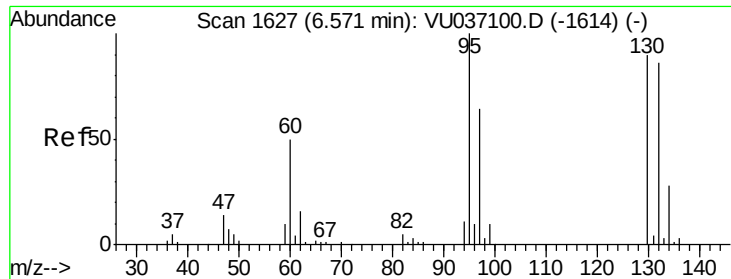
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 06 23:54:55 2020
Response via : Initial Calibration

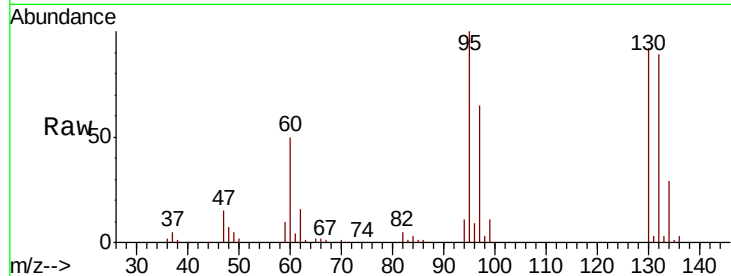




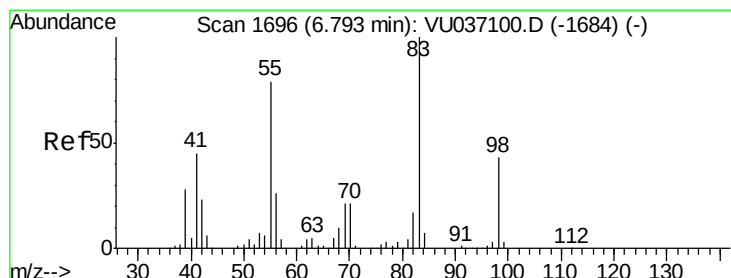
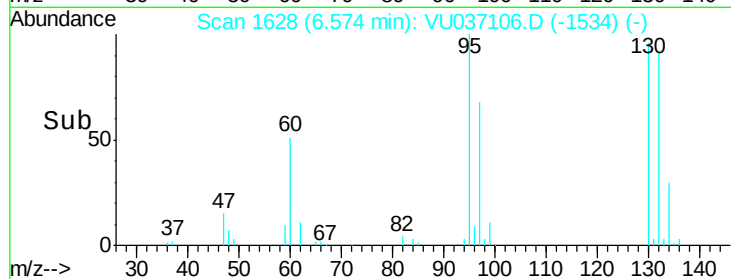
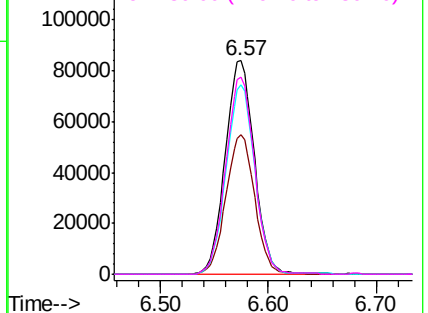
#34
 Trichloroethene
 Concen: 80.824 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037106.D
 Acq: 06 Mar 2020 13:59

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 158261
 Ion Ratio Lower Upper
 95 100
 97 65.1 44.1 81.9
 132 88.6 60.6 112.6
 130 92.2 64.9 120.5

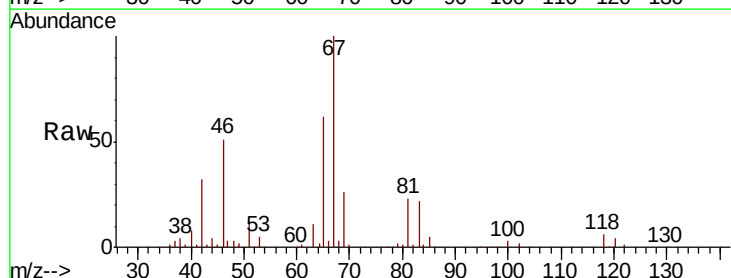


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

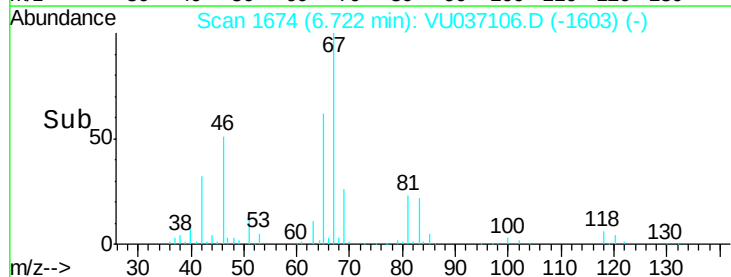
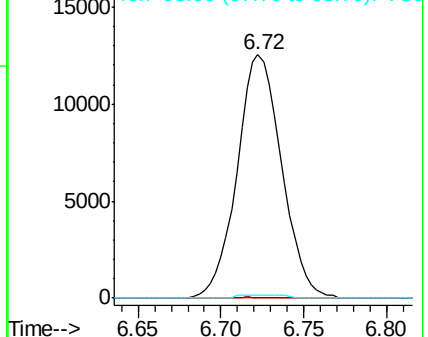


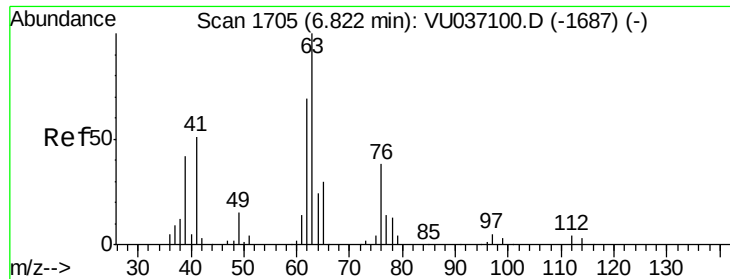
#35
 Methylcyclohexane
 Concen: 6.897 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.07 min
 Lab File: VU037106.D
 Acq: 06 Mar 2020 13:59

Tgt Ion: 83 Resp: 23414
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.6 93.8#
 98 0.5 35.1 52.7#



Abundance Ion 83.00 (82.70 to 83.70): VU0
 Ion 55.00 (54.70 to 55.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

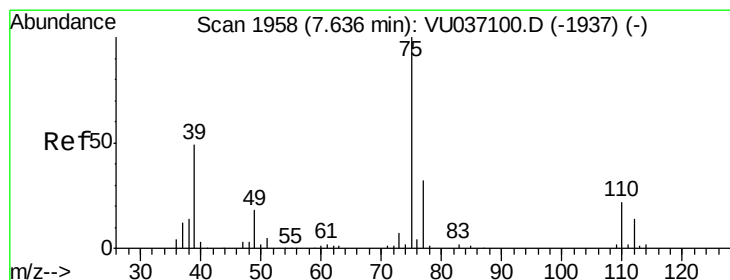
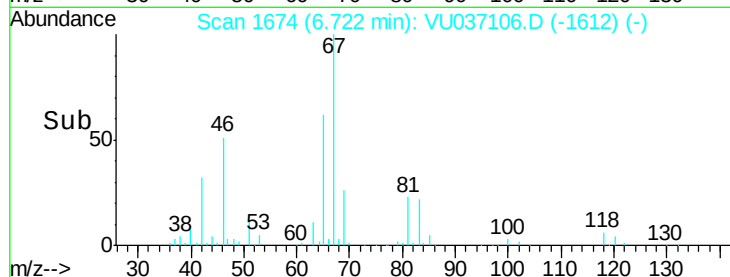
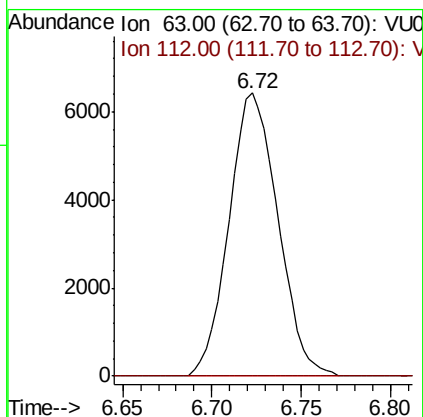
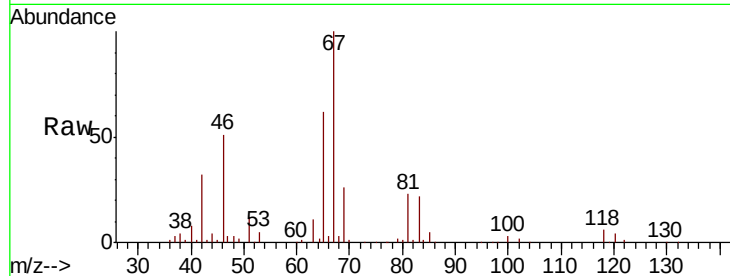




#37
 1,2-Dichloropropane
 Concen: 5.721 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037106.D
 Acq: 06 Mar 2020 13:59

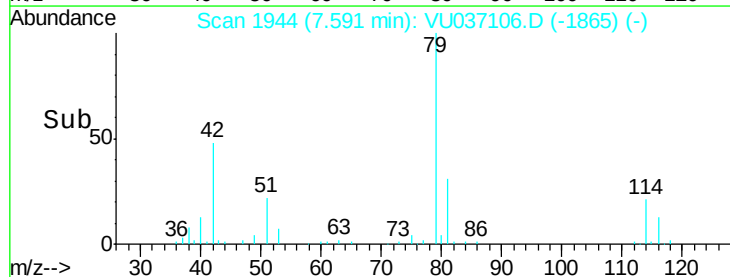
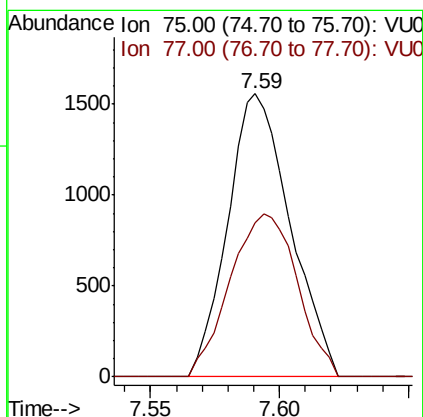
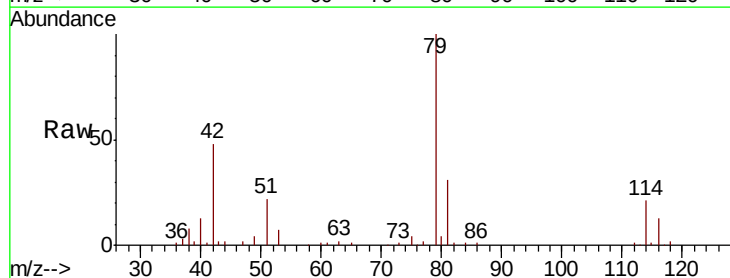
Instrument :
 MSVOA_U
 ClientSampled :

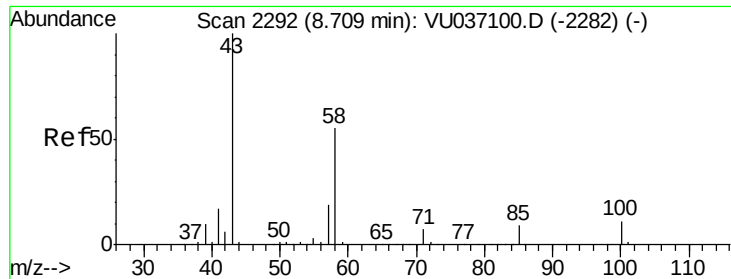
Tot Ion: 63 Resp: 12272
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.795 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037106.D
 Acq: 06 Mar 2020 13:59

Tgt Ion: 75 Resp: 2627
 Ion Ratio Lower Upper
 75 100
 77 54.3 22.0 41.0#

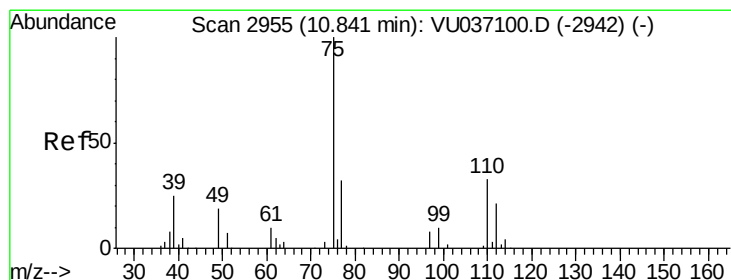
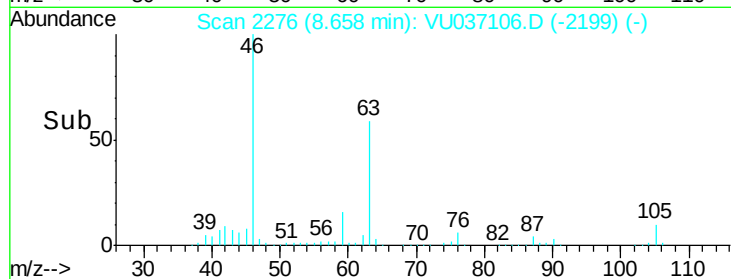
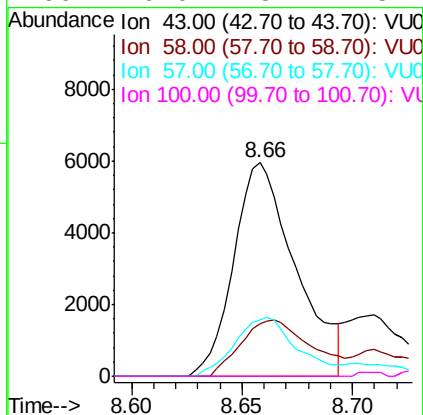
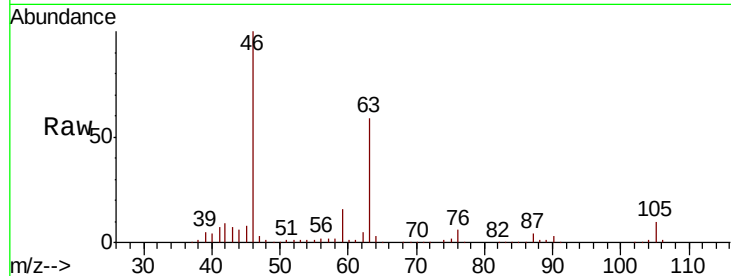




#48
 2-Hexanone
 Concen: 4.606 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU037106.D
 Acq: 06 Mar 2020 13:59

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 11618
 Ion Ratio Lower Upper
 43 100
 58 29.8 43.5 65.3#
 57 27.5 15.1 22.7#
 100 0.0 8.7 13.1#



#59
 1,2,3-Trichloropropane
 Concen: 4.918 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037106.D
 Acq: 06 Mar 2020 13:59

Tgt Ion: 75 Resp: 13571
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.2 39.2

