

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037095.D
 Acq On : 05 Mar 2020 19:57
 Operator : JC/MD
 Sample : L1784-12 500X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B00

Quant Time: Mar 05 22:40:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	241209	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	233024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	81565	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72158	35.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.24%
7) Chloroethane-d5	1.93	69	76091	45.40	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.59	63	103378	30.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.96%
21) 2-Butanone-d5	4.67	46	146605	107.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.90%
24) Chloroform-d	5.10	84	148556	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
26) 1,2-Dichloroethane-d4	5.74	65	106427	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.76	84	319204	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
36) 1,2-Dichloropropane-d6	6.72	67	107957	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.92	98	276523	44.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.46%
43) trans-1,3-Dichloropropene-	8.20	79	42104	41.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.00%
47) 2-Hexanone-d5	8.66	63	95659	89.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.61%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	153292	49.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	84424	52.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.90%

Target Compounds

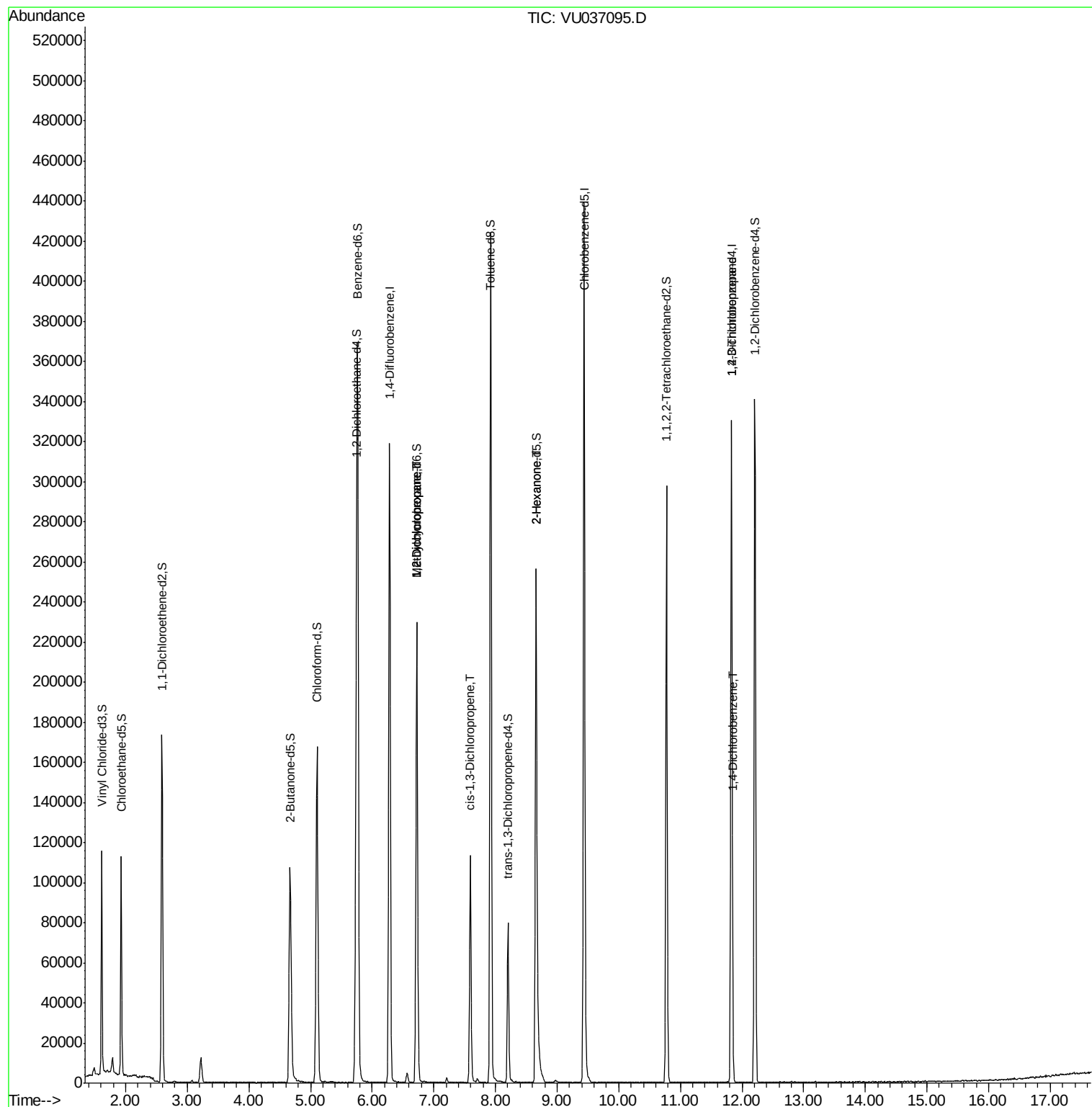
					Ovalue
35) Methylcyclohexane	6.72	83	24238	7.726 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11446	5.775 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3041	0.996 ug/L #	60
48) 2-Hexanone	8.66	43	11506	4.937 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	13281	5.208 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	2455	0.939 ug/L	96

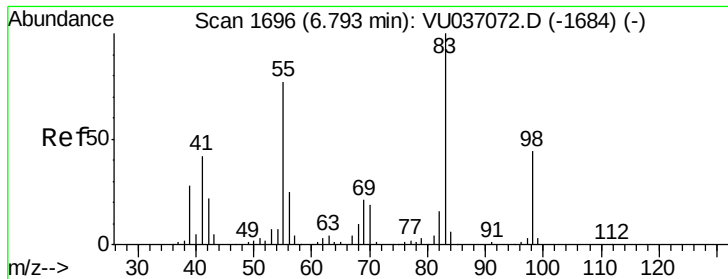
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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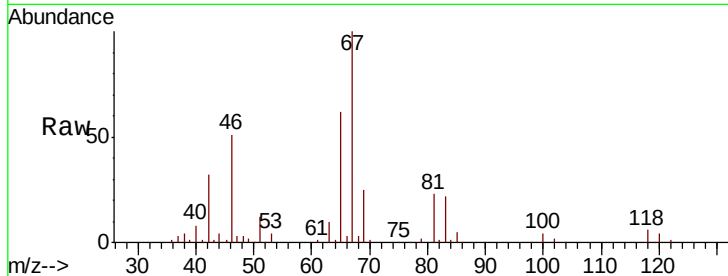




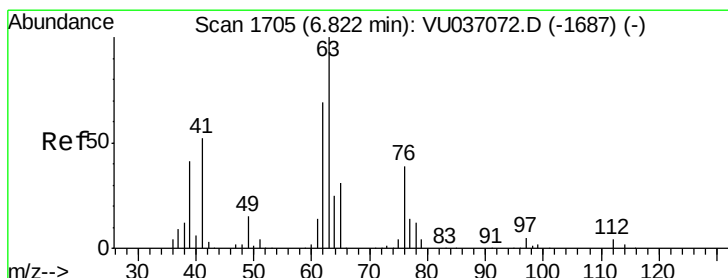
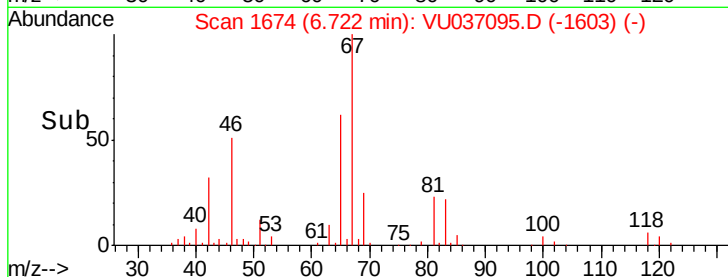
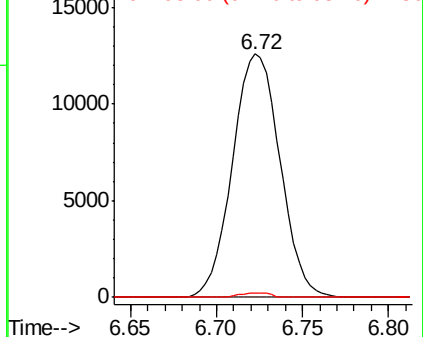
#35
Methylvlcyclohexane
Concen: 7.726 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037095.D
Acq: 05 Mar 2020 19:57

Instrument :
MSVOA_U
ClientSampleId :
C0B00

Tot Ion: 83 Resp: 24238
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.1 35.1 52.7#

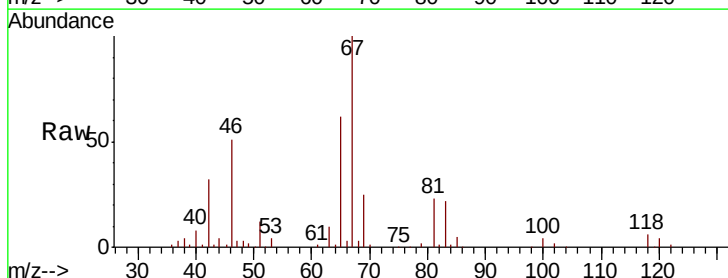


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

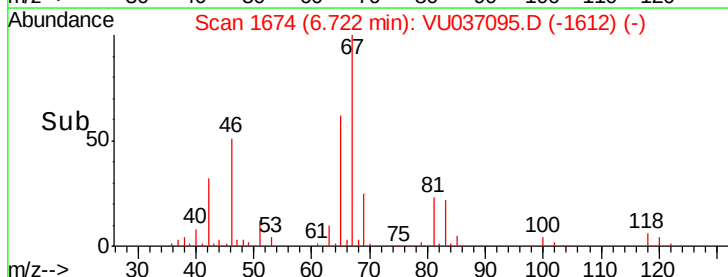
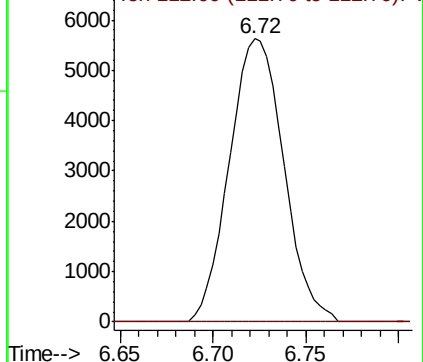


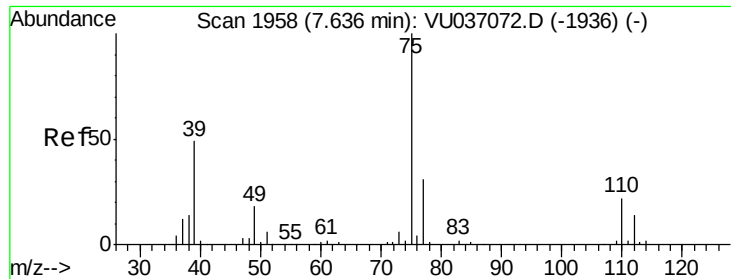
#37
1,2-Dichloropropane
Concen: 5.775 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037095.D
Acq: 05 Mar 2020 19:57

Tgt Ion: 63 Resp: 11446
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

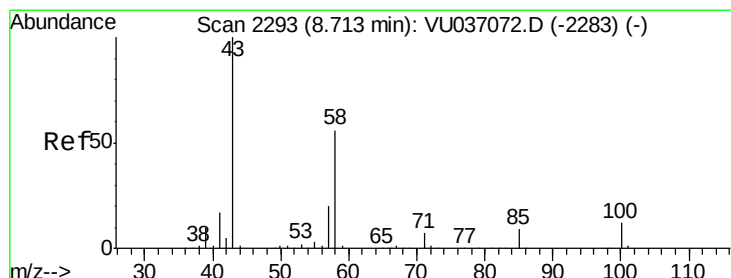
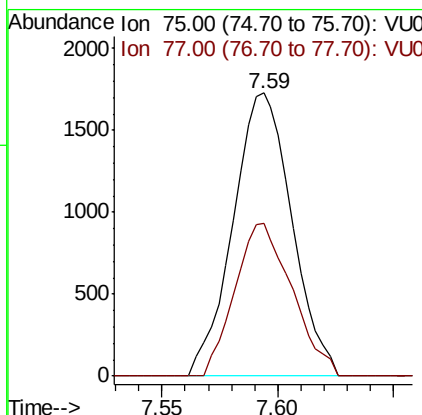
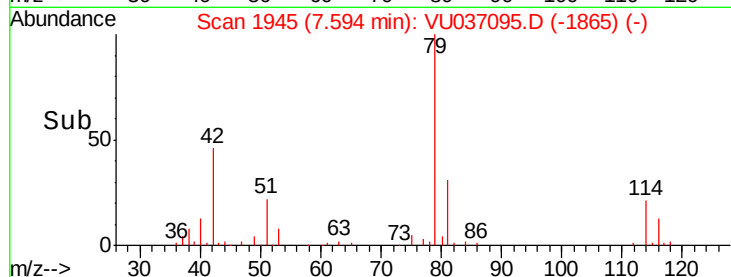
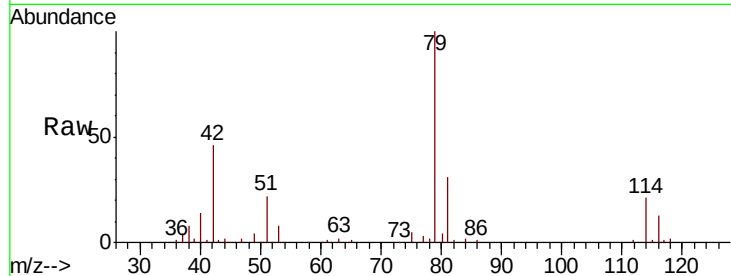




#39
 cis-1,3-Dichloropropene
 Concen: 0.996 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037095.D
 Acq: 05 Mar 2020 19:57

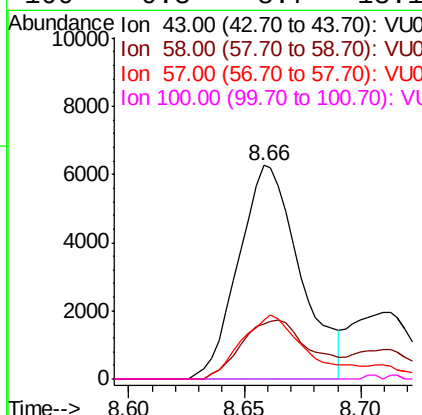
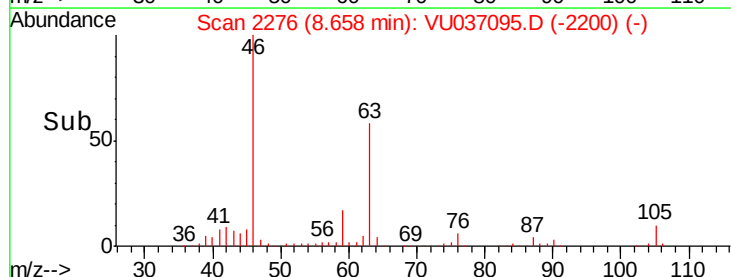
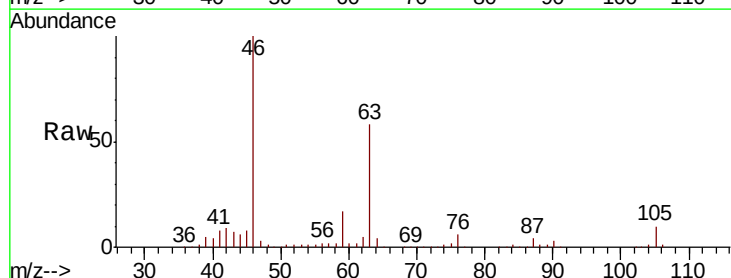
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B00

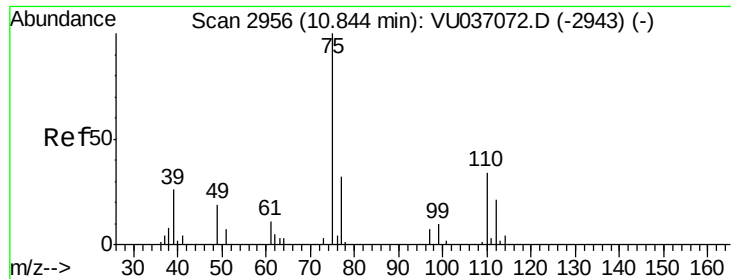
Tot Ion: 75 Resp: 3041
 Ion Ratio Lower Upper
 75 100
 77 53.8 22.0 41.0#



#48
 2-Hexanone
 Concen: 4.937 ug/L
 RT: 8.66 min Scan# 2276
 Delta R.T. -0.05 min
 Lab File: VU037095.D
 Acq: 05 Mar 2020 19:57

Tgt Ion: 43 Resp: 11506
 Ion Ratio Lower Upper
 43 100
 58 31.8 43.5 65.3#
 57 29.5 15.1 22.7#
 100 0.3 8.7 13.1#

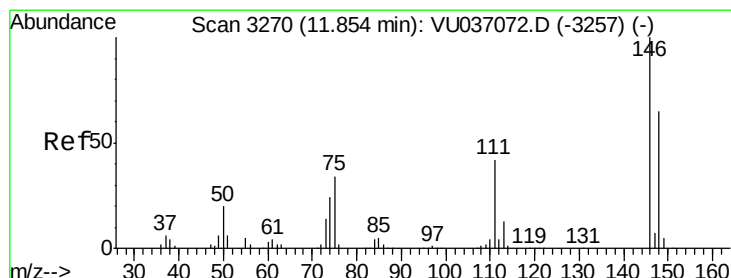
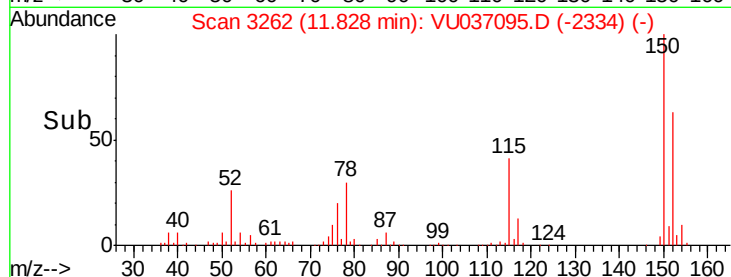
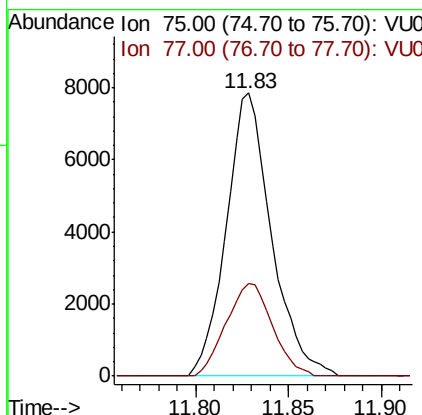
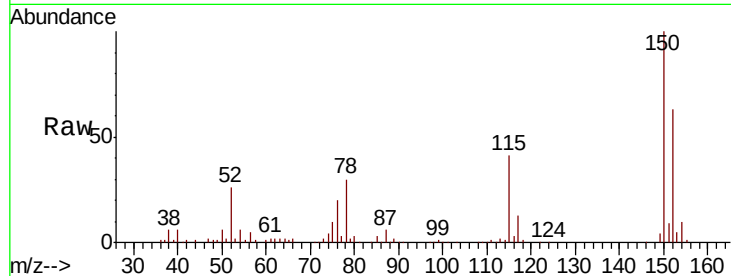




#59
 1,2,3-Trichloropropane
 Concen: 5.208 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037095.D
 Acq: 05 Mar 2020 19:57

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B00

Tot Ion: 75 Resp: 13281
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.2 39.2



#63
 1,4-Dichlorobenzene
 Concen: 0.939 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU037095.D
 Acq: 05 Mar 2020 19:57

Tgt Ion: 146 Resp: 2455
 Ion Ratio Lower Upper
 146 100
 111 44.5 29.8 55.4
 148 68.6 45.1 83.9

