

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037568.D
 Acq On : 03 Apr 2020 15:07
 Operator : JC/MD
 Sample : VW0403WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

Quant Time: Apr 04 05:24:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 05:18:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	176448	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	165907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	79168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	65136	45.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.90%
7) Chloroethane-d5	1.93	69	51656	44.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.72%
11) 1,1-Dichloroethene-d2	2.59	63	89667	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.44%
21) 2-Butanone-d5	4.66	46	108712	100.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.93%
24) Chloroform-d	5.11	84	113141	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.74	65	74349	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
32) Benzene-d6	5.76	84	229045	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
36) 1,2-Dichloropropane-d6	6.72	67	78050	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.92	98	209141	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	8.20	79	40012	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.08%
47) 2-Hexanone-d5	8.65	63	84187	98.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.20%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109919	47.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.04%
64) 1,2-Dichlorobenzene-d4	12.21	152	77339	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%

Target Compounds

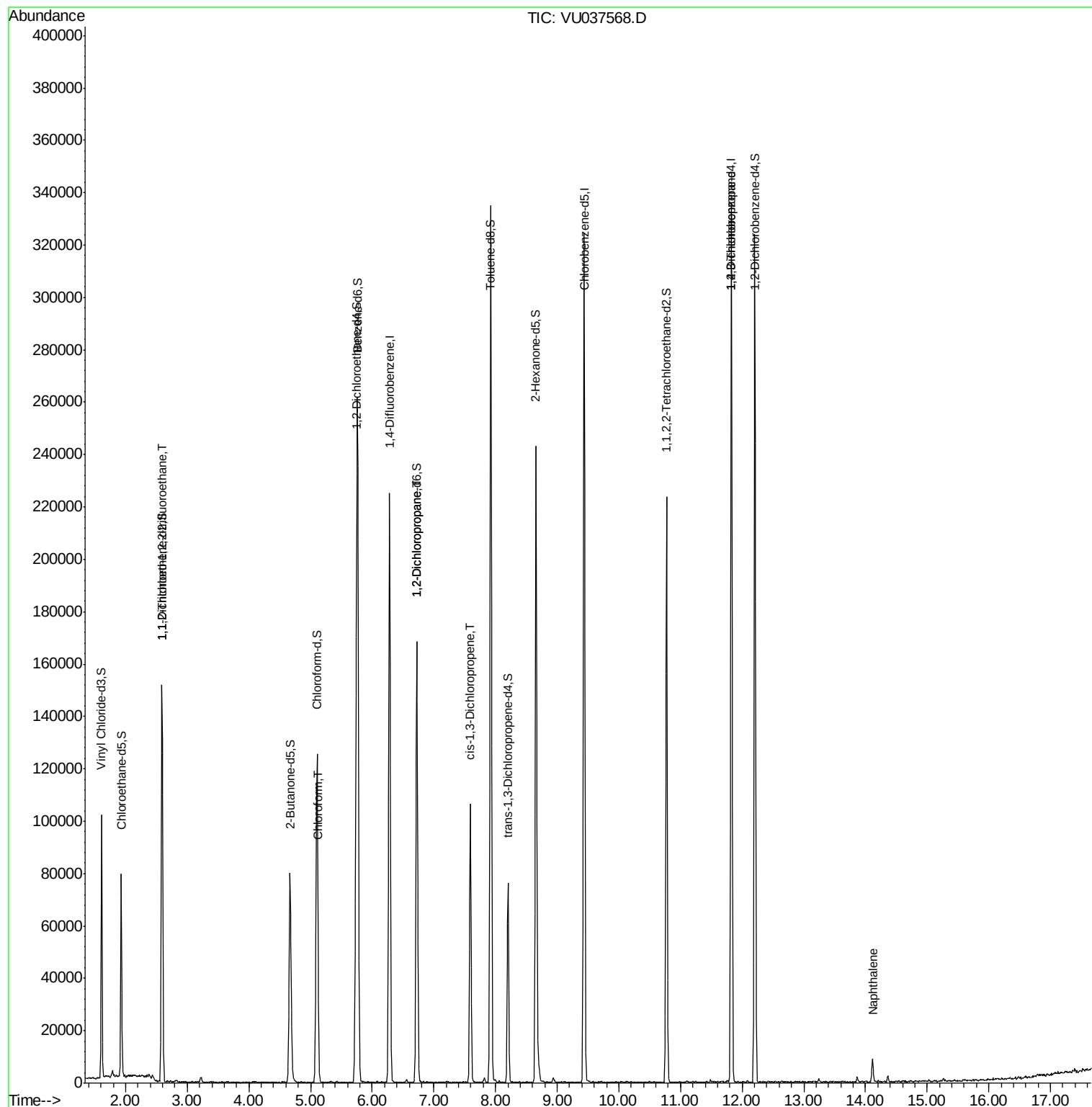
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	703	0.723 ug/L #	22
25) Chloroform	5.13	83	2522	1.215 ug/L	100
37) 1,2-Dichloropropane	6.72	63	8126	6.561 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2729	1.411 ug/L #	71
59) 1,2,3-Trichloropropane	11.83	75	11944	7.501 ug/L	93
69) Naphthalene	14.11	128	7319	1.142 ug/L #	84

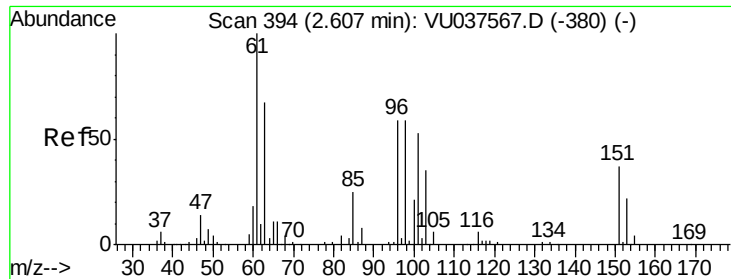
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 04 05:18:00 2020
Response via : Initial Calibration





#10

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

Concen: 0.723 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU037568.D

Acq: 03 Apr 2020 15:07

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VBLK46

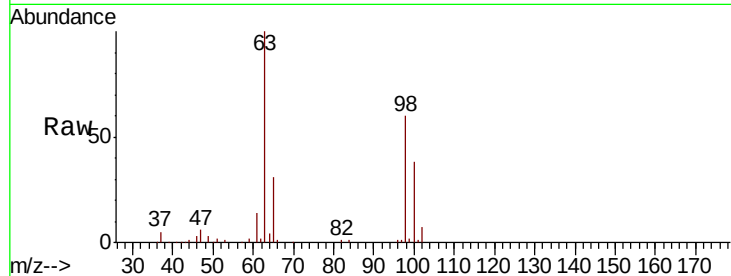
Tot Ion:101 Resp: 703

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

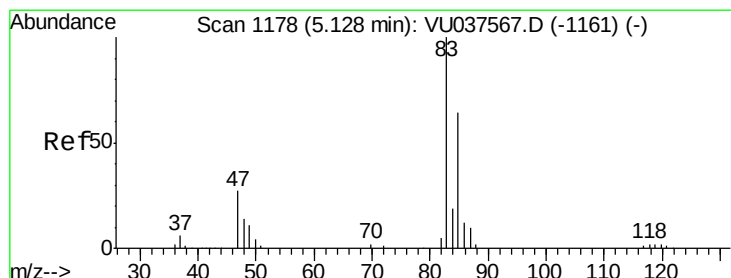
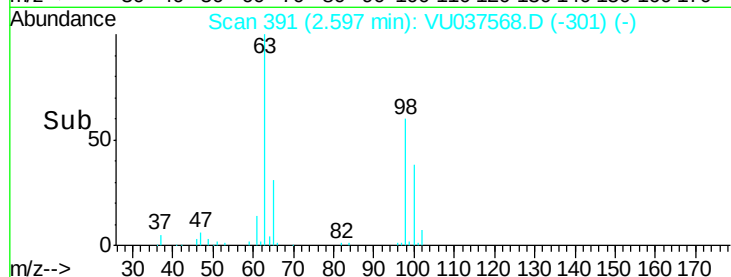
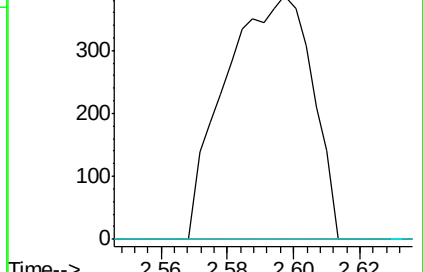
151 0.0 55.3 82.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.215 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

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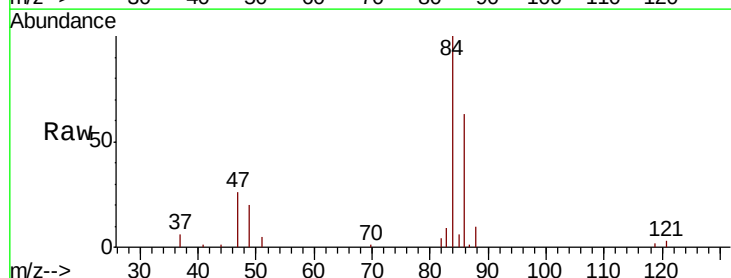
Acq: 03 Apr 2020 15:07

Tgt Ion: 83 Resp: 2522

Ion Ratio Lower Upper

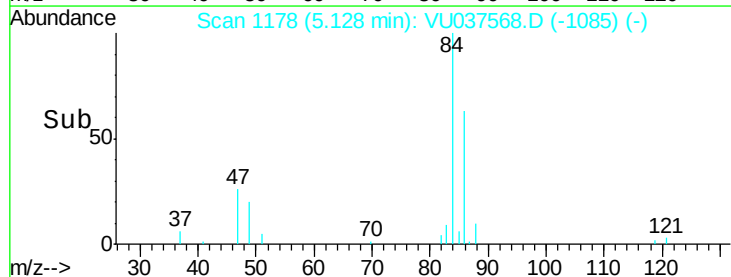
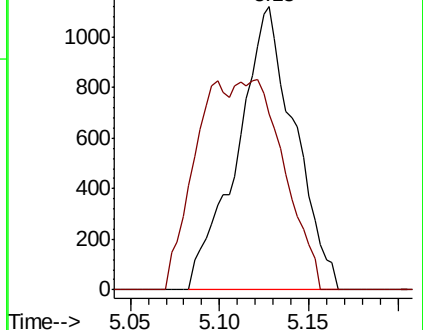
83 100

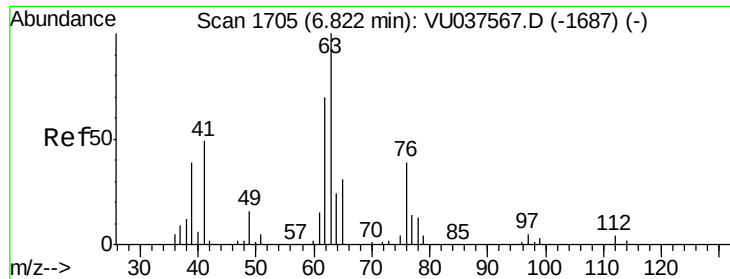
85 62.2 43.7 81.1



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

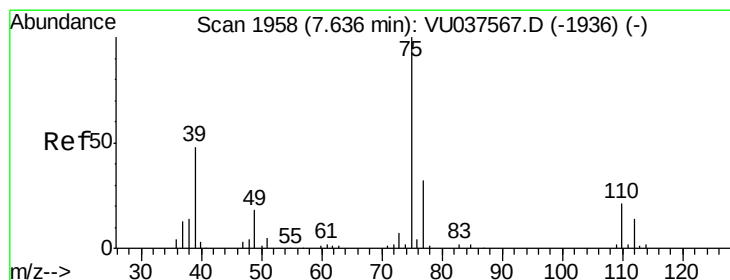
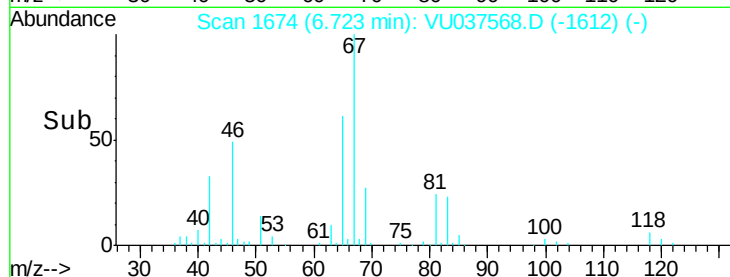
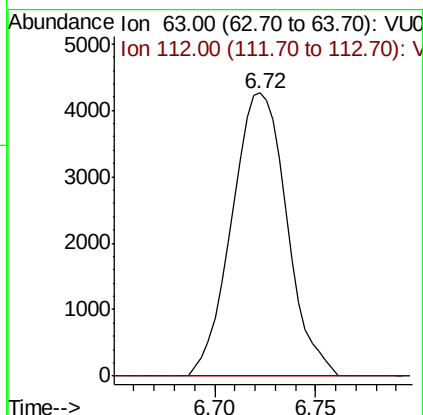
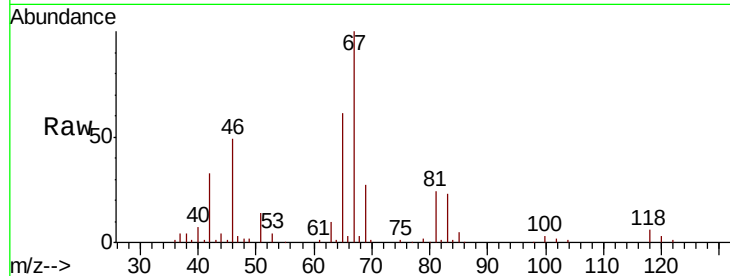




#37
 1,2-Dichloropropane
 Concen: 6.561 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037568.D
 Acq: 03 Apr 2020 15:07

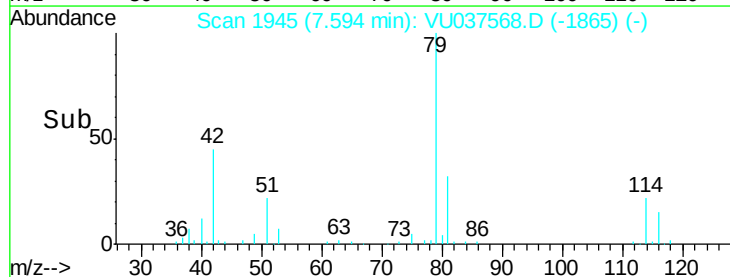
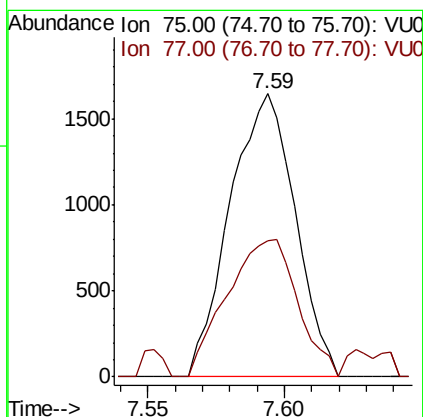
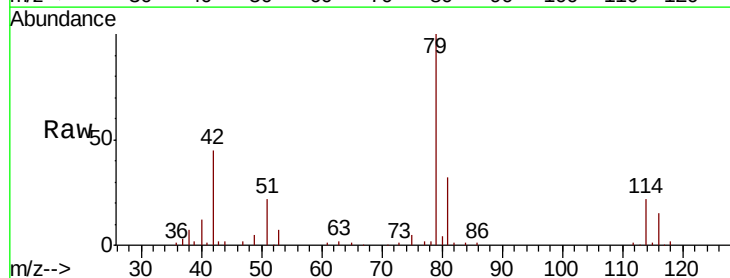
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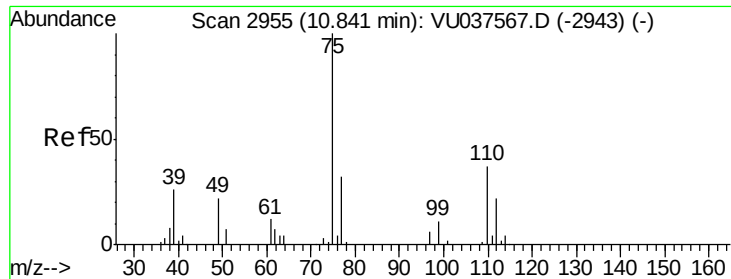
Tot Ion: 63 Resp: 8126
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.411 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037568.D
 Acq: 03 Apr 2020 15:07

Tgt Ion: 75 Resp: 2729
 Ion Ratio Lower Upper
 75 100
 77 48.3 22.5 41.7#

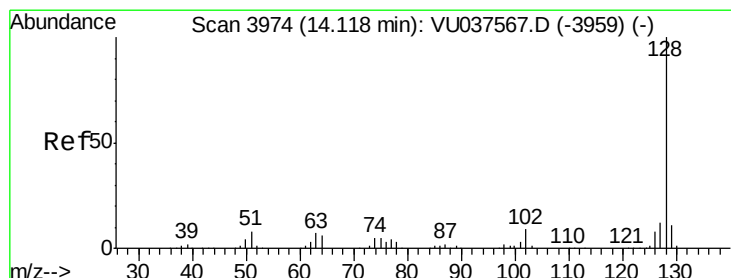
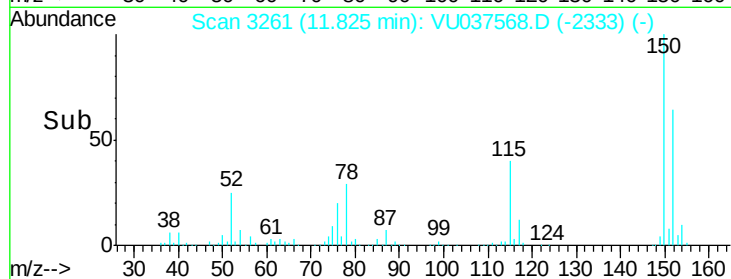
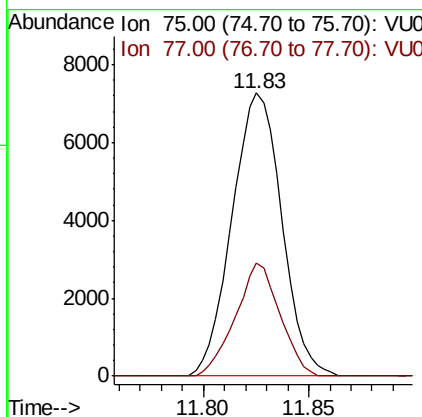
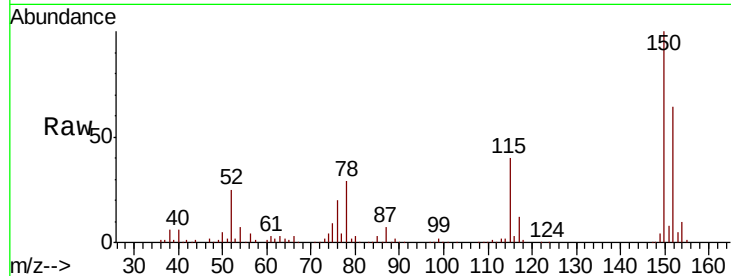




#59
 1,2,3-Trichloropropane
 Concen: 7.501 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037568.D
 Acq: 03 Apr 2020 15:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

Tot Ion: 75 Resp: 11944
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.5 38.3



#69
 Naphthalene
 Concen: 1.142 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.00 min
 Lab File: VU037568.D
 Acq: 03 Apr 2020 15:07

Tgt Ion: 128 Resp: 7319
 Ion Ratio Lower Upper
 128 100
 127 10.7 10.2 15.4
 129 0.0 8.5 12.7#

