

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037467.D
 Acq On : 30 Mar 2020 17:01
 Operator : JC/MD
 Sample : L2001-08RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 01:20:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 01:16:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	110524	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	104056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31329	3.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.80%
7) Chloroethane-d5	1.93	69	29418	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.59	63	49586	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.67	46	100807	45.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.66%
24) Chloroform-d	5.11	84	61840	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
26) 1,2-Dichloroethane-d4	5.74	65	39280	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	134699	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.73	67	44623	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.92	98	121704	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	19921	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.66	63	90823	48.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35735	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	45281	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

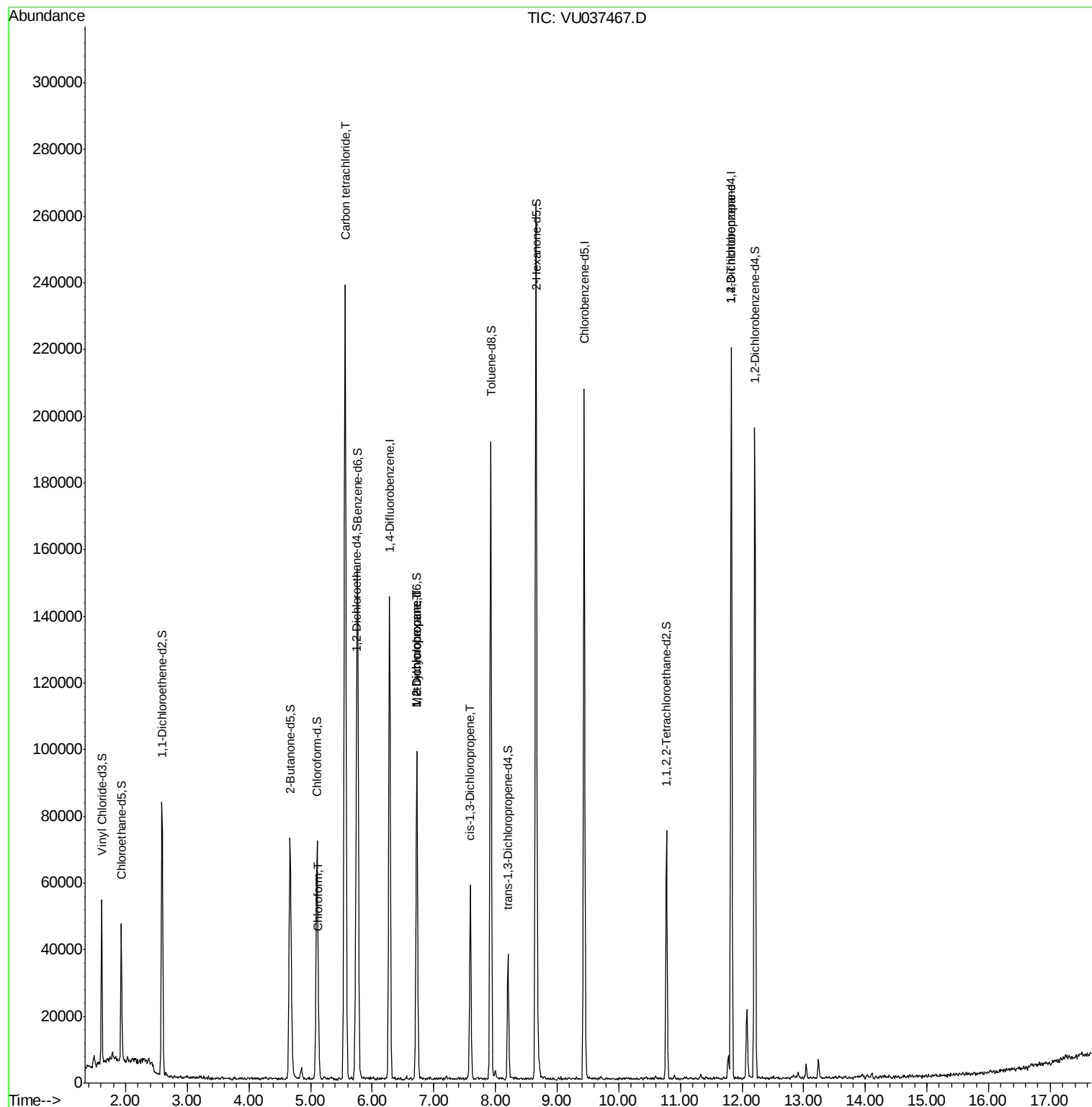
					Ovalue
25) Chloroform	5.13	83	6595	0.441 ug/L	87
31) Carbon tetrachloride	5.56	117	155868	13.803 ug/L	98
35) Methylcyclohexane	6.73	83	10578	0.762 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	5217	0.655 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1561	0.120 ug/L #	32
59) 1,2,3-Trichloropropane	11.83	75	7427	1.340 ug/L	90

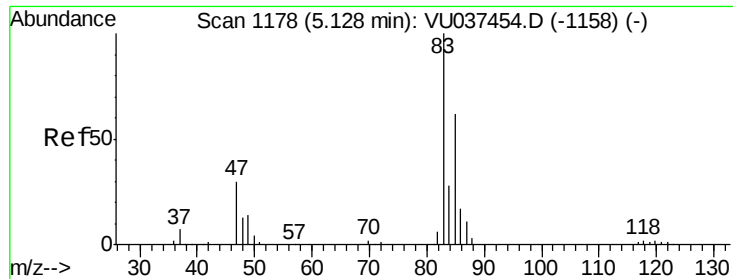
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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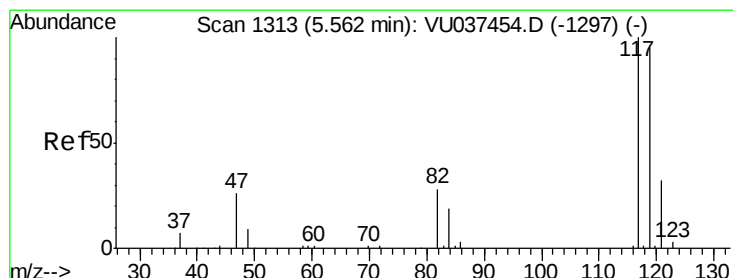
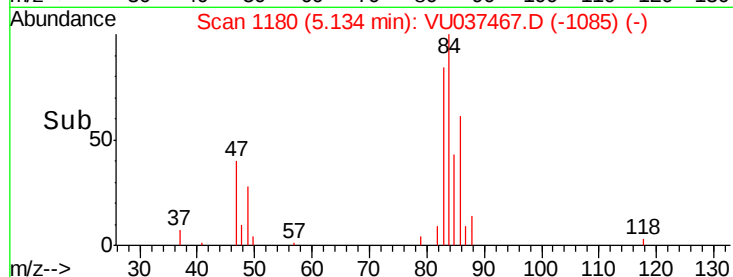
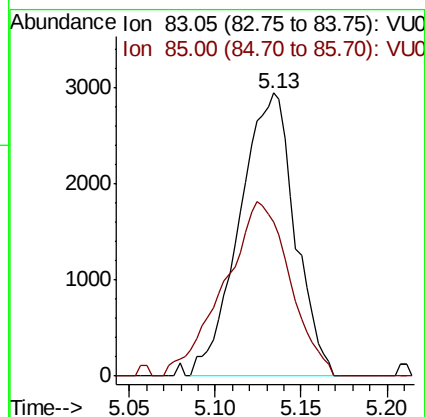
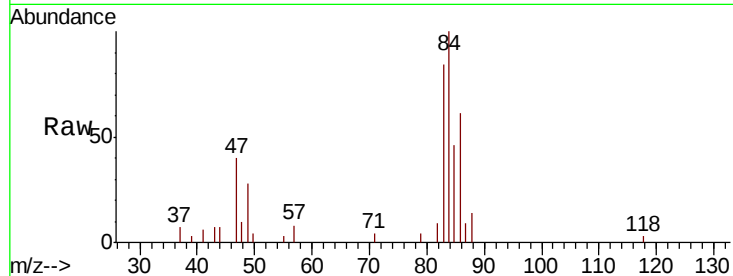




#25
Chloroform
Concen: 0.441 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VU037467.D
Acq: 30 Mar 2020 17:01

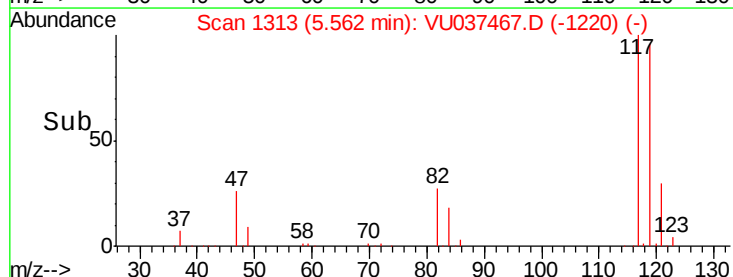
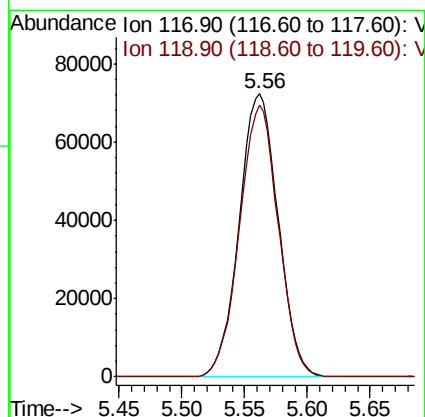
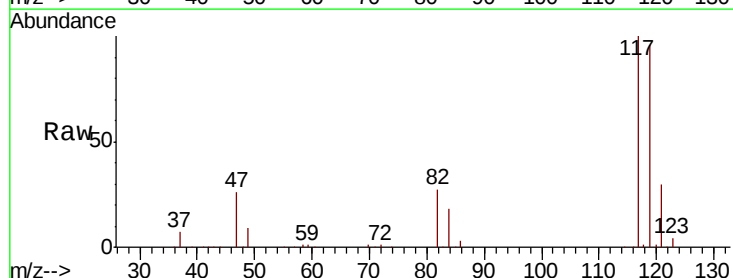
Instrument :
MSVOA_U
ClientSampleId :

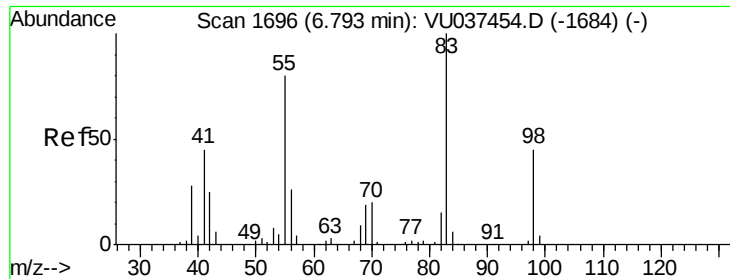
Tot Ion: 83 Resp: 6595
Ion Ratio Lower Upper
83 100
85 54.6 45.4 84.4



#31
Carbon tetrachloride
Concen: 13.803 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037467.D
Acq: 30 Mar 2020 17:01

Tgt Ion: 117 Resp: 155868
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5

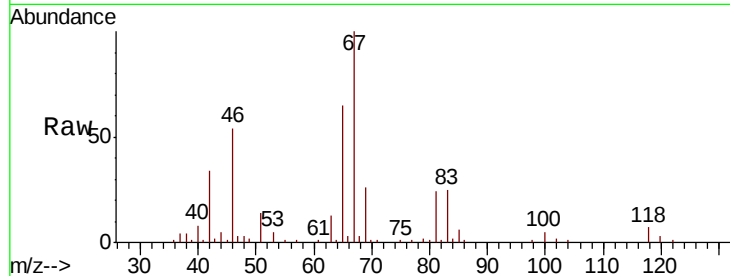




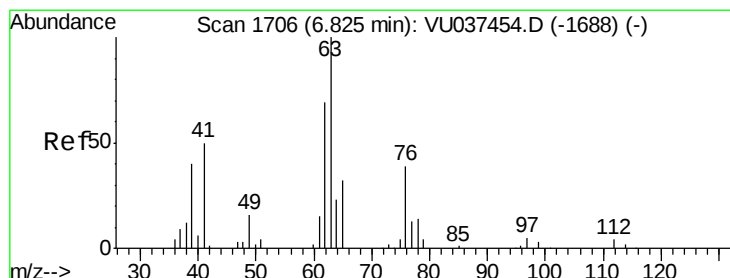
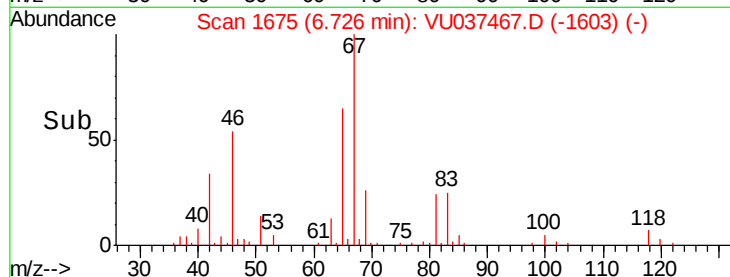
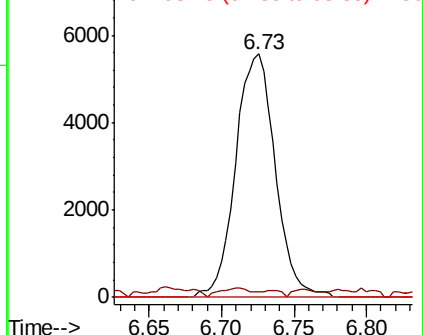
#35
Methvlcvclohexane
Concen: 0.762 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037467.D
Acq: 30 Mar 2020 17:01

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 10578
Ion Ratio Lower Upper
83 100
55 1.3 64.2 96.4#
98 0.0 36.3 54.5#

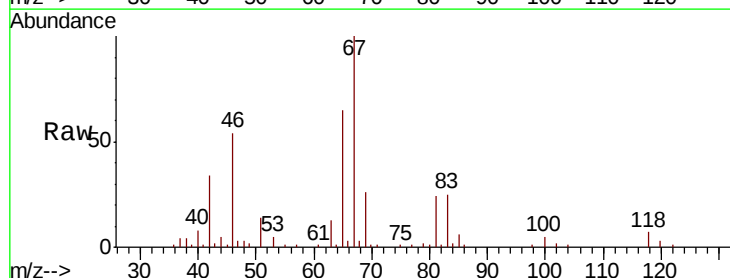


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

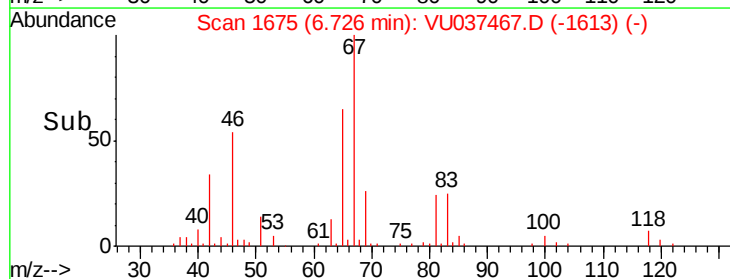
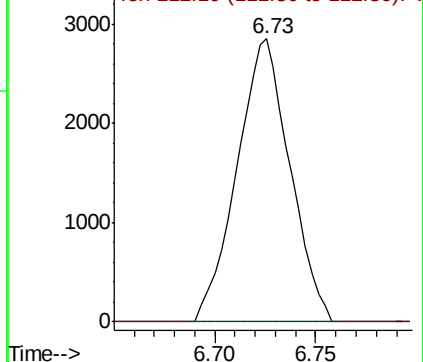


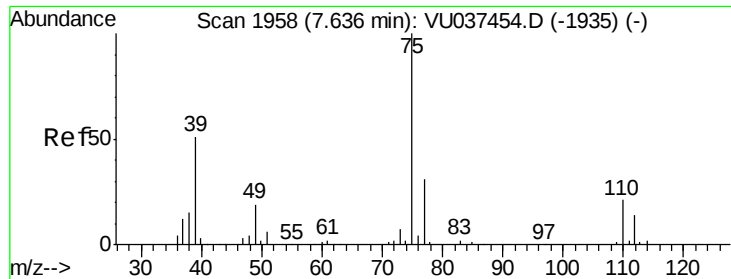
#37
1,2-Dichloropropane
Concen: 0.655 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037467.D
Acq: 30 Mar 2020 17:01

Tgt Ion: 63 Resp: 5217
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

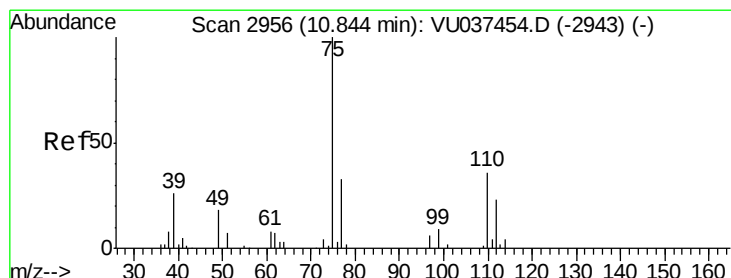
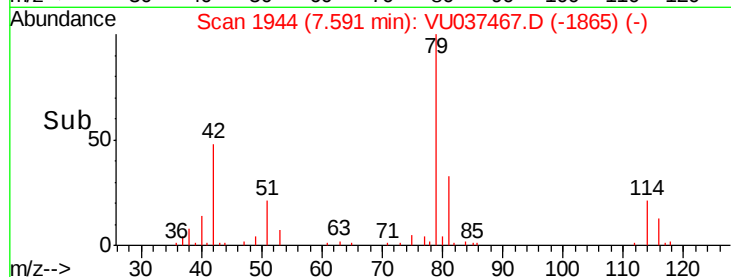
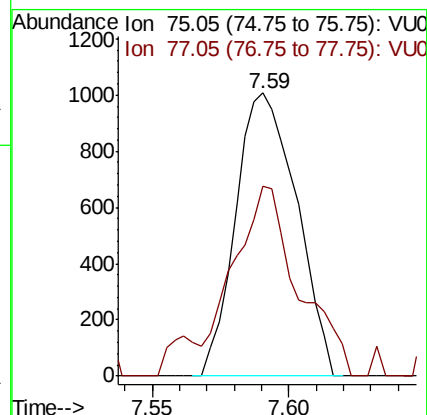
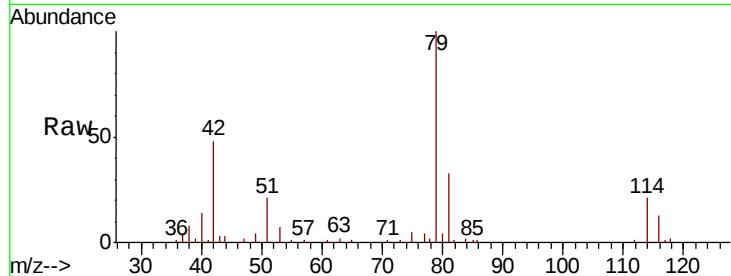




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037467.D
 Acq: 30 Mar 2020 17:01

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 1561
 Ion Ratio Lower Upper
 75 100
 77 67.0 21.1 39.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.340 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037467.D
 Acq: 30 Mar 2020 17:01

Tgt Ion: 75 Resp: 7427
 Ion Ratio Lower Upper
 75 100
 77 40.3 27.4 41.2

