

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037509.D
 Acq On : 31 Mar 2020 20:47
 Operator : JC/MD
 Sample : L2063-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 01 01:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	89021	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	83631	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	40085	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	22742	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.93	69	21387	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.59	63	33049	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	4.68	46	97986	48.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.84%
24) Chloroform-d	5.10	84	50813	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.74	65	28354	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.76	84	95186	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	6.72	67	33906	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.92	98	82009	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.20	79	14451	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.66	63	82156	49.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.06%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	29445	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	30994	3.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.80%#

Target Compounds

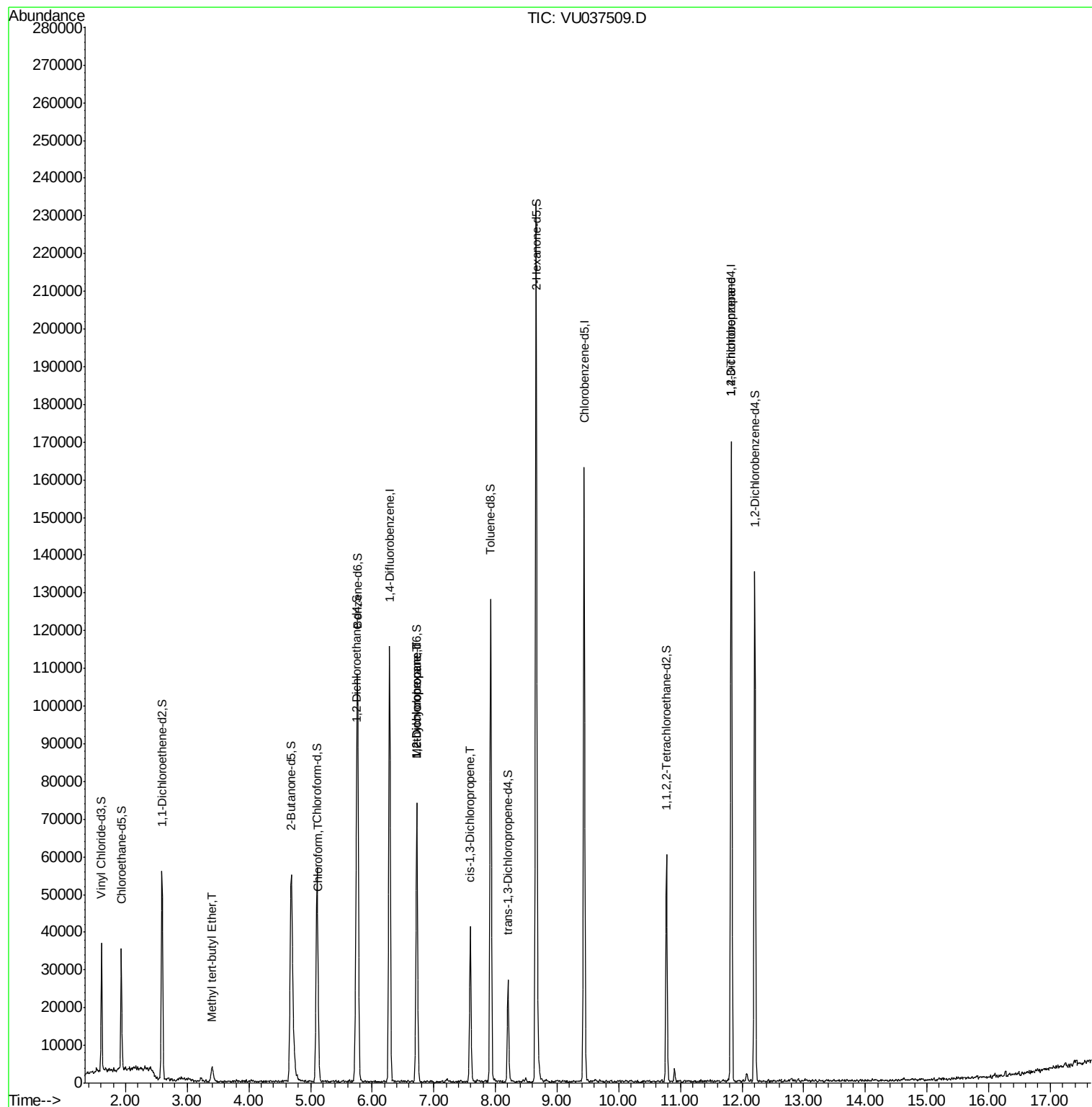
					Ovalue
17) Methyl tert-butyl Ether	3.41	73	4431	0.269 ug/L #	85
25) Chloroform	5.13	83	4933	0.414 ug/L	87
35) Methylcyclohexane	6.72	83	7912	0.697 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	3801	0.550 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1183	0.110 ug/L #	52
59) 1,2,3-Trichloropropane	11.83	75	6344	1.336 ug/L	96

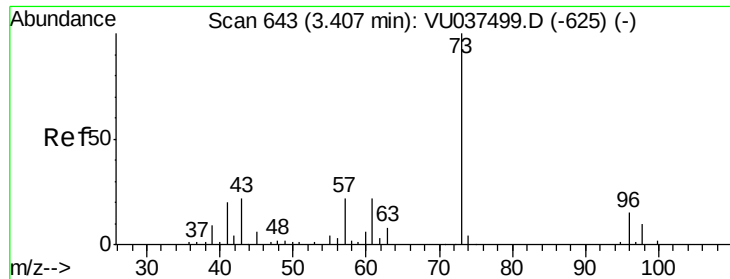
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 01 01:25:39 2020
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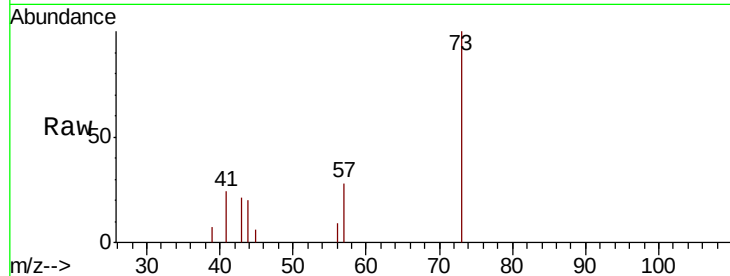




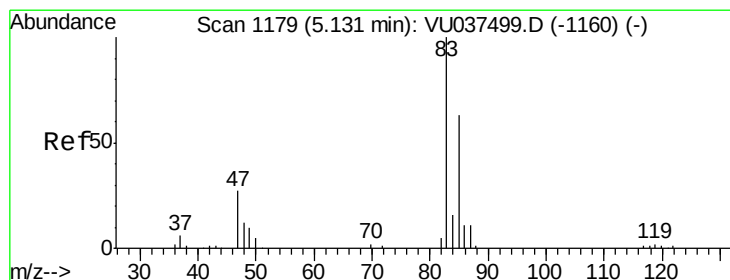
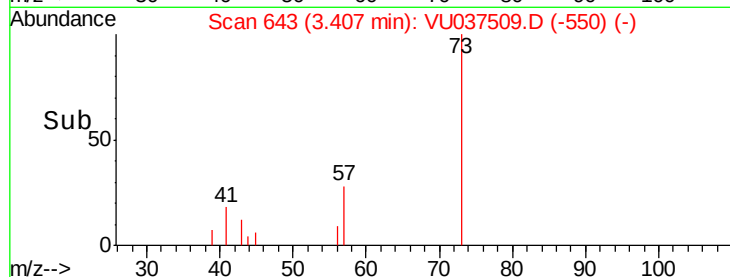
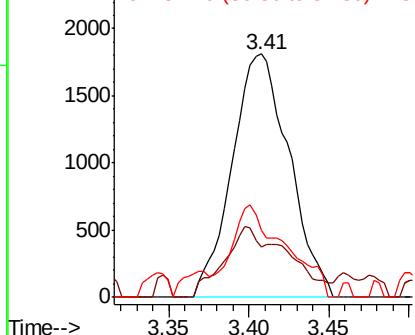
#17
Methyl tert-butyl Ether
Concen: 0.269 ug/L
RT: 3.41 min Scan# 643
Delta R.T. 0.00 min
Lab File: VU037509.D
Acq: 31 Mar 2020 20:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 73 Resp: 4431
Ion Ratio Lower Upper
73 100
43 19.5 17.4 26.2
57 36.0 19.3 28.9#

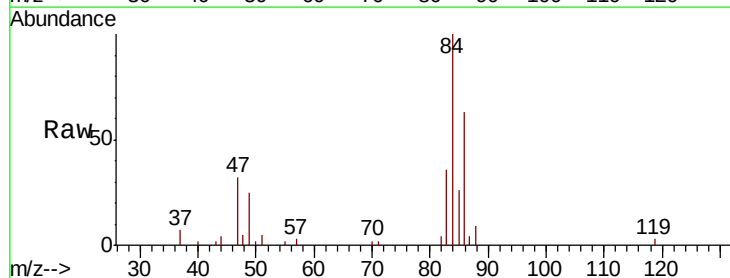


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

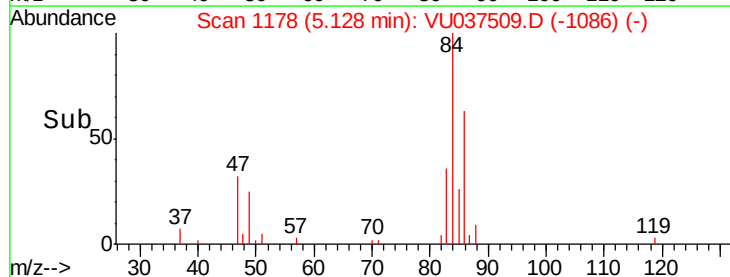
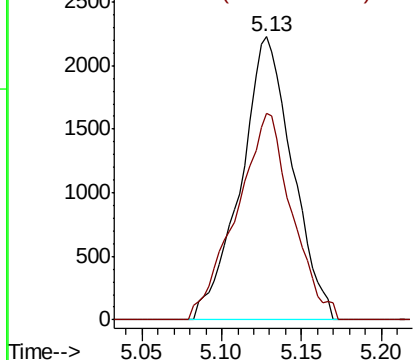


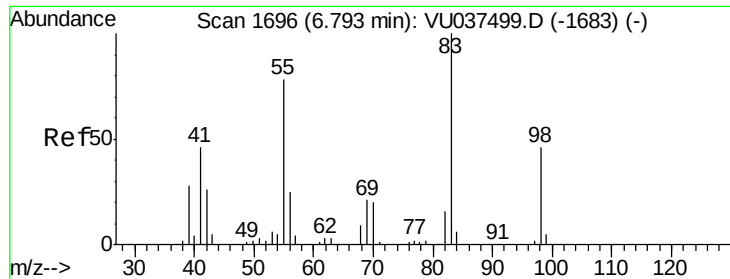
#25
Chloroform
Concen: 0.414 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037509.D
Acq: 31 Mar 2020 20:47

Tgt Ion: 83 Resp: 4933
Ion Ratio Lower Upper
83 100
85 72.8 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

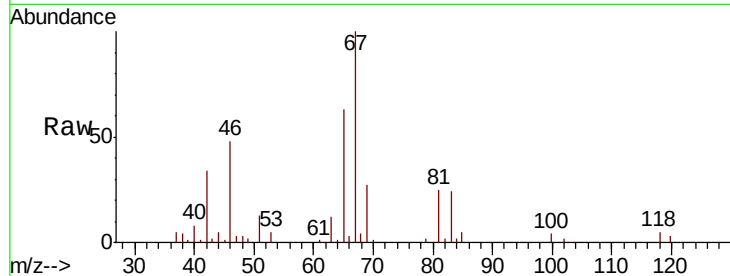




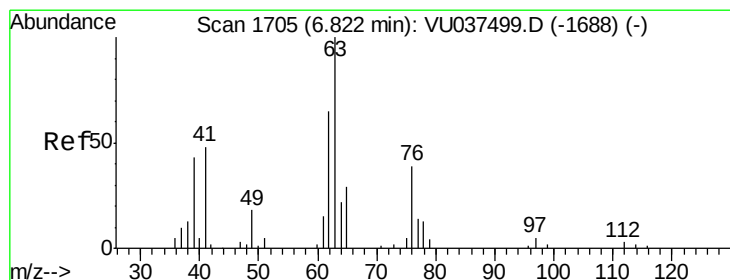
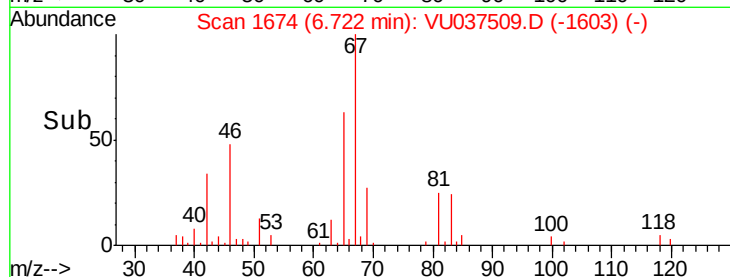
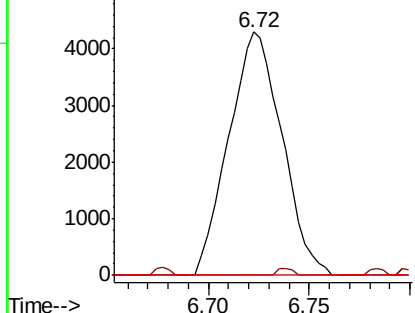
#35
Methylvlcyclohexane
Concen: 0.697 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037509.D
Acq: 31 Mar 2020 20:47

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83	Resp	7912
Ion Ratio	100	Lower	Upper
55	0.8	64.4	96.6#
98	0.0	38.2	57.2#

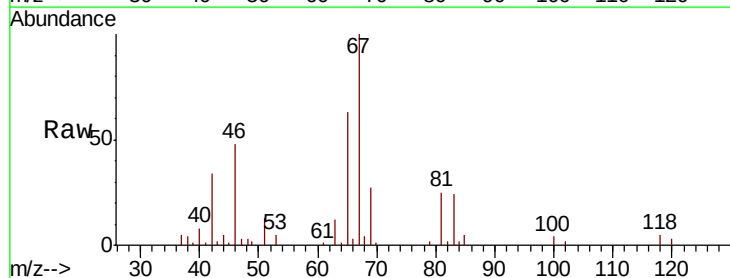


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

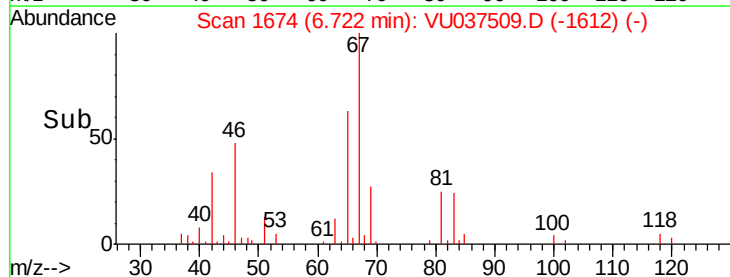
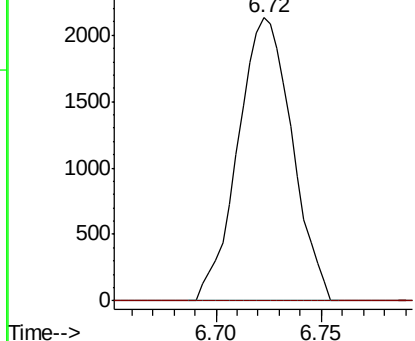


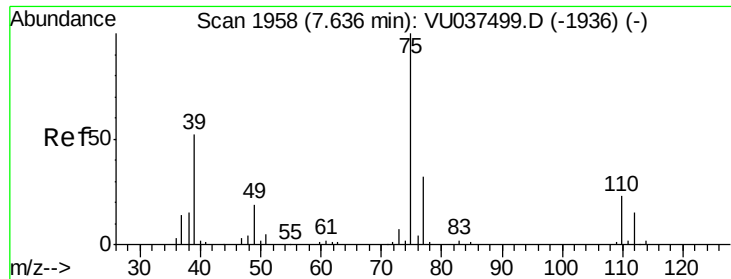
#37
1,2-Dichloropropane
Concen: 0.550 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037509.D
Acq: 31 Mar 2020 20:47

Tgt Ion	63	Resp	3801
Ion Ratio	100	Lower	Upper
112	0.0	2.8	4.2#



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



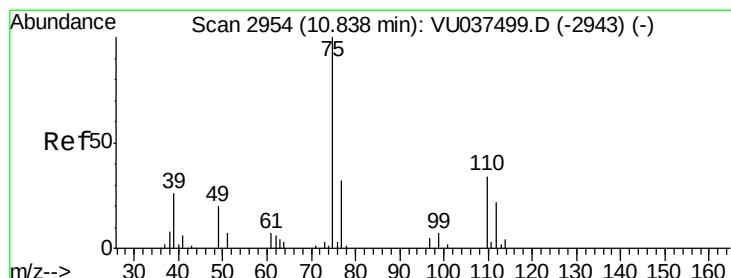
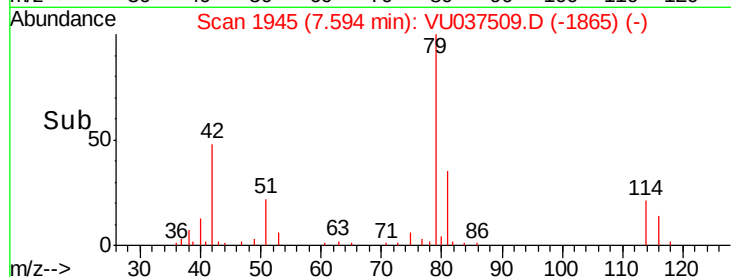
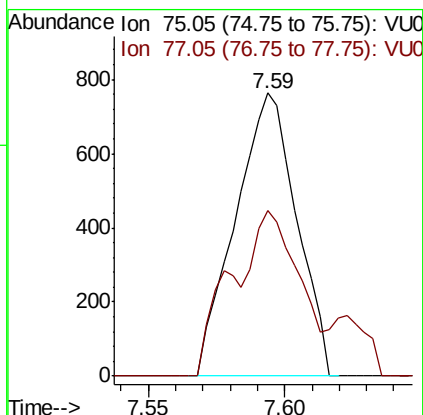
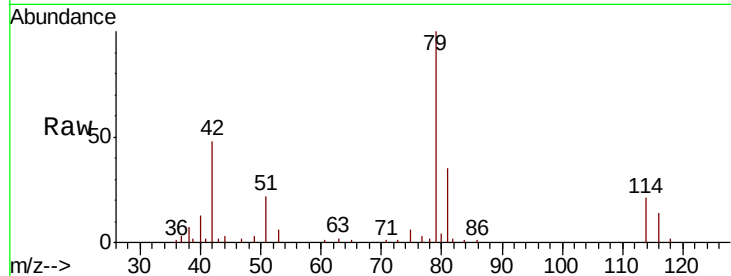


#39

cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037509.D
 Acq: 31 Mar 2020 20:47

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 1183
 Ion Ratio Lower Upper
 75 100
 77 58.7 22.4 41.6#



#59

1,2,3-Trichloropropane
 Concen: 1.336 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU037509.D
 Acq: 31 Mar 2020 20:47

Tgt Ion: 75 Resp: 6344
 Ion Ratio Lower Upper
 75 100
 77 34.7 26.2 39.2

