

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037113.D
 Acq On : 06 Mar 2020 16:39
 Operator : JC/MD
 Sample : L1784-13 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:03:33 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	261346	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248408	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	87768	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89937	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.96%
7) Chloroethane-d5	1.93	69	83402	45.93	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.86%
11) 1,1-Dichloroethene-d2	2.59	63	118135	32.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.28%
21) 2-Butanone-d5	4.67	46	134834	91.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.59%
24) Chloroform-d	5.10	84	150326	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
26) 1,2-Dichloroethane-d4	5.74	65	103212	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
32) Benzene-d6	5.76	84	324727	45.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.72	67	107783	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.92	98	287820	43.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.38%
43) trans-1,3-Dichloropropene-	8.20	79	43402	40.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.26%
47) 2-Hexanone-d5	8.66	63	88067	77.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.39%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	144872	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	80736	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%

Target Compounds

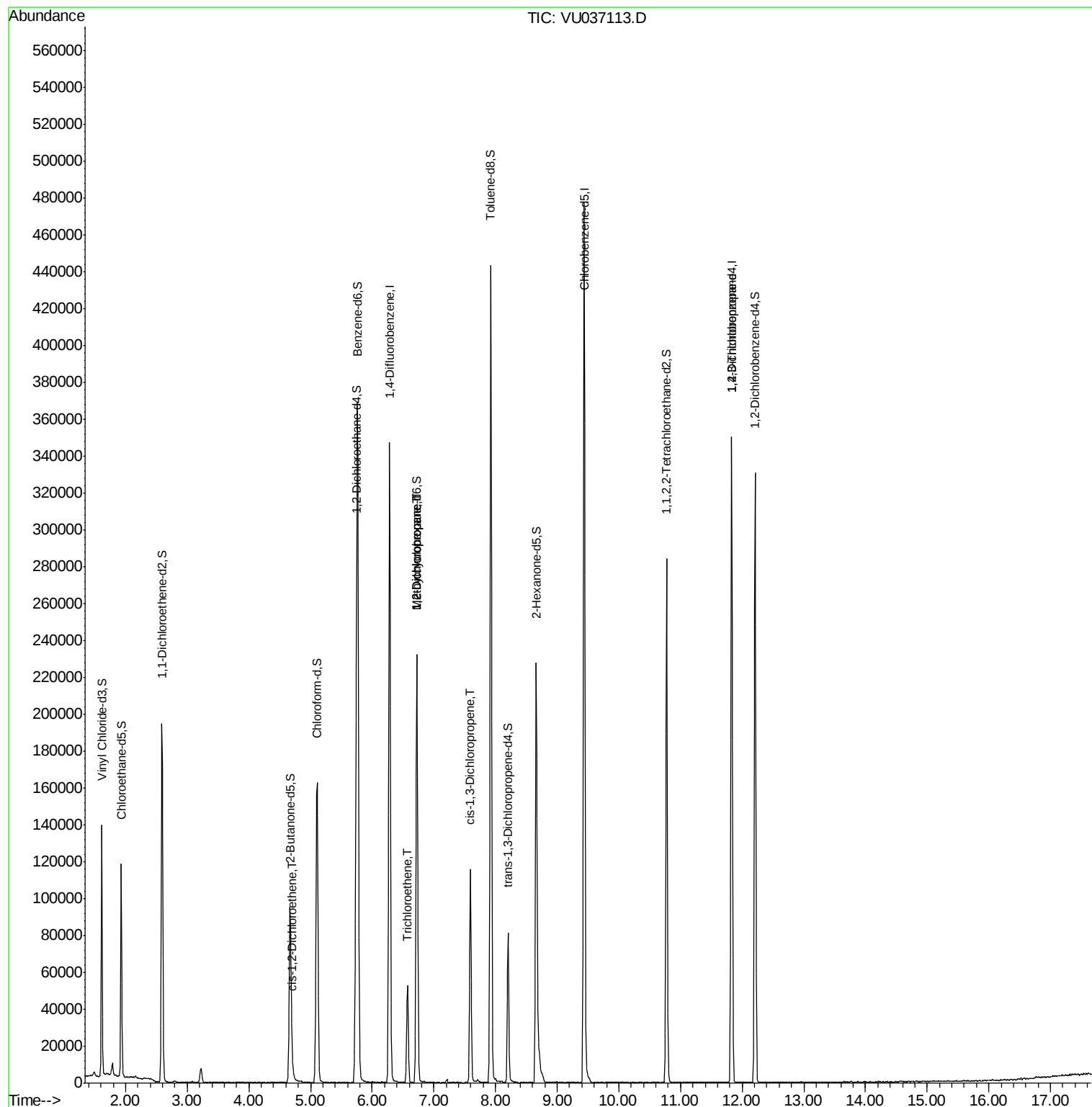
					Ovalue
20) cis-1,2-Dichloroethene	4.71	96	1574	0.776 ug/L	90
34) Trichloroethene	6.57	95	17968	9.316 ug/L	97
35) Methylcyclohexane	6.72	83	23259	6.955 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	11829	5.598 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2694	0.828 ug/L #	54
59) 1,2,3-Trichloropropane	11.83	75	13671	5.029 ug/L	94

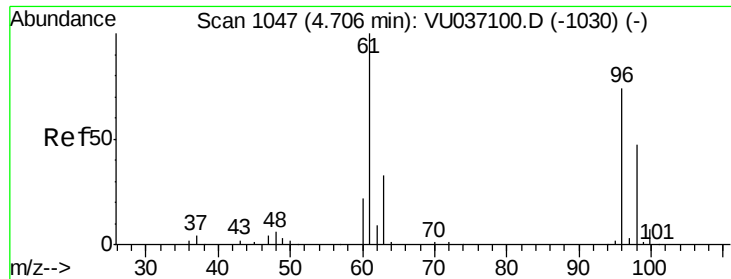
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 06 23:54:55 2020
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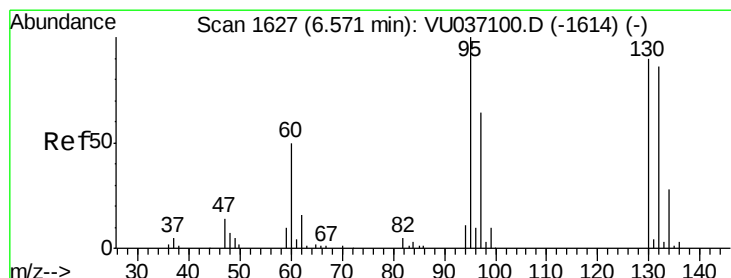
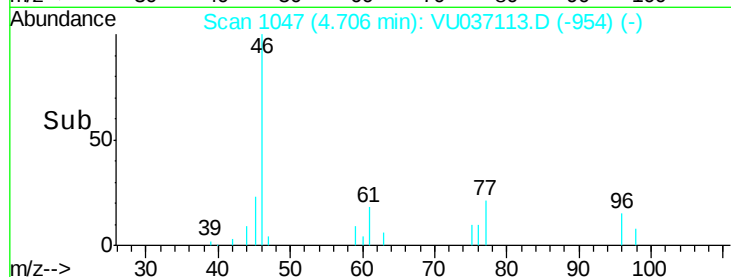
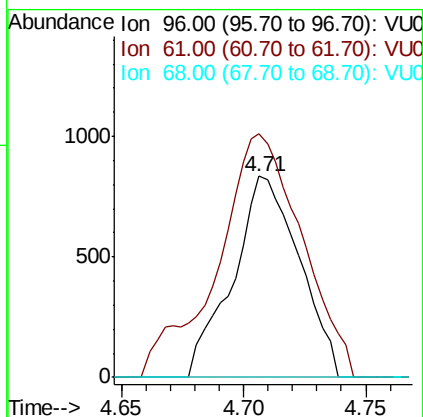
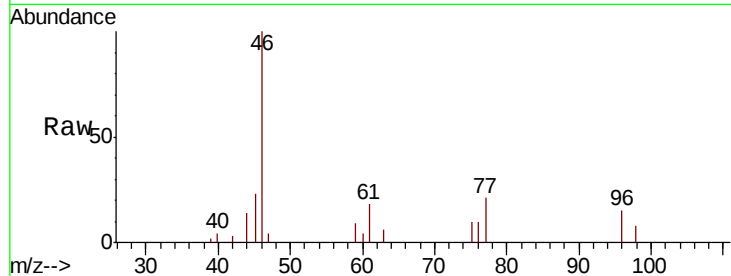




#20
 cis-1,2-Dichloroethene
 Concen: 0.776 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU037113.D
 Acq: 06 Mar 2020 16:39

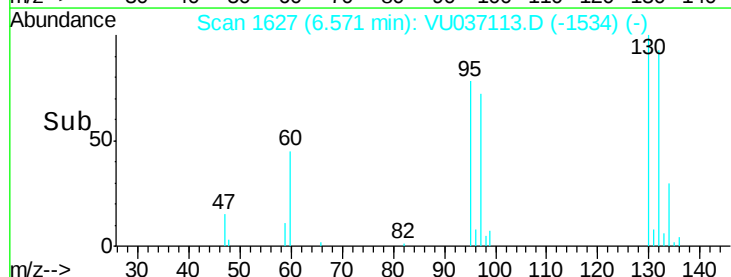
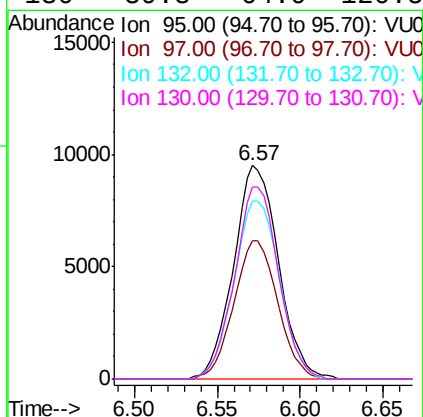
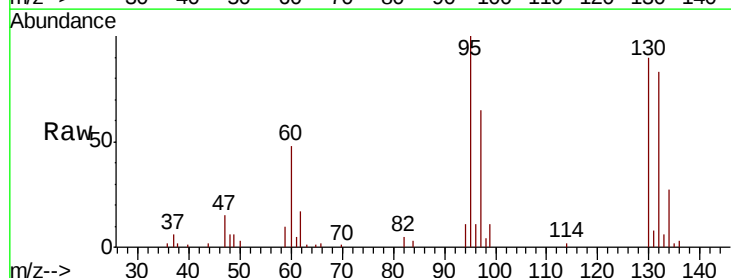
Instrument :
 MSVOA_U
 ClientSampled :

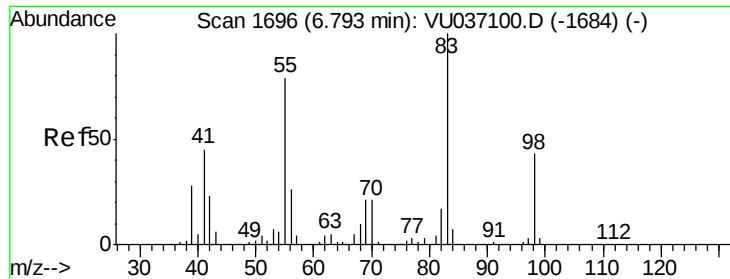
Tot Ion: 96 Resp: 1574
 Ion Ratio Lower Upper
 96 100
 61 121.2 93.1 172.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 9.316 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU037113.D
 Acq: 06 Mar 2020 16:39

Tgt Ion: 95 Resp: 17968
 Ion Ratio Lower Upper
 95 100
 97 64.9 44.1 81.9
 132 83.5 60.6 112.6
 130 89.8 64.9 120.5

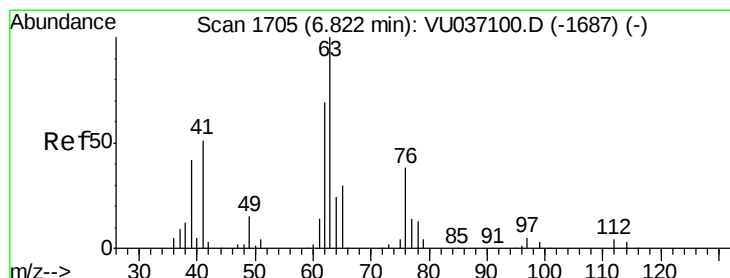
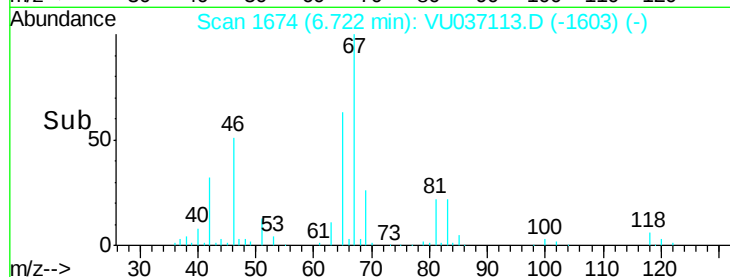
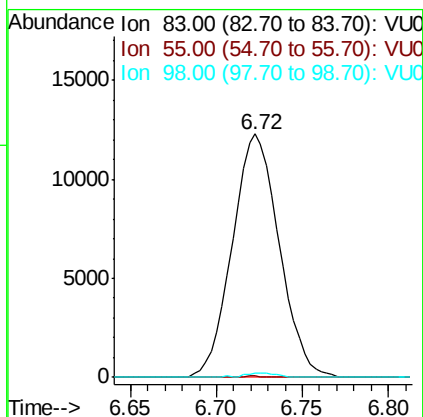
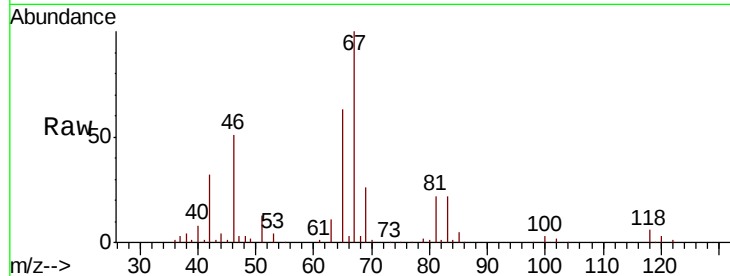




#35
Methvlcvclohexane
Concen: 6.955 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037113.D
Acq: 06 Mar 2020 16:39

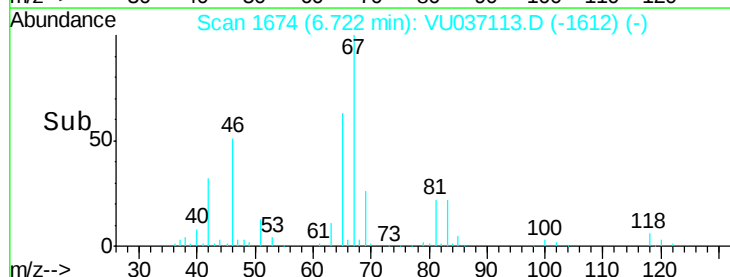
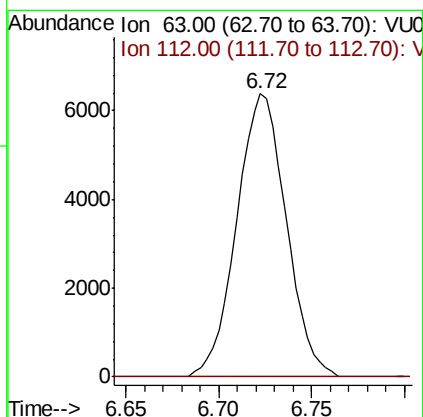
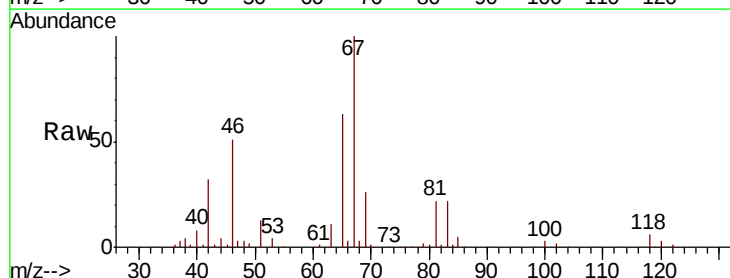
Instrument :
MSVOA_U
ClientSampleId :

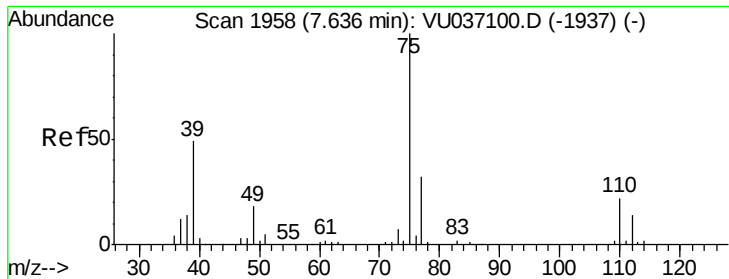
Tot Ion: 83 Resp: 23259
Ion Ratio Lower Upper
83 100
55 0.2 62.6 93.8#
98 1.1 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 5.598 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037113.D
Acq: 06 Mar 2020 16:39

Tgt Ion: 63 Resp: 11829
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



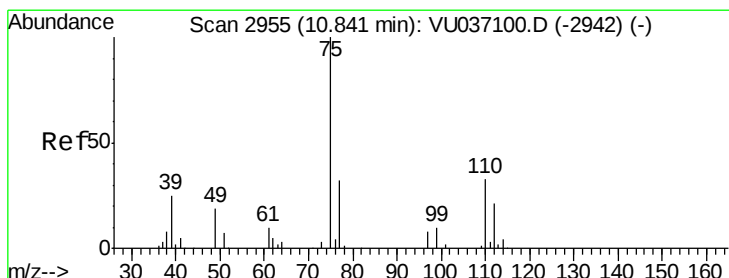
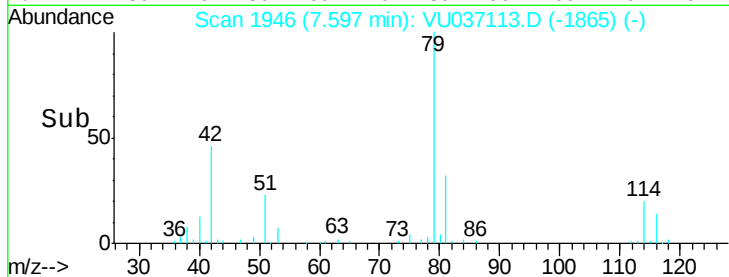
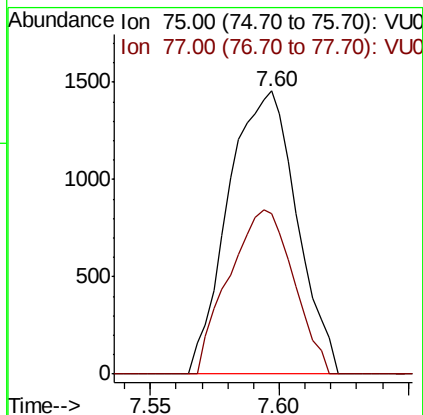
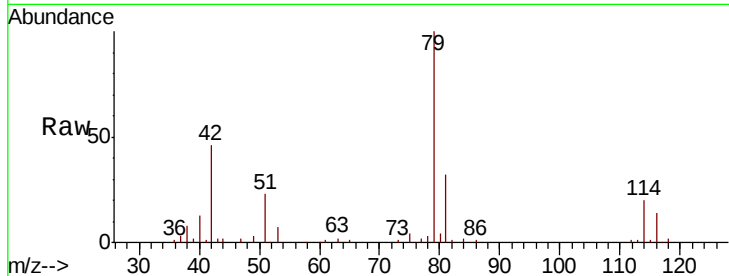


#39

cis-1,3-Dichloropropene
 Concen: 0.828 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU037113.D
 Acq: 06 Mar 2020 16:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2694
 Ion Ratio Lower Upper
 75 100
 77 56.8 22.0 41.0#



#59

1,2,3-Trichloropropane
 Concen: 5.029 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037113.D
 Acq: 06 Mar 2020 16:39

Tgt Ion: 75 Resp: 13671
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.2 39.2

