

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030620\
 Data File : VU037114.D
 Acq On : 06 Mar 2020 17:02
 Operator : JC/MD
 Sample : L1784-14DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 07 00:03:41 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	257225	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	244209	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85664	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	88916	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.32%
7) Chloroethane-d5	1.93	69	83059	46.47	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.94%
11) 1,1-Dichloroethene-d2	2.59	63	118264	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	4.67	46	138824	95.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.81%
24) Chloroform-d	5.11	84	152552	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.74	65	104509	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
32) Benzene-d6	5.76	84	329562	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
36) 1,2-Dichloropropane-d6	6.72	67	108007	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.42%
41) Toluene-d8	7.92	98	288487	44.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.06%
43) trans-1,3-Dichloropropene-	8.20	79	43413	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.66%
47) 2-Hexanone-d5	8.66	63	92495	82.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	148054	45.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	81406	48.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.22%

Target Compounds

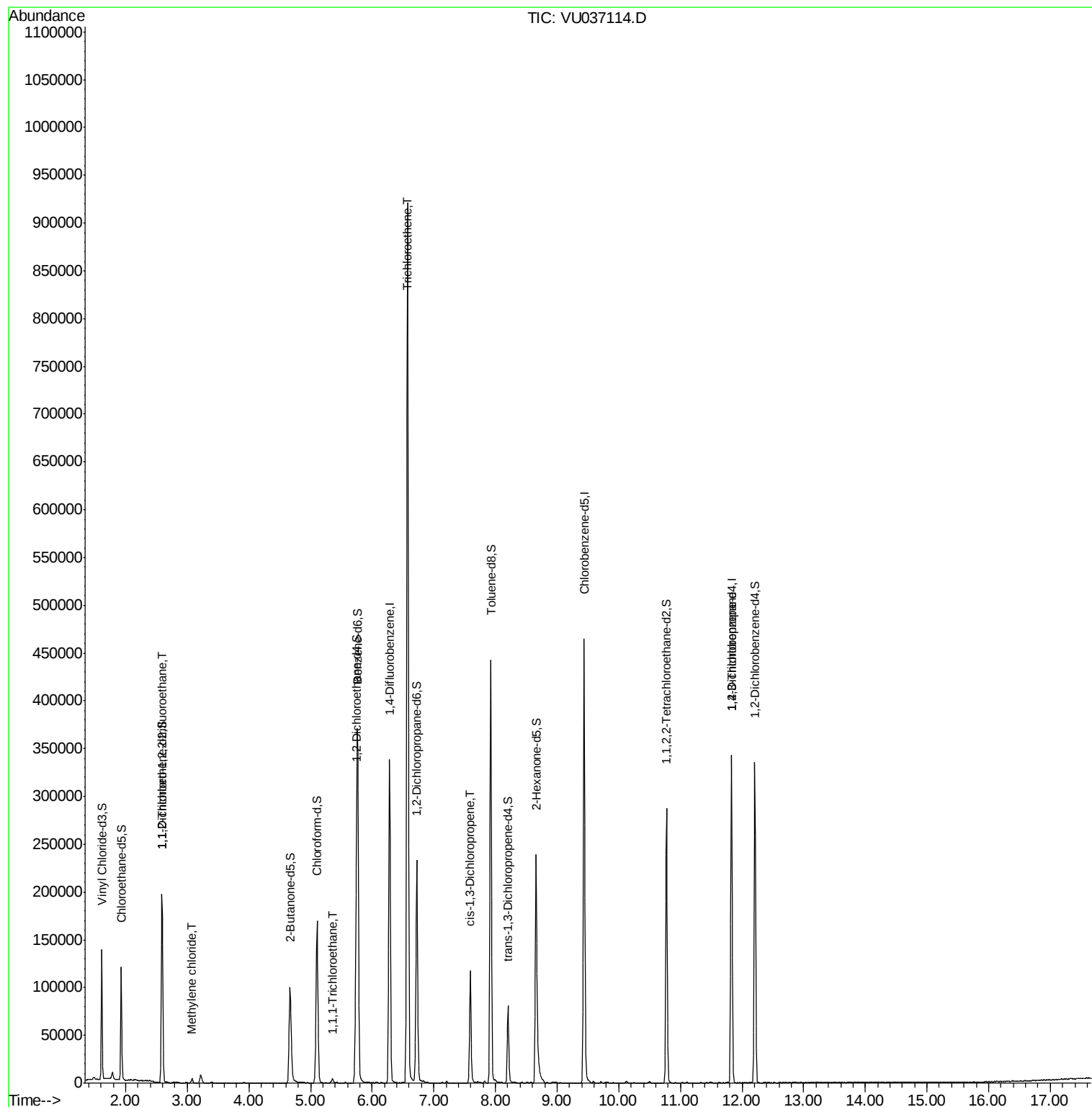
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1846	1.124 ug/L #	60
16) Methylene chloride	3.08	84	1943	0.959 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	2976	1.137 ug/L #	89
34) Trichloroethene	6.57	95	314633	165.928 ug/L	99
39) cis-1,3-Dichloropropene	7.59	75	2756	0.861 ug/L #	48
59) 1,2,3-Trichloropropane	11.83	75	13704	5.128 ug/L	92

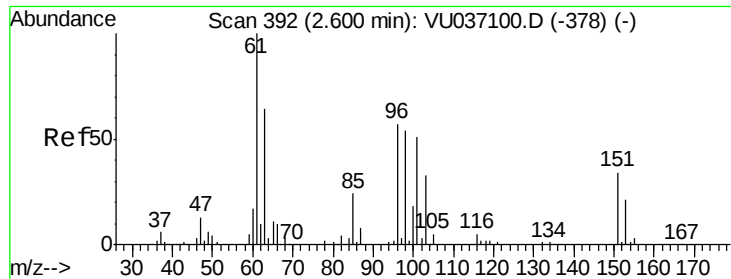
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 06 23:54:55 2020
Response via : Initial Calibration





#10

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

Concen: 1.124 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU037114.D

Acq: 06 Mar 2020 17:02

Instrument :

MSVOA_U

ClientSampled :

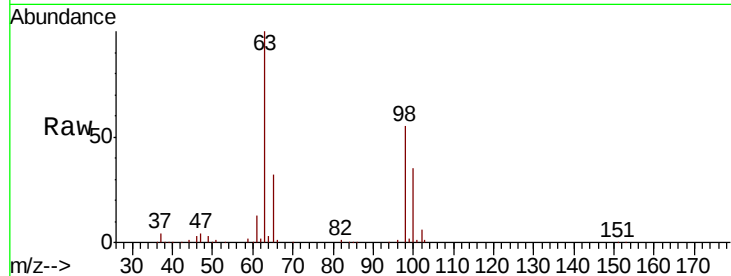
Tot Ion:101 Resp: 1846

Ion Ratio Lower Upper

101 100

85 21.2 36.4 54.6#

151 31.6 52.4 78.6#



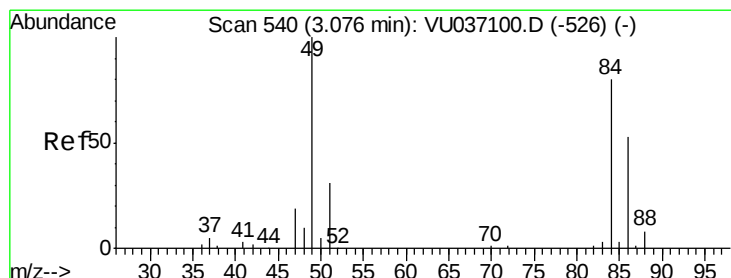
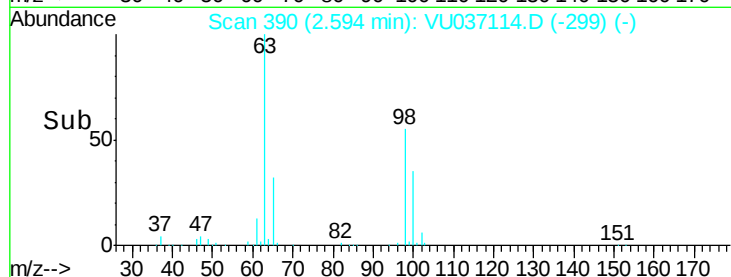
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.59

Time-->



#16

Methylene chloride

Concen: 0.959 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU037114.D

Acq: 06 Mar 2020 17:02

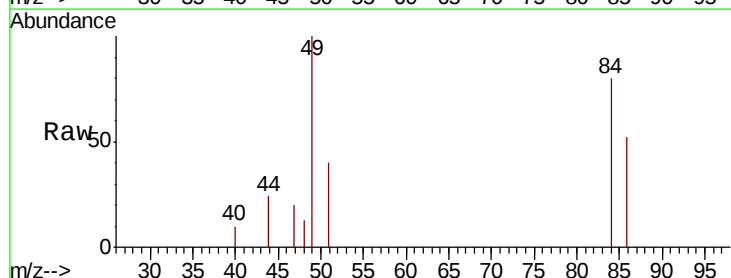
Tgt Ion: 84 Resp: 1943

Ion Ratio Lower Upper

84 100

86 64.4 44.4 82.5

49 124.4 85.9 159.5



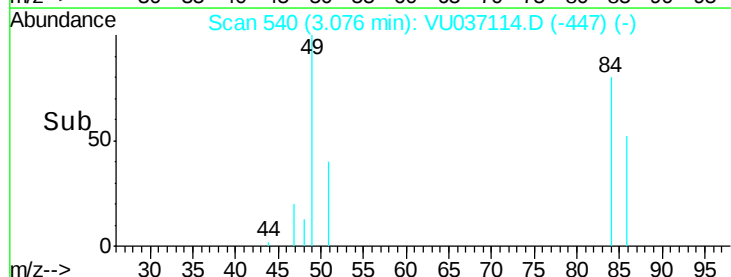
Abundance Ion 84.00 (83.70 to 84.70): VU0

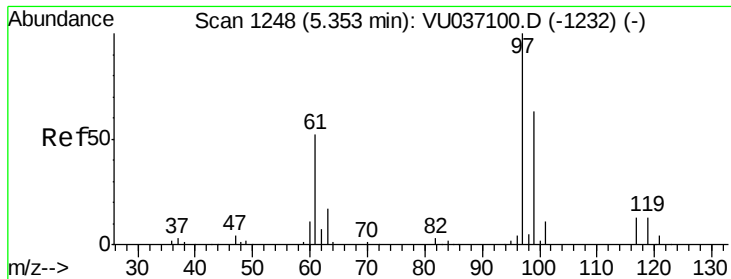
Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

3.08

Time-->

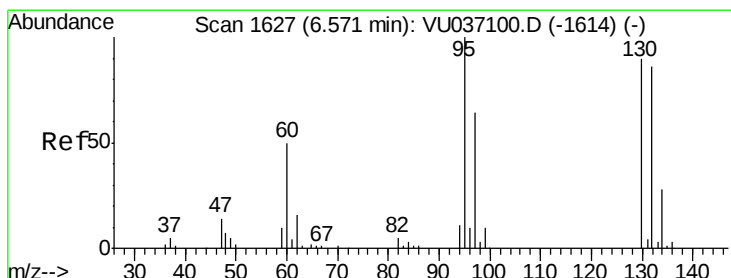
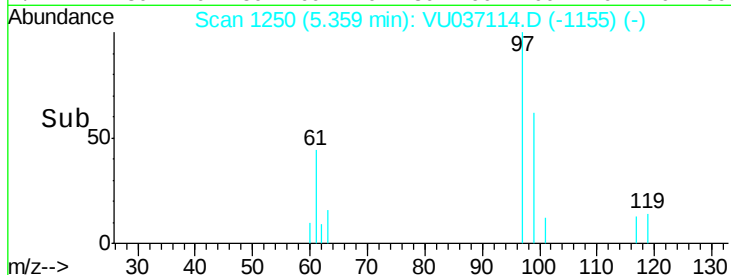
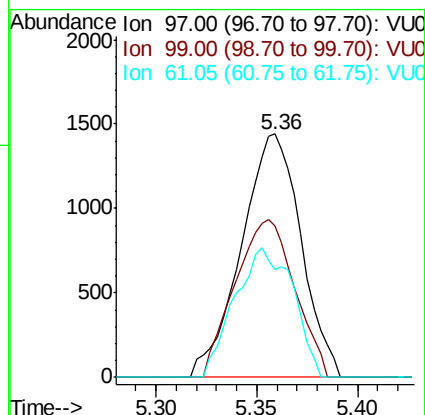
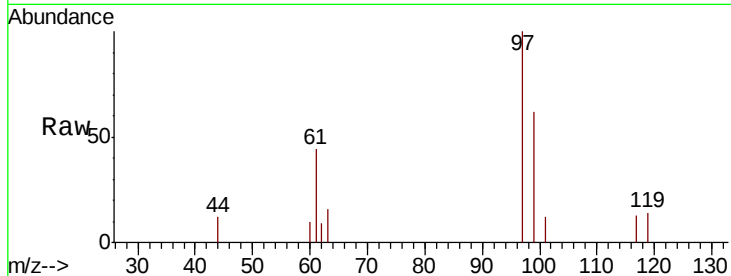




#30
 1,1,1-Trichloroethane
 Concen: 1.137 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: VU037114.D
 Acq: 06 Mar 2020 17:02

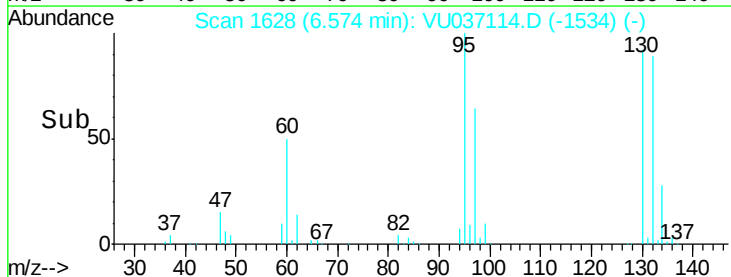
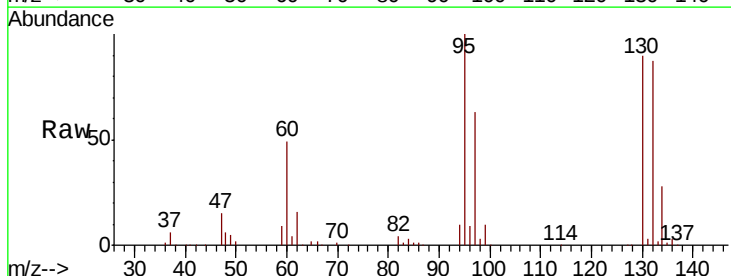
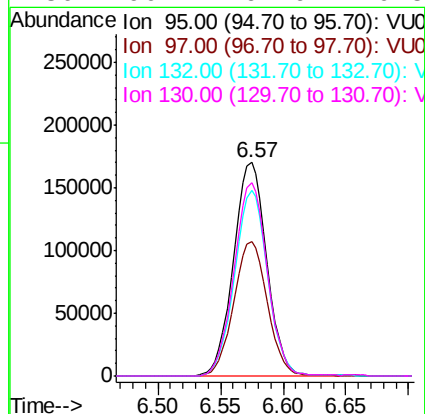
Instrument :
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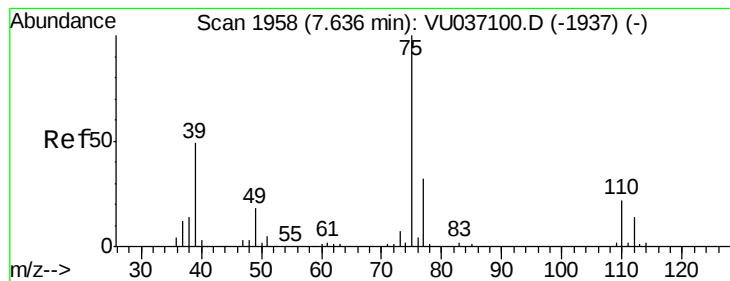
Tot Ion: 97 Resp: 2976
 Ion Ratio Lower Upper
 97 100
 99 64.8 50.4 75.6
 61 35.8 40.3 60.5#



#34
 Trichloroethene
 Concen: 165.928 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: VU037114.D
 Acq: 06 Mar 2020 17:02

Tgt Ion: 95 Resp: 314633
 Ion Ratio Lower Upper
 95 100
 97 63.1 44.1 81.9
 132 87.1 60.6 112.6
 130 90.2 64.9 120.5



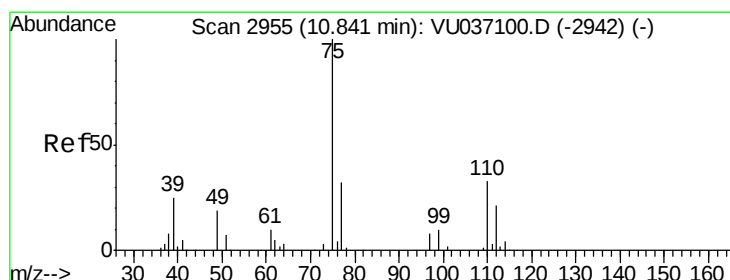
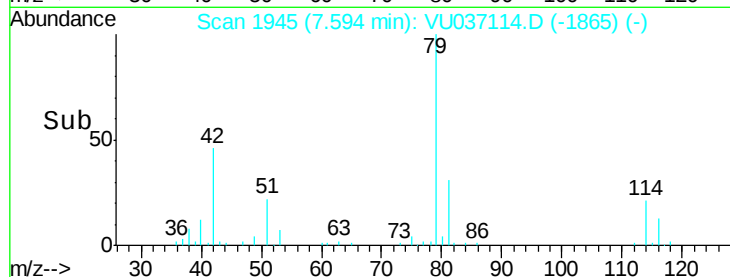
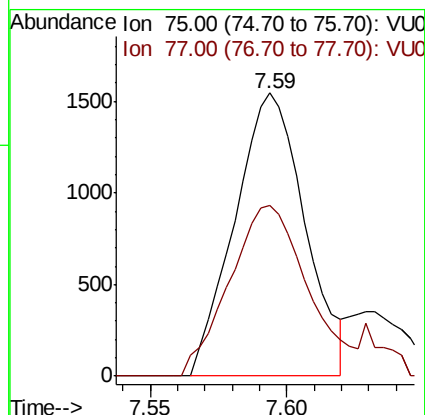
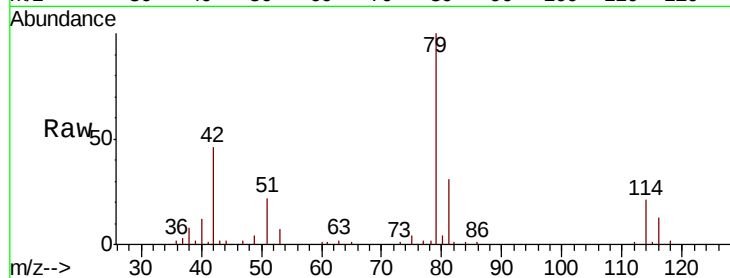


#39

cis-1,3-Dichloropropene
 Concen: 0.861 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037114.D
 Acq: 06 Mar 2020 17:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 2756
 Ion Ratio Lower Upper
 75 100
 77 60.5 22.0 41.0#



#59

1,2,3-Trichloropropane
 Concen: 5.128 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU037114.D
 Acq: 06 Mar 2020 17:02

Tgt Ion: 75 Resp: 13704
 Ion Ratio Lower Upper
 75 100
 77 37.1 26.2 39.2

