

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037420.D
 Acq On : 28 Mar 2020 16:32
 Operator : JC/MD
 Sample : L2002-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:23:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	123789	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	117152	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	59680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39743	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.93	69	32077	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.59	63	61903	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.66	46	113526	45.58	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.16%
24) Chloroform-d	5.10	84	77838	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	44074	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.76	84	154539	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.72	67	50643	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.92	98	145630	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	23584	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.66	63	96654	46.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	41130	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	55113	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

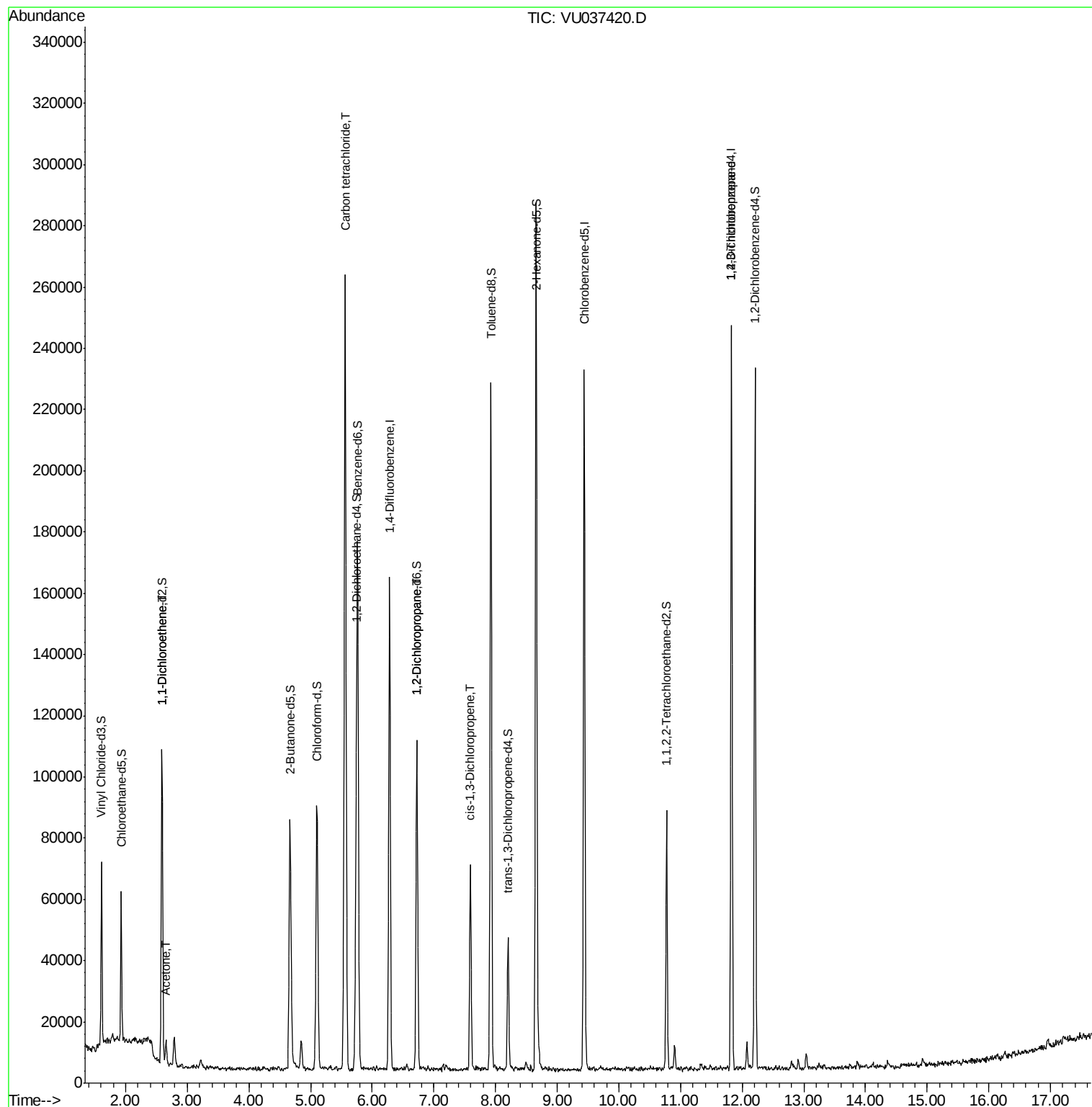
					Ovalue
12) 1,1-Dichloroethene	2.59	96	722	0.089 ug/L #	1
13) Acetone	2.66	43	8708	6.085 ug/L	94
31) Carbon tetrachloride	5.56	117	170621	13.420 ug/L	100
37) 1,2-Dichloropropane	6.73	63	5594	0.624 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1750	0.120 ug/L #	22
59) 1,2,3-Trichloropropane	11.83	75	8092	1.297 ug/L	90

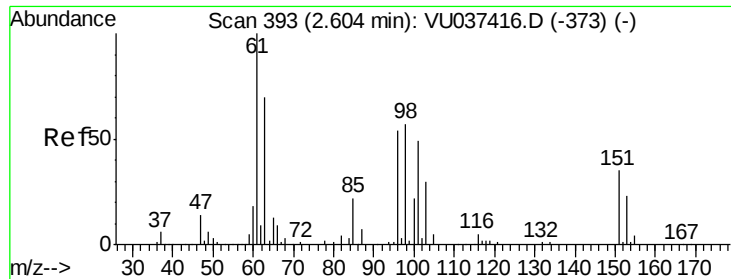
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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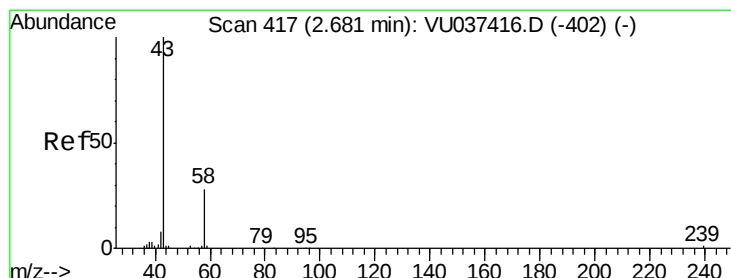
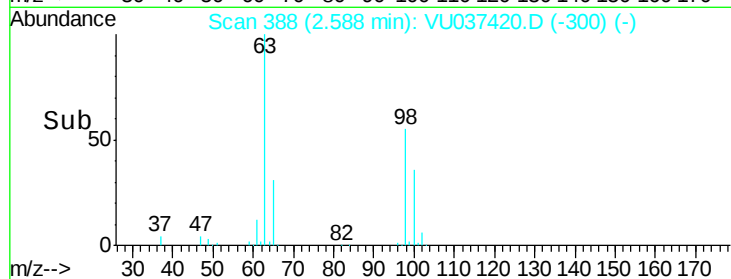
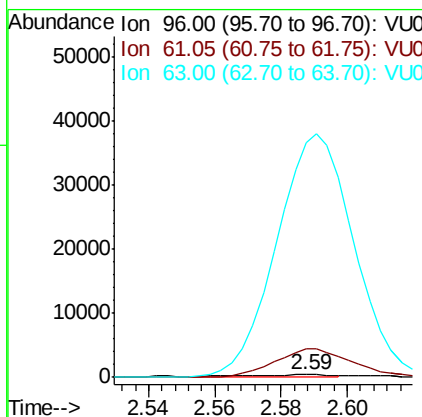
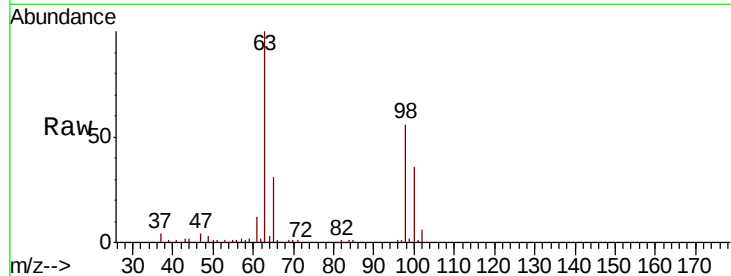




#12
 1,1-Dichloroethene
 Concen: 0.089 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU037420.D
 Acq: 28 Mar 2020 16:32

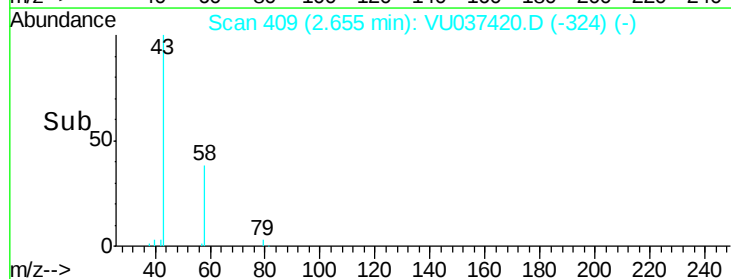
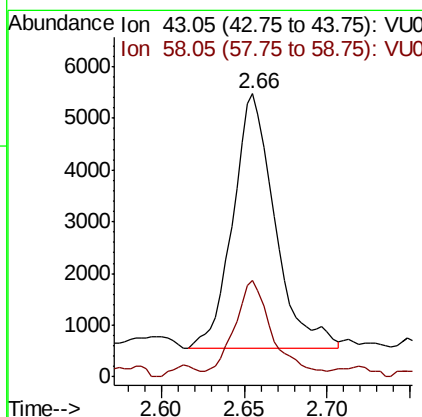
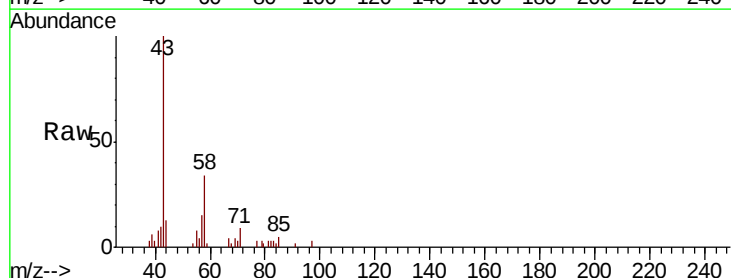
Instrument :
 MSVOA_U
 ClientSampleId :

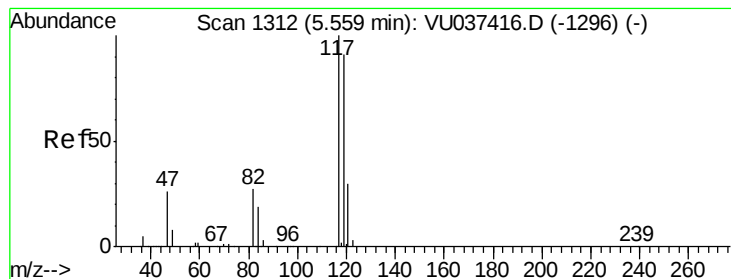
Tot Ion: 96 Resp: 722
 Ion Ratio Lower Upper
 96 100
 61 1051.9 125.4 232.8#
 63 8517.2 90.9 168.7#



#13
 Acetone
 Concen: 6.085 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: VU037420.D
 Acq: 28 Mar 2020 16:32

Tgt Ion: 43 Resp: 8708
 Ion Ratio Lower Upper
 43 100
 58 29.4 0.0 66.0





#31

Carbon tetrachloride

Concen: 13.420 ug/L

RT: 5.56 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU037420.D

Acq: 28 Mar 2020 16:32

Instrument :

MSVOA_U

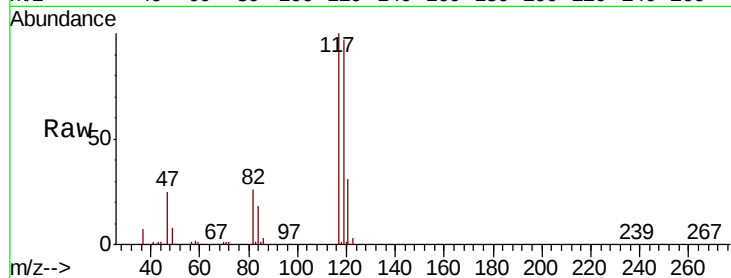
ClientSampleId :

Tot Ion:117 Resp: 170621

Ion Ratio Lower Upper

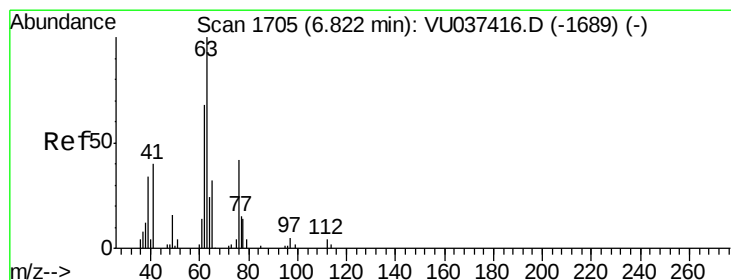
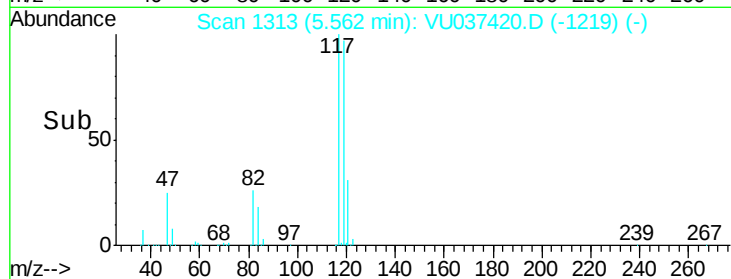
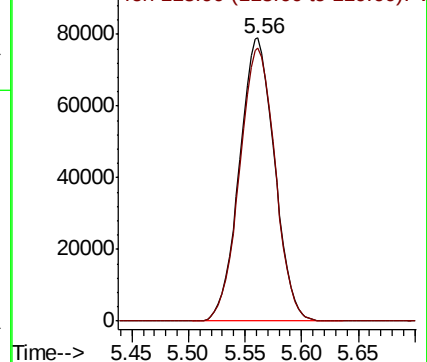
117 100

119 97.5 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037420.D

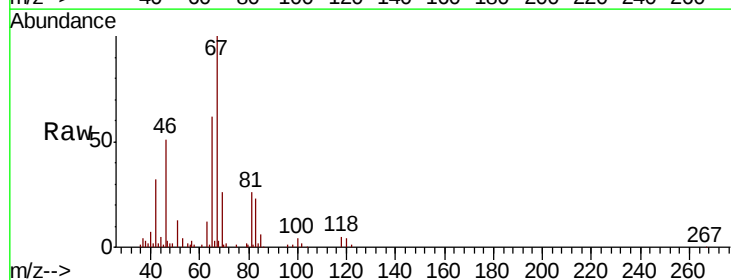
Acq: 28 Mar 2020 16:32

Tgt Ion: 63 Resp: 5594

Ion Ratio Lower Upper

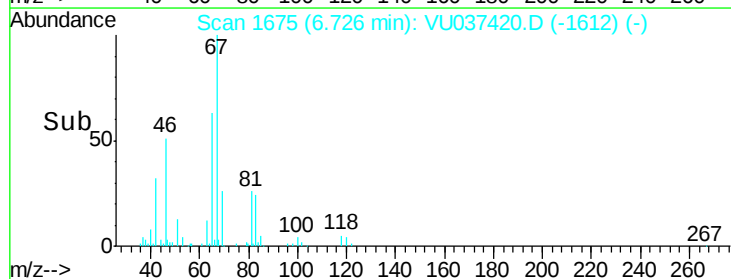
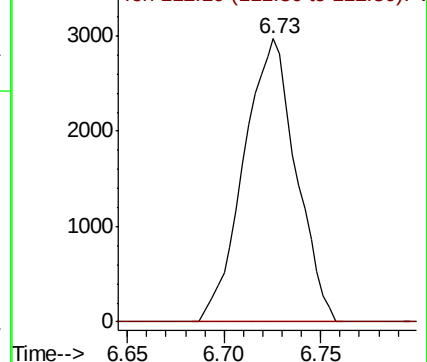
63 100

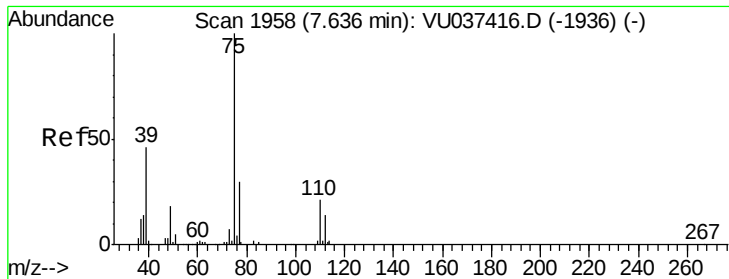
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

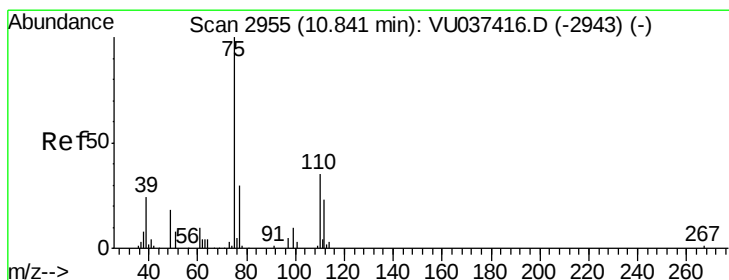
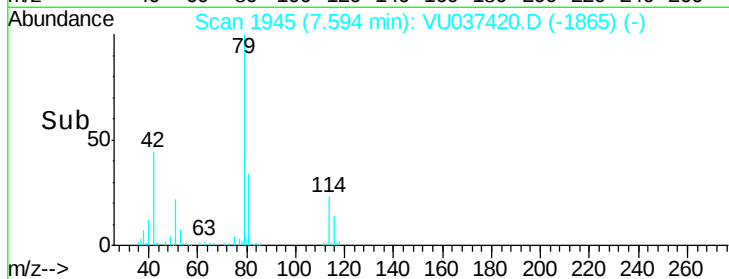
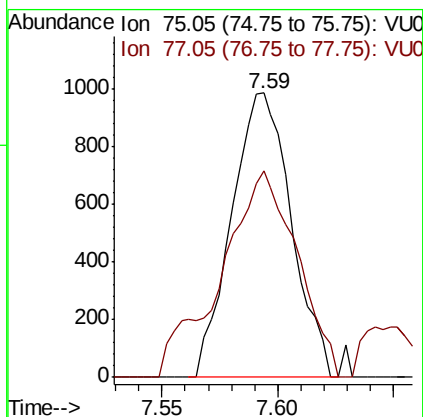
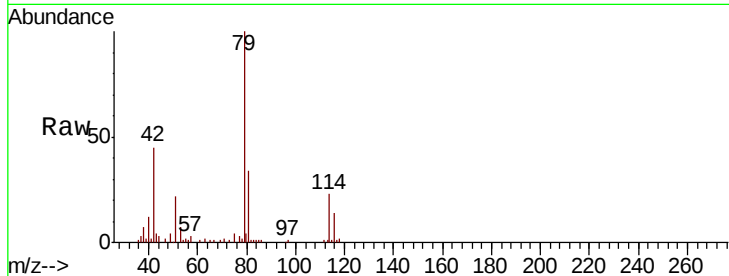




#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037420.D
 Acq: 28 Mar 2020 16:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 1750
 Ion Ratio Lower Upper
 75 100
 77 72.4 21.1 39.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.297 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU037420.D
 Acq: 28 Mar 2020 16:32

Tgt Ion: 75 Resp: 8092
 Ion Ratio Lower Upper
 75 100
 77 40.3 27.4 41.2

