

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037449.D
 Acq On : 29 Mar 2020 05:22
 Operator : JC/MD
 Sample : L2001-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:16:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	103053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	95431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	47616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34938	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	29367	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.59	63	54610	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.67	46	109523	52.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.64%
24) Chloroform-d	5.11	84	68298	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.74	65	40650	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	136886	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.72	67	47229	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.92	98	126701	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.20	79	20443	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.65	63	93328	54.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37268	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	46527	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

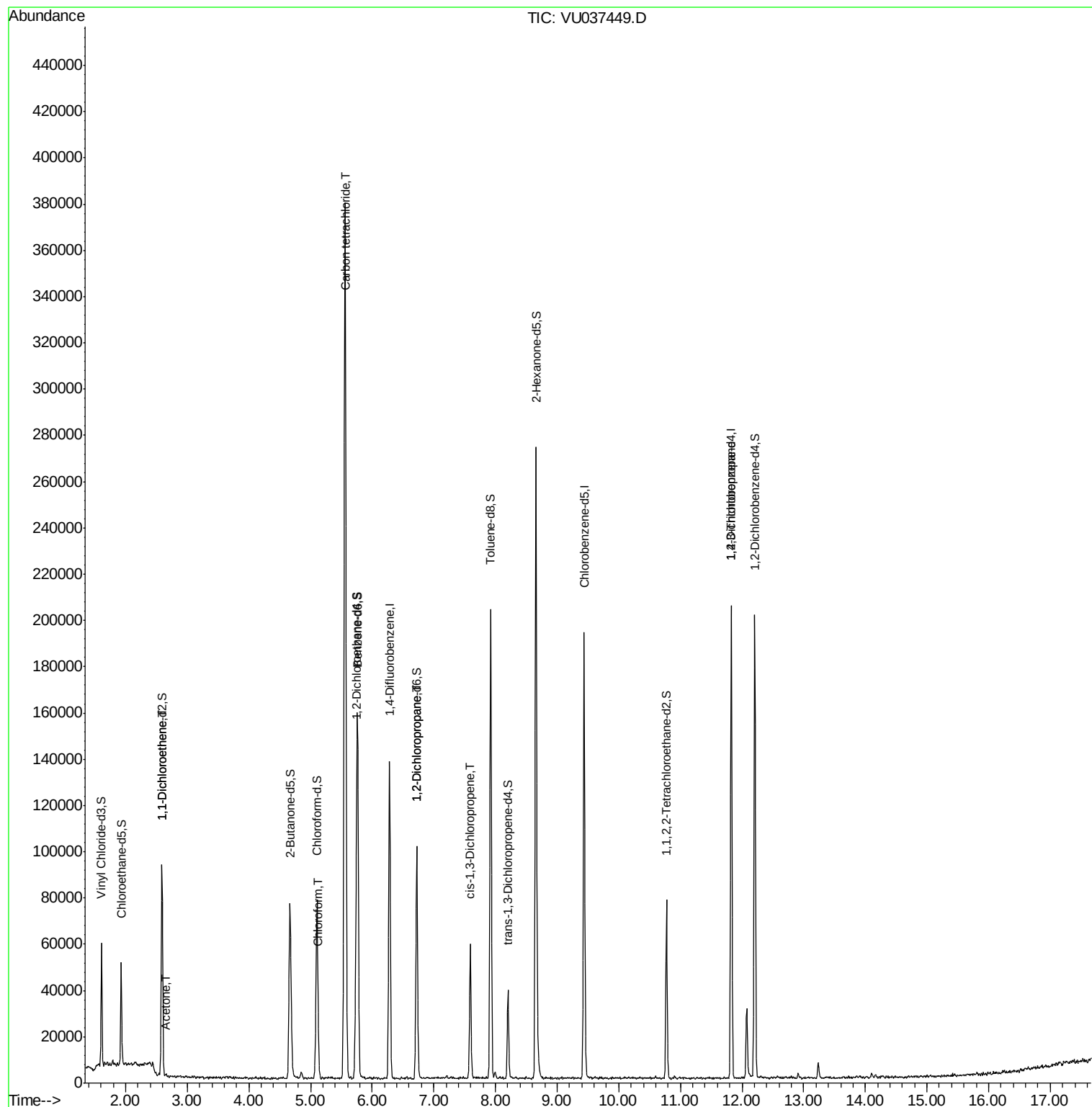
					Ovalue
12) 1,1-Dichloroethene	2.59	96	489	0.072 ug/L #	1
13) Acetone	2.65	43	1331	1.117 ug/L	88
25) Chloroform	5.13	83	3888	0.279 ug/L	89
31) Carbon tetrachloride	5.56	117	249407	24.082 ug/L	99
37) 1,2-Dichloropropane	6.73	63	4924	0.674 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1378	0.116 ug/L #	36
59) 1,2,3-Trichloropropane	11.83	75	6733	1.325 ug/L #	83

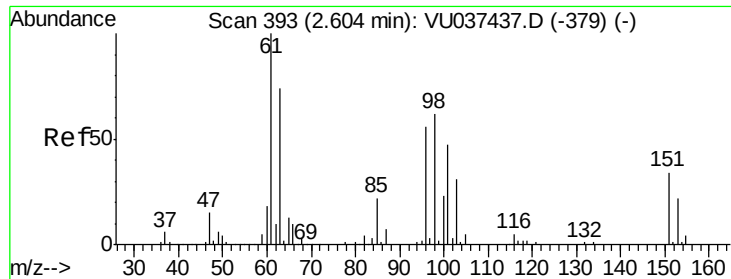
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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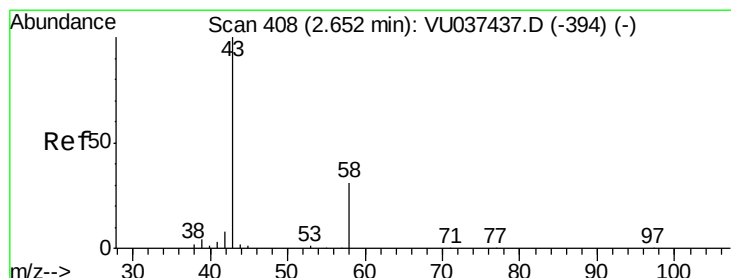
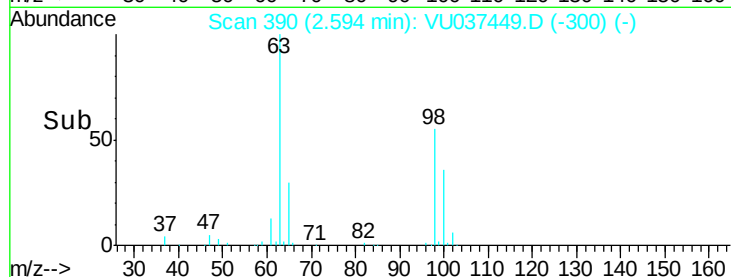
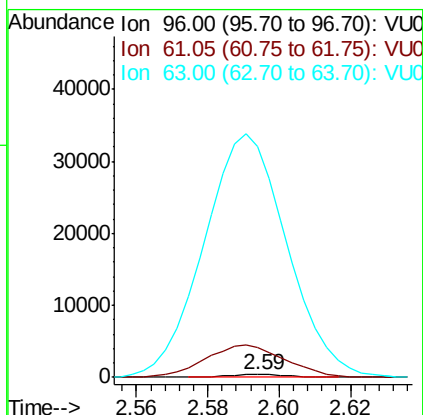
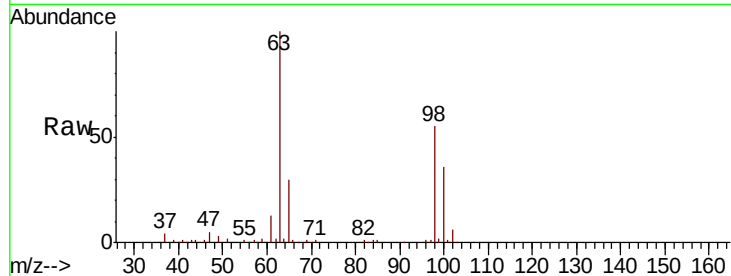




#12
 1,1-Dichloroethene
 Concen: 0.072 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU037449.D
 Acq: 29 Mar 2020 05:22

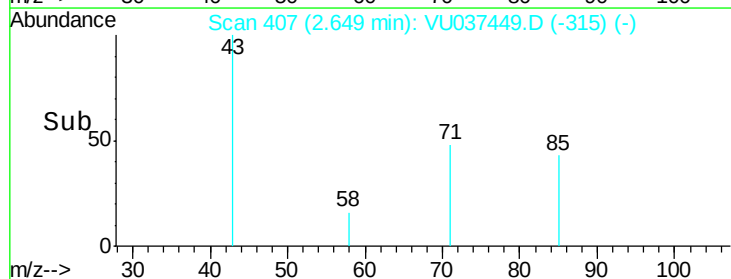
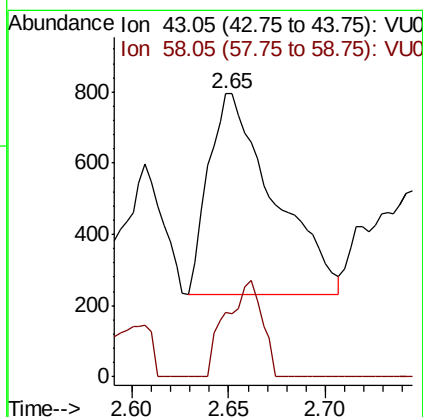
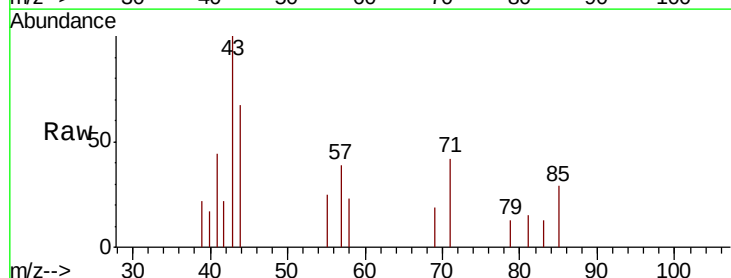
Instrument :
 MSVOA_U
 ClientSampleId :

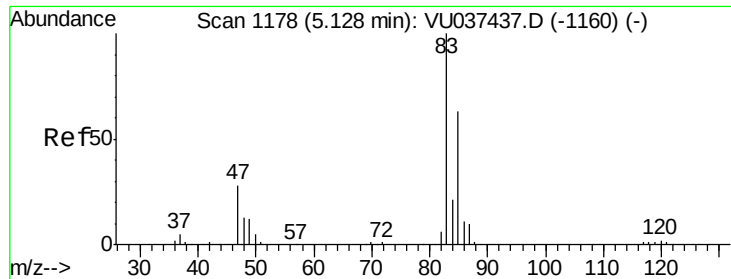
Tot Ion: 96 Resp: 489
 Ion Ratio Lower Upper
 96 100
 61 1156.7 125.4 232.8#
 63 9067.4 90.9 168.7#



#13
 Acetone
 Concen: 1.117 ug/L
 RT: 2.65 min Scan# 407
 Delta R.T. -0.00 min
 Lab File: VU037449.D
 Acq: 29 Mar 2020 05:22

Tgt Ion: 43 Resp: 1331
 Ion Ratio Lower Upper
 43 100
 58 26.4 0.0 66.0

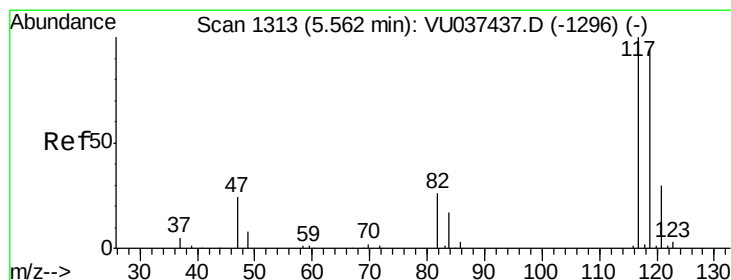
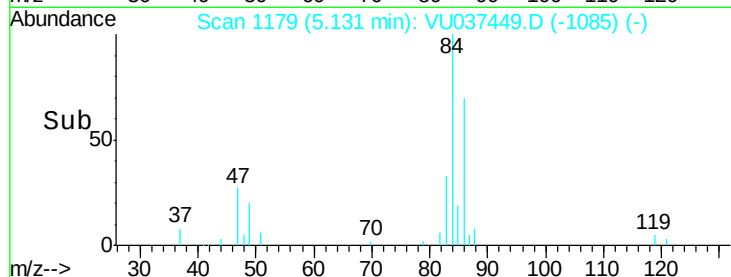
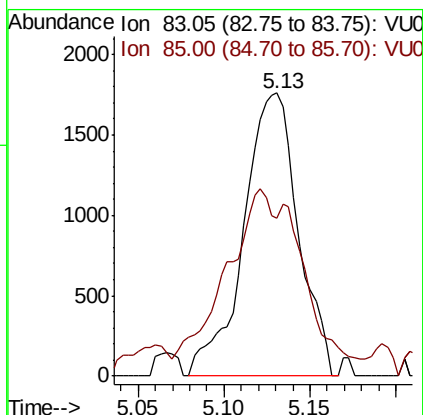
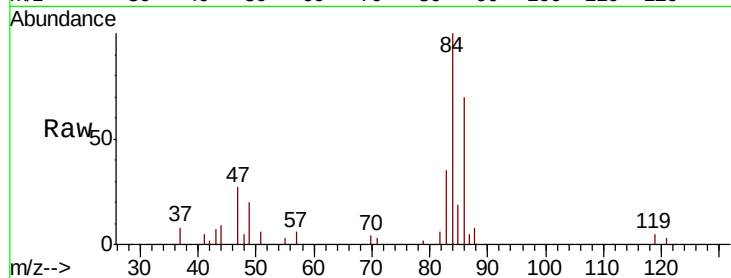




#25
Chloroform
Concen: 0.279 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037449.D
Acq: 29 Mar 2020 05:22

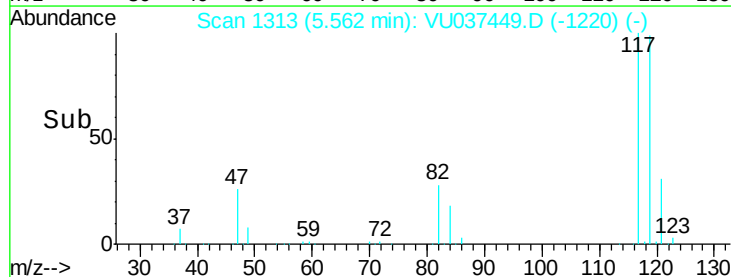
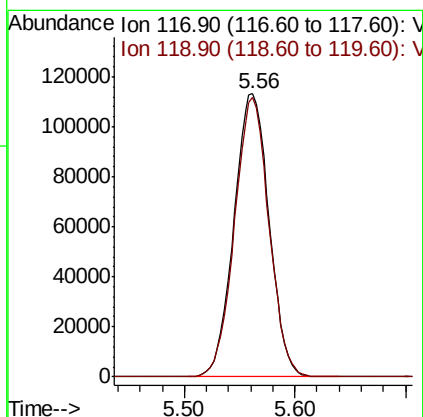
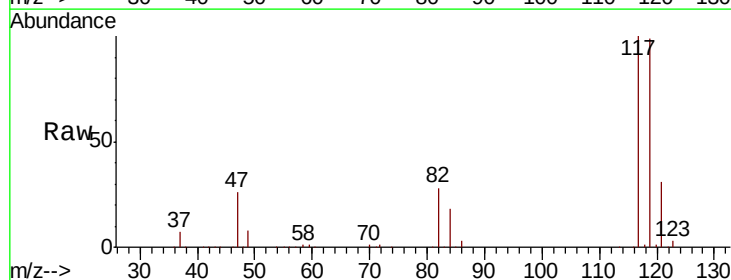
Instrument :
MSVOA_U
ClientSampled :

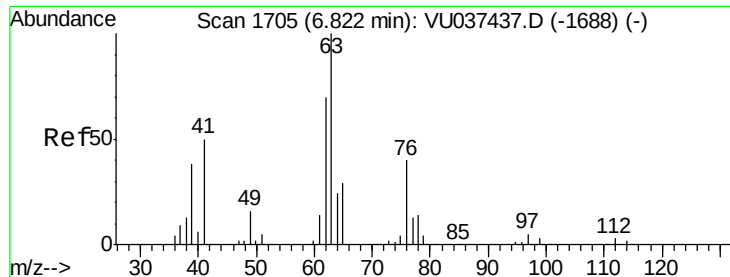
Tot Ion: 83 Resp: 3888
Ion Ratio Lower Upper
83 100
85 55.9 45.4 84.4



#31
Carbon tetrachloride
Concen: 24.082 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037449.D
Acq: 29 Mar 2020 05:22

Tgt Ion: 117 Resp: 249407
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5

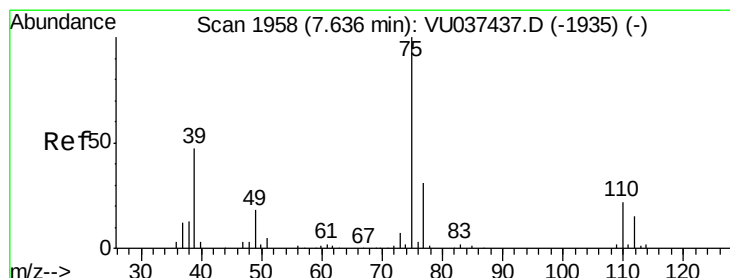
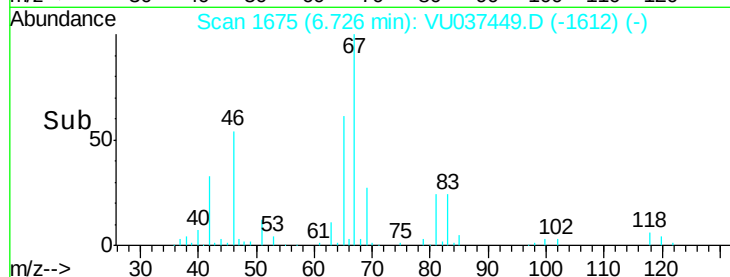
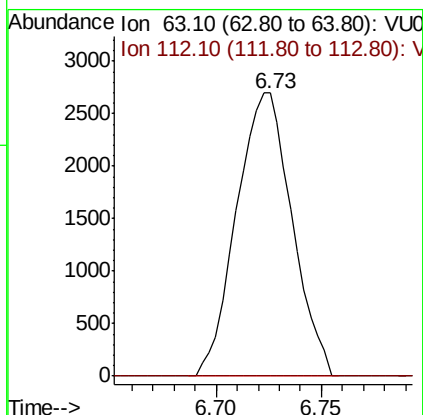
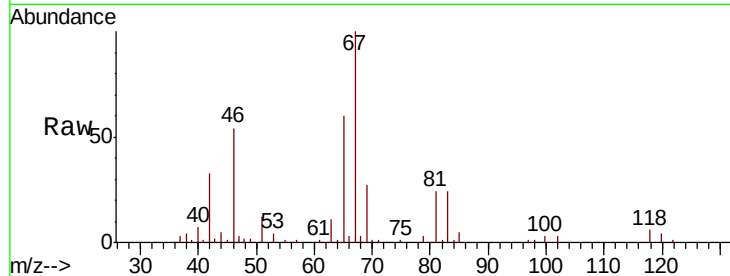




#37
 1,2-Dichloropropane
 Concen: 0.674 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037449.D
 Acq: 29 Mar 2020 05:22

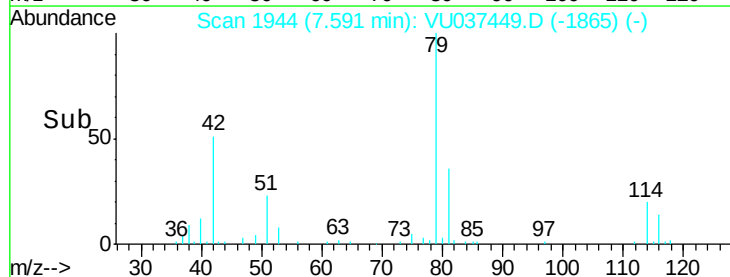
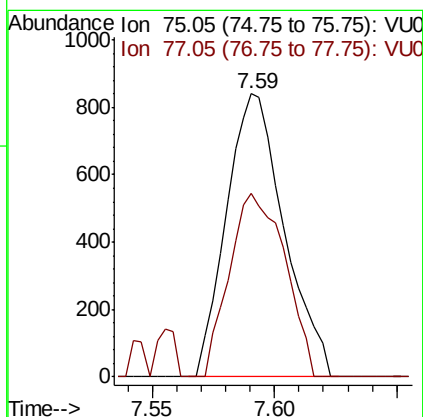
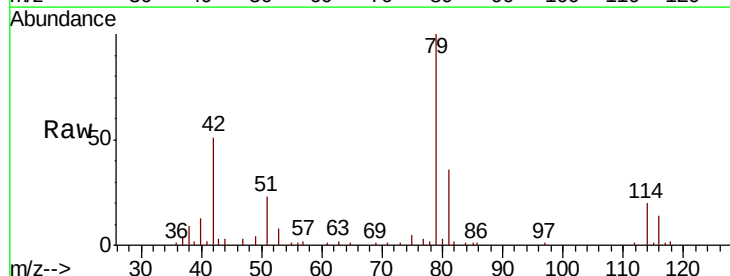
Instrument :
 MSVOA_U
 ClientSampleId :

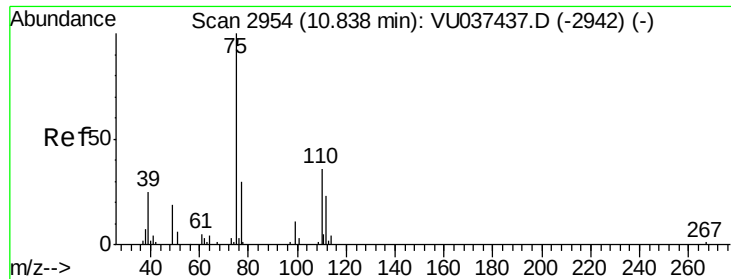
Tot Ion: 63 Resp: 4924
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037449.D
 Acq: 29 Mar 2020 05:22

Tgt Ion: 75 Resp: 1378
 Ion Ratio Lower Upper
 75 100
 77 64.8 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.325 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037449.D

Acq: 29 Mar 2020 05:22

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6733

Ion Ratio Lower Upper

75 100

77 43.8 27.4 41.2#

