

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037433.D
 Acq On : 28 Mar 2020 21:54
 Operator : JC/MD
 Sample : L2002-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:25:29 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	111094	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	105446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52548	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38284	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	32149	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	58458	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.67	46	106618	47.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.40%
24) Chloroform-d	5.10	84	69578	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.74	65	43492	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	150873	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.72	67	48947	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.93	98	142350	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.20	79	23566	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.66	63	93906	49.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39996	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	52789	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

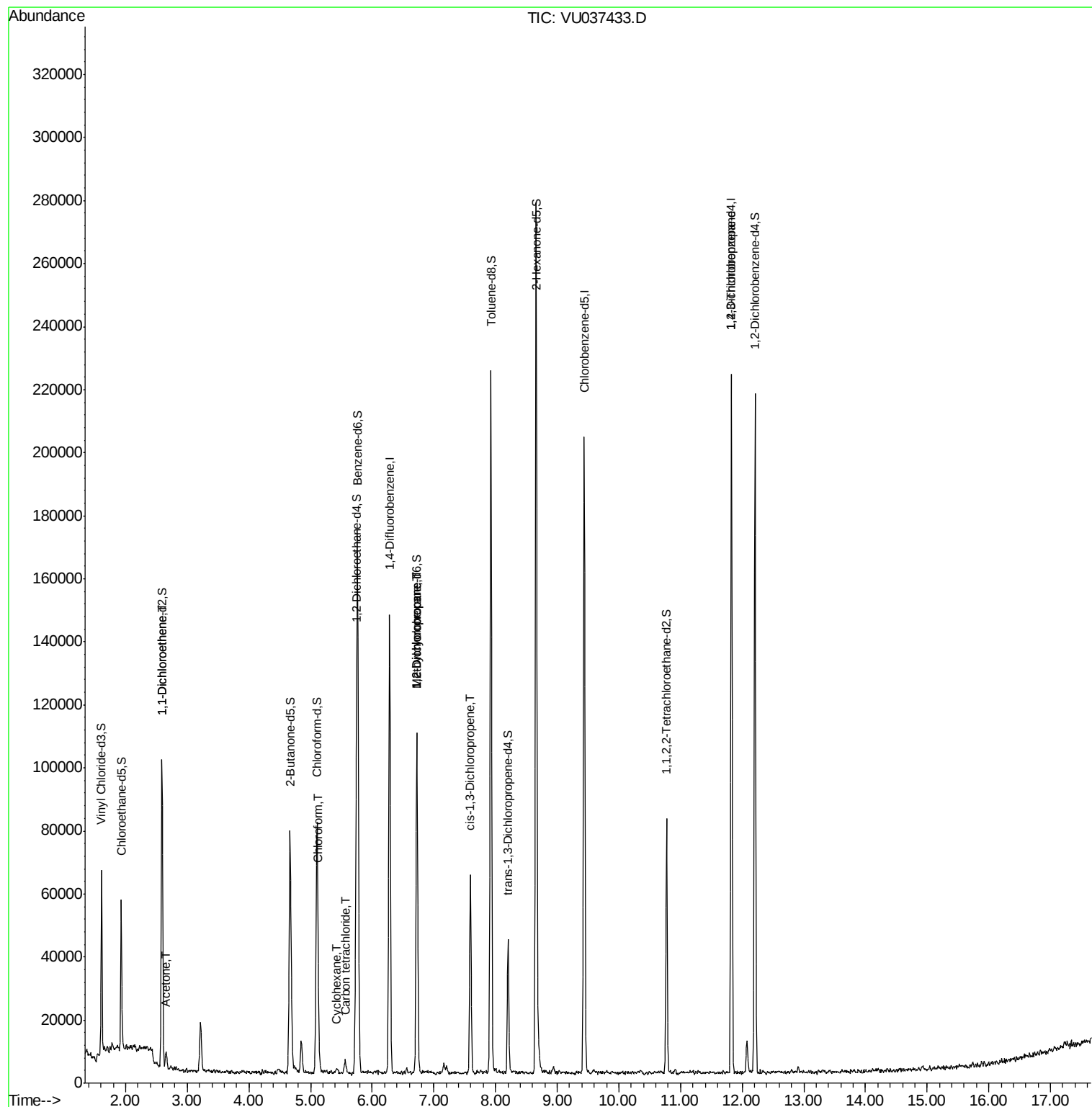
					Ovalue
12) 1,1-Dichloroethene	2.60	96	733	0.100 ug/L #	1
13) Acetone	2.66	43	6934	5.399 ug/L	99
25) Chloroform	5.13	83	8619	0.574 ug/L	95
30) Cyclohexane	5.43	56	1129	0.083 ug/L #	31
31) Carbon tetrachloride	5.57	117	2486	0.217 ug/L	99
35) Methylcyclohexane	6.72	83	11477	0.815 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	5866	0.727 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1586	0.120 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	7229	1.287 ug/L	93

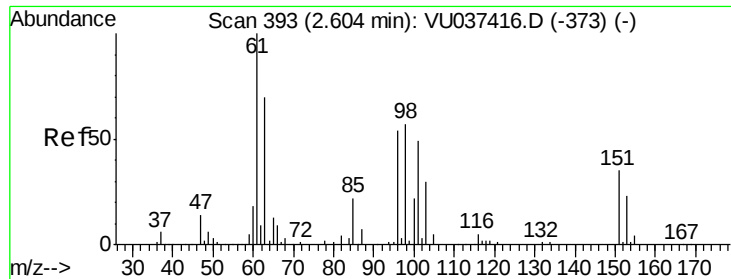
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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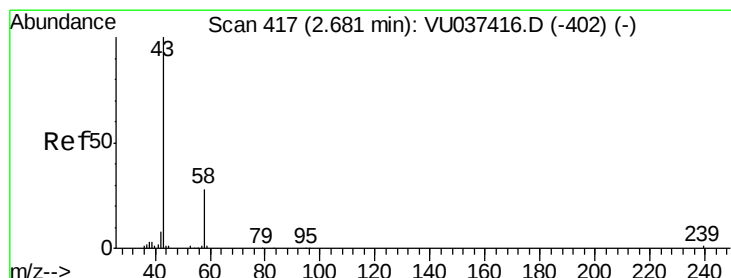
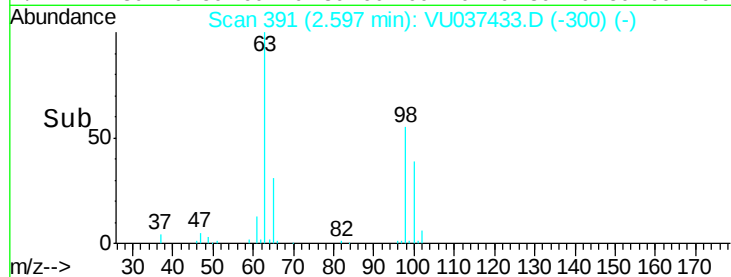
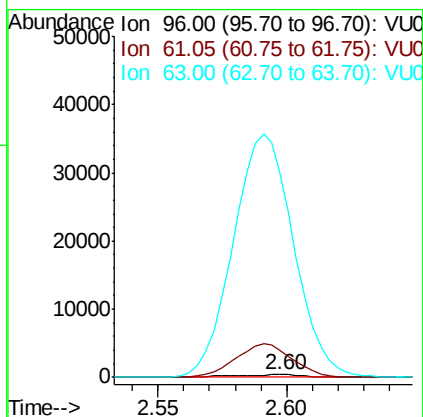
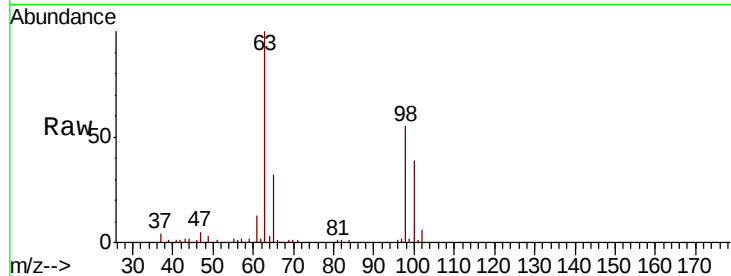




#12
 1,1-Dichloroethene
 Concen: 0.100 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU037433.D
 Acq: 28 Mar 2020 21:54

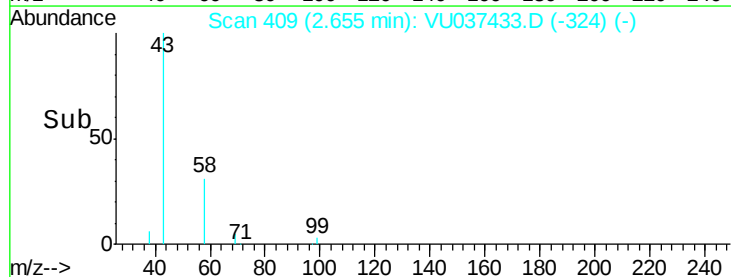
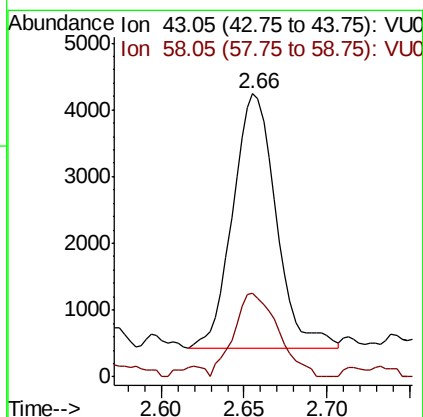
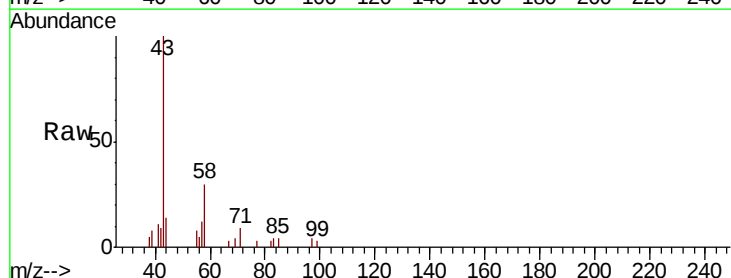
Instrument :
 MSVOA_U
 ClientSampleId :

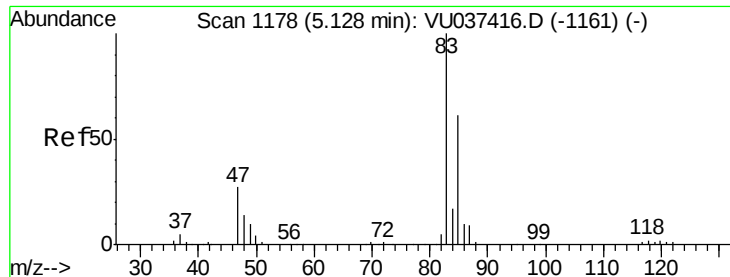
Tot Ion: 96 Resp: 733
 Ion Ratio Lower Upper
 96 100
 61 937.7 125.4 232.8#
 63 7188.6 90.9 168.7#



#13
 Acetone
 Concen: 5.399 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: VU037433.D
 Acq: 28 Mar 2020 21:54

Tgt Ion: 43 Resp: 6934
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 66.0

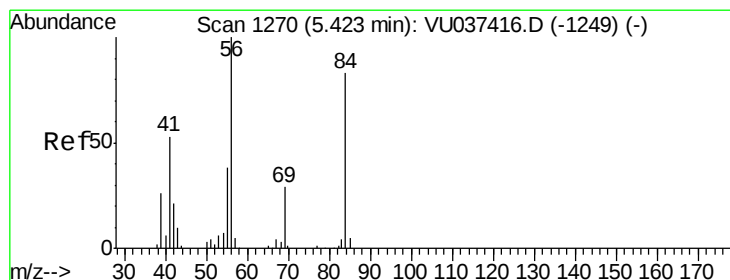
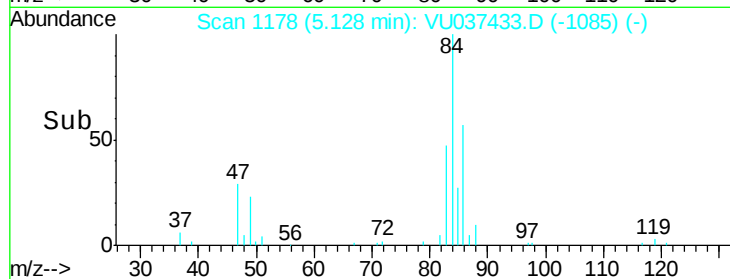
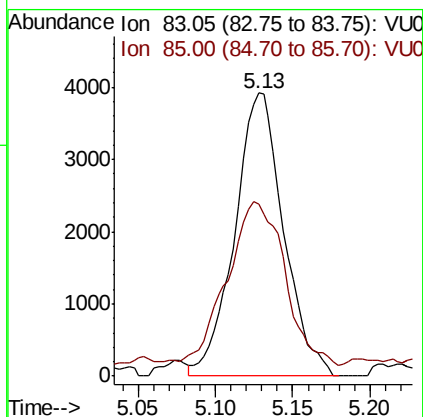
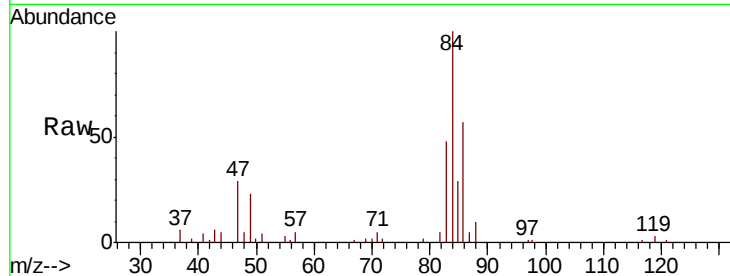




#25
Chloroform
Concen: 0.574 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037433.D
Acq: 28 Mar 2020 21:54

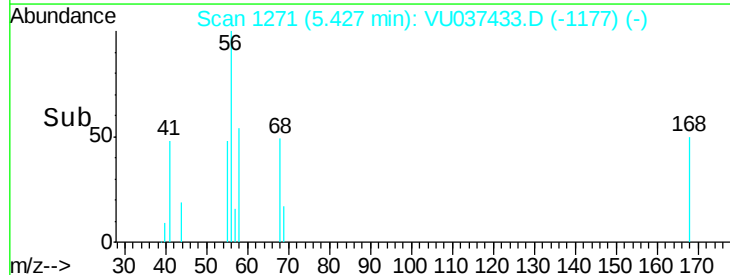
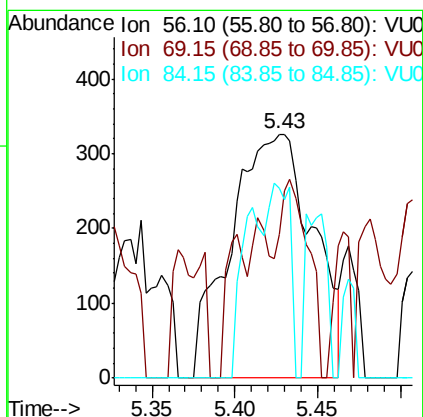
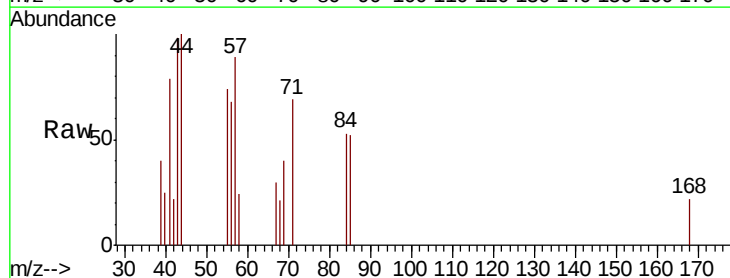
Instrument :
MSVOA_U
ClientSampleId :

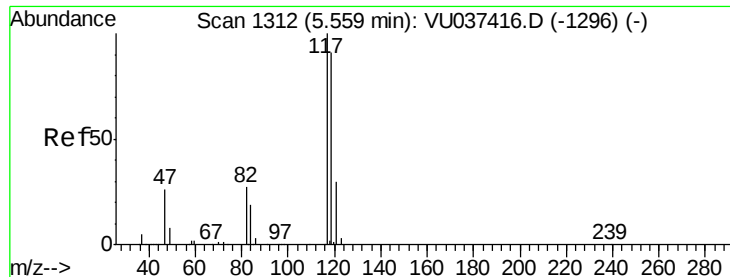
Tot Ion: 83 Resp: 8619
Ion Ratio Lower Upper
83 100
85 60.9 45.4 84.4



#30
Cyclohexane
Concen: 0.083 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU037433.D
Acq: 28 Mar 2020 21:54

Tgt Ion: 56 Resp: 1129
Ion Ratio Lower Upper
56 100
69 28.1 25.7 38.5
84 0.0 67.1 100.7#





#31

Carbon tetrachloride

Concen: 0.217 ug/L

RT: 5.57 min Scan# 1314

Delta R.T. 0.01 min

Lab File: VU037433.D

Acq: 28 Mar 2020 21:54

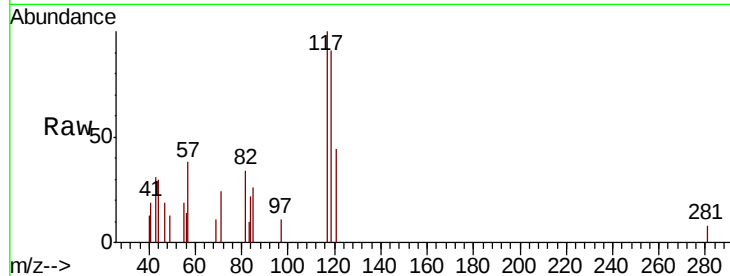
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:117 Resp: 2486

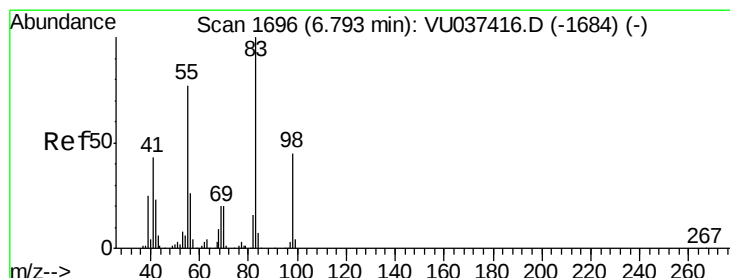
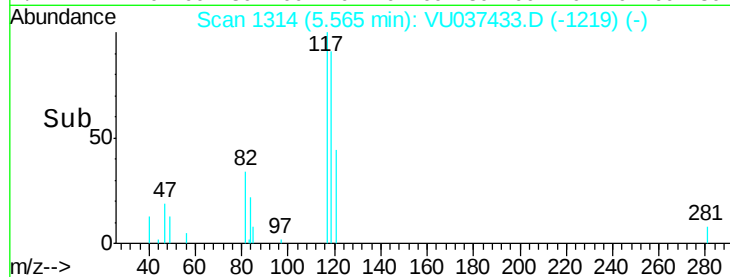
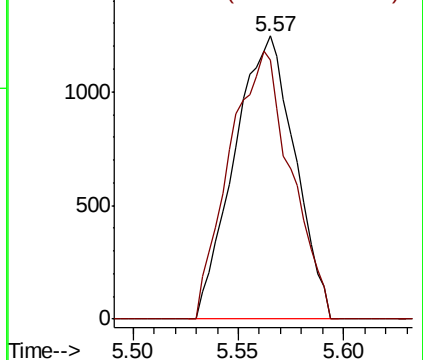
Ion Ratio Lower Upper

117 100

119 96.4 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037433.D

Acq: 28 Mar 2020 21:54

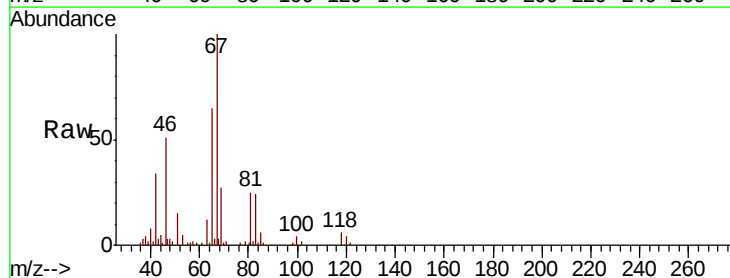
Tgt Ion: 83 Resp: 11477

Ion Ratio Lower Upper

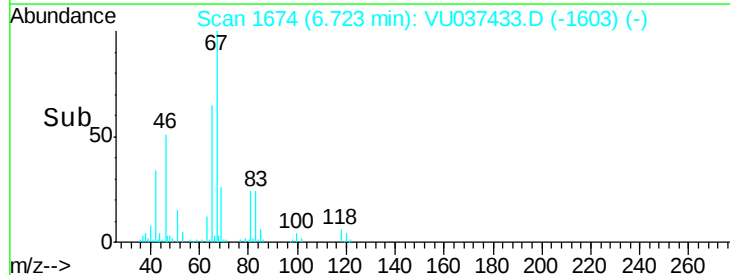
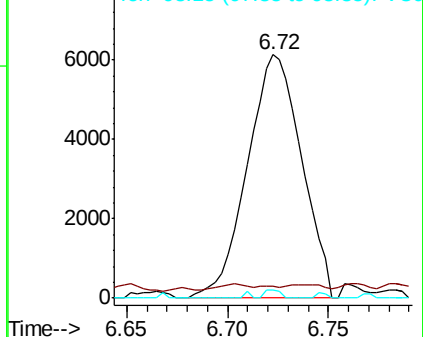
83 100

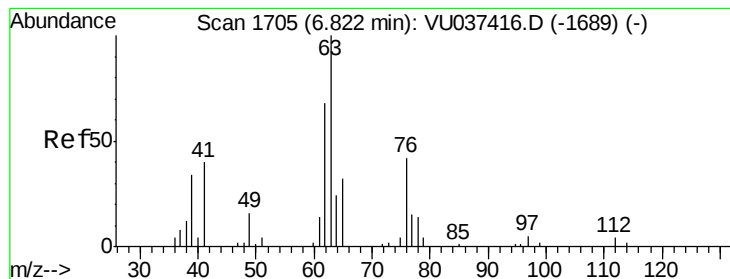
55 0.6 64.2 96.4#

98 1.0 36.3 54.5#



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: 0.727 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU037433.D

Acq: 28 Mar 2020 21:54

Instrument :

MSVOA_U

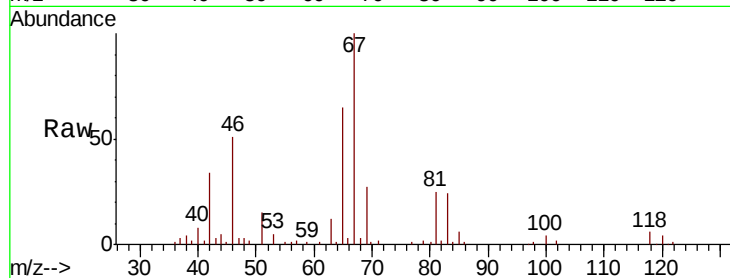
ClientSampleId :

Tot Ion: 63 Resp: 5866

Ion Ratio Lower Upper

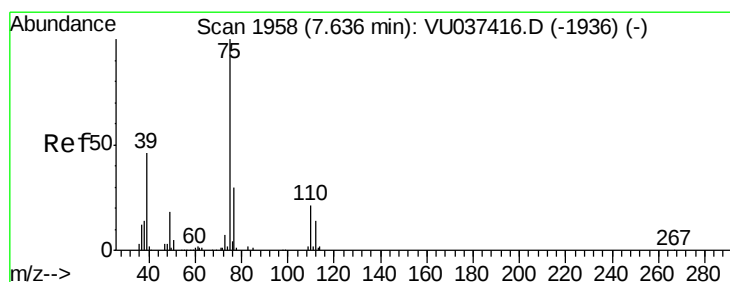
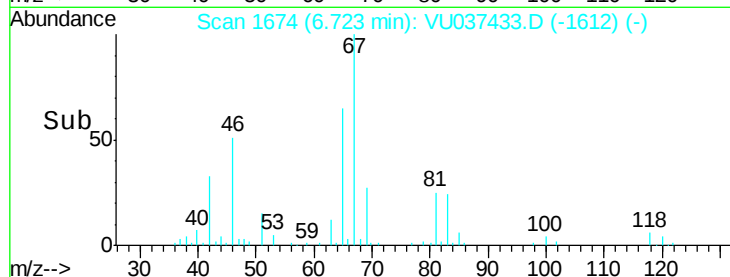
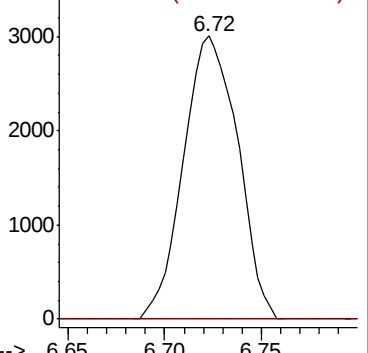
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU037416.D (-1689) (-)

Ion 112.10 (111.80 to 112.80): VU037416.D (-1689) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037433.D

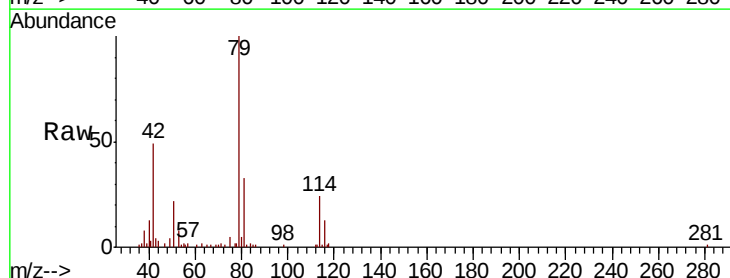
Acq: 28 Mar 2020 21:54

Tgt Ion: 75 Resp: 1586

Ion Ratio Lower Upper

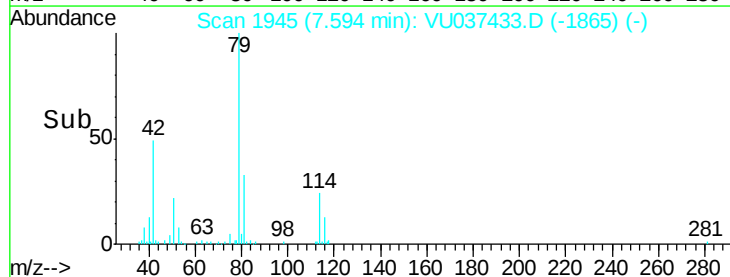
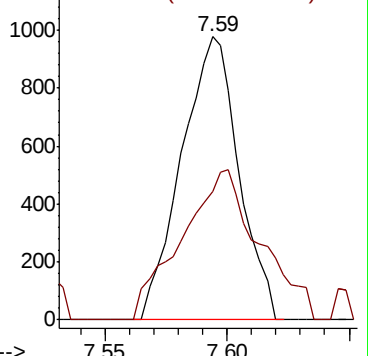
75 100

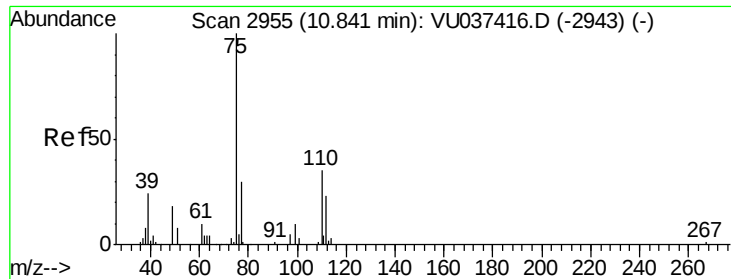
77 45.4 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU037416.D (-1936) (-)

Ion 77.05 (76.75 to 77.75): VU037416.D (-1936) (-)





#59

1,2,3-Trichloropropane

Concen: 1.287 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037433.D

Acq: 28 Mar 2020 21:54

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7229

Ion Ratio Lower Upper

75 100

77 38.3 27.4 41.2

