

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037429.D
 Acq On : 28 Mar 2020 20:15
 Operator : JC/MD
 Sample : L2002-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:24:51 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	113720	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	107686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37501	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.93	69	32171	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	58938	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.67	46	103752	45.35	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.70%
24) Chloroform-d	5.11	84	67429	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.74	65	44134	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.76	84	149986	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	49504	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.92	98	141916	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.20	79	22103	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.66	63	95611	49.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	40984	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	53690	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

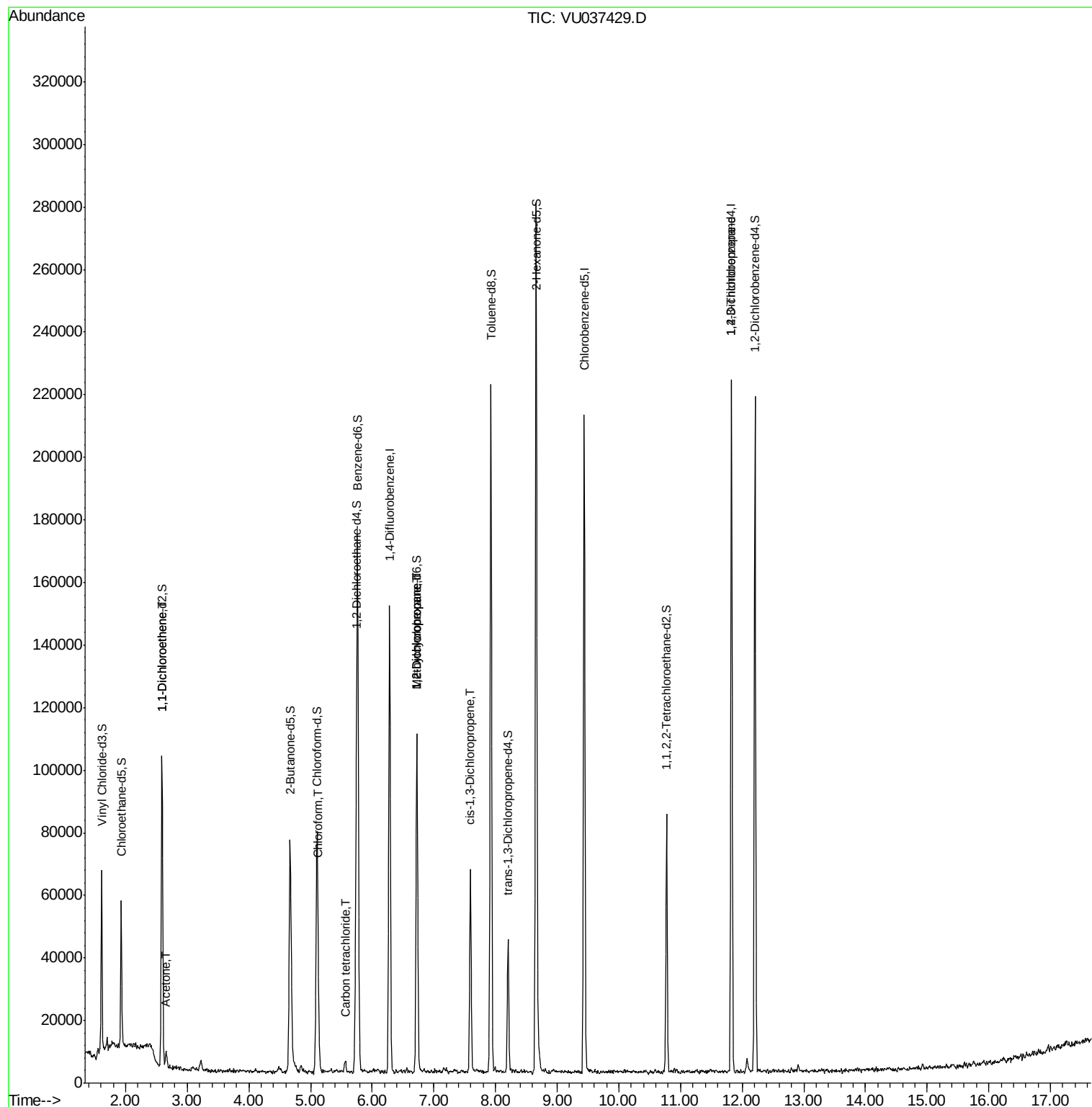
					Ovalue
12) 1,1-Dichloroethene	2.59	96	767	0.103 ug/L #	1
13) Acetone	2.66	43	6015	4.575 ug/L	83
25) Chloroform	5.13	83	10368	0.674 ug/L	96
31) Carbon tetrachloride	5.56	117	2282	0.195 ug/L	98
35) Methylcyclohexane	6.73	83	11061	0.769 ug/L #	20
37) 1,2-Dichloropropane	6.72	63	5728	0.695 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1766	0.131 ug/L #	37
59) 1,2,3-Trichloropropane	11.83	75	7515	1.310 ug/L	94

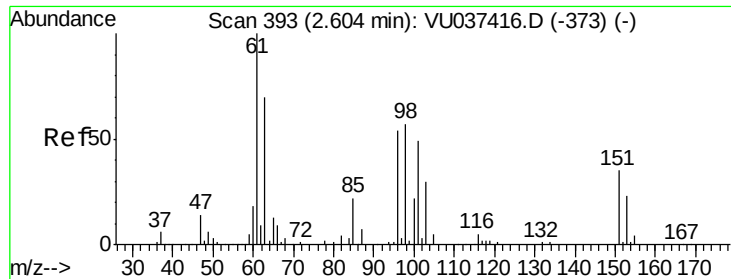
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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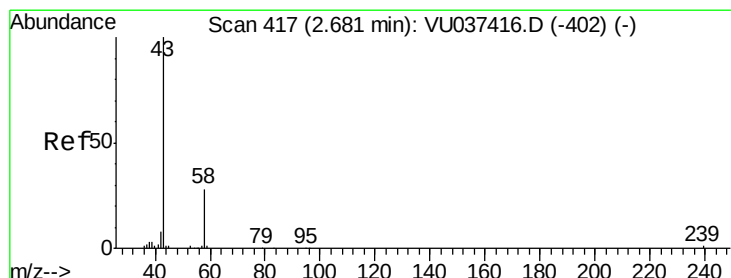
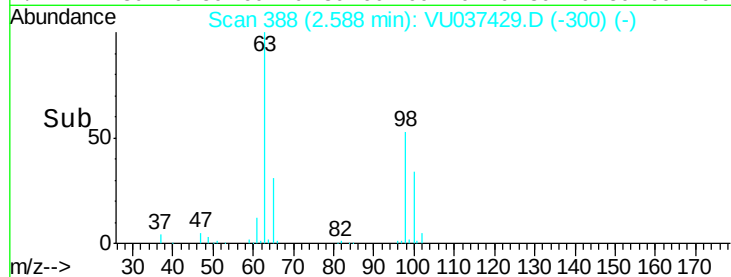
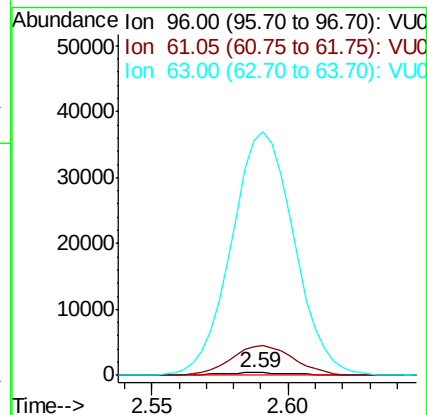
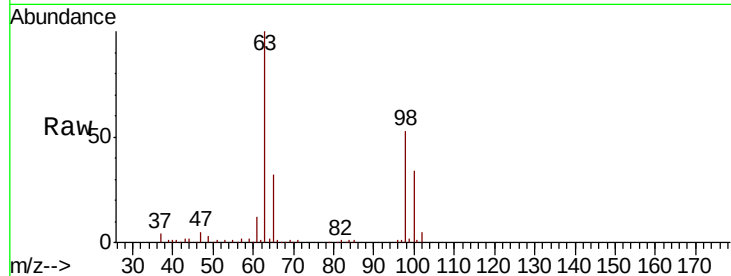




#12
 1,1-Dichloroethene
 Concen: 0.103 ug/L
 RT: 2.59 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: VU037429.D
 Acq: 28 Mar 2020 20:15

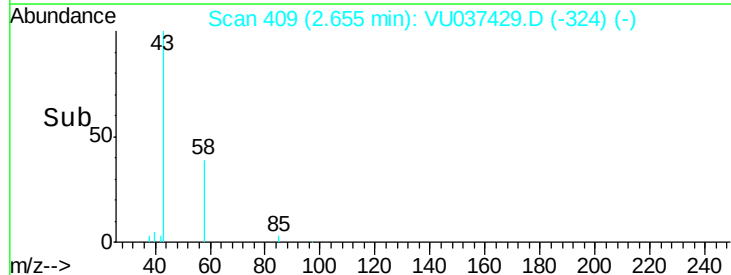
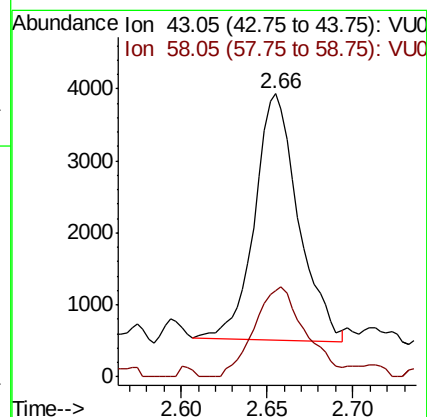
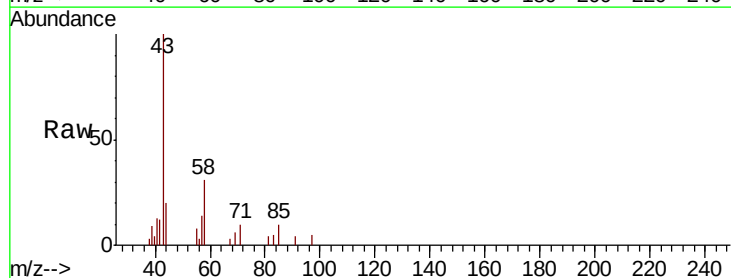
Instrument :
 MSVOA_U
 ClientSampleId :

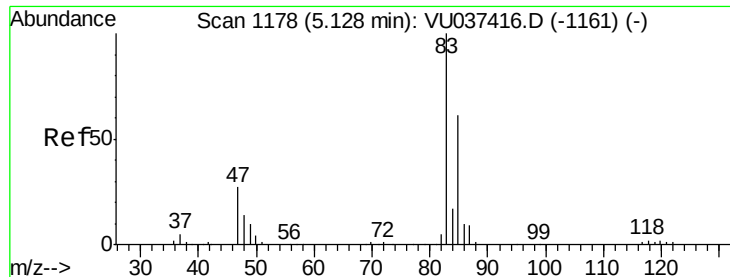
Tot Ion: 96 Resp: 767
 Ion Ratio Lower Upper
 96 100
 61 1146.5 125.4 232.8#
 63 9345.9 90.9 168.7#



#13
 Acetone
 Concen: 4.575 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: VU037429.D
 Acq: 28 Mar 2020 20:15

Tgt Ion: 43 Resp: 6015
 Ion Ratio Lower Upper
 43 100
 58 42.7 0.0 66.0

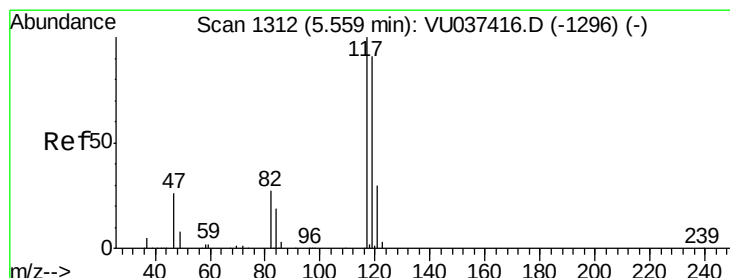
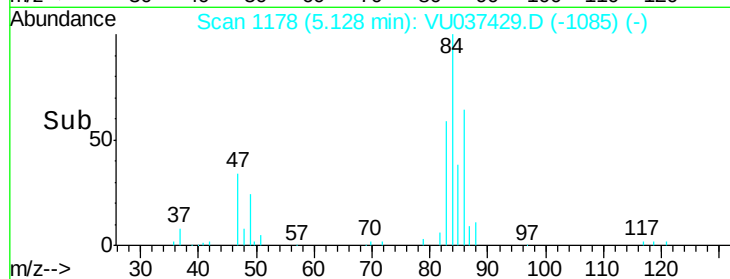
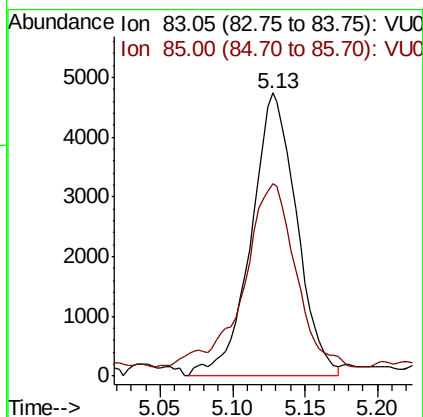
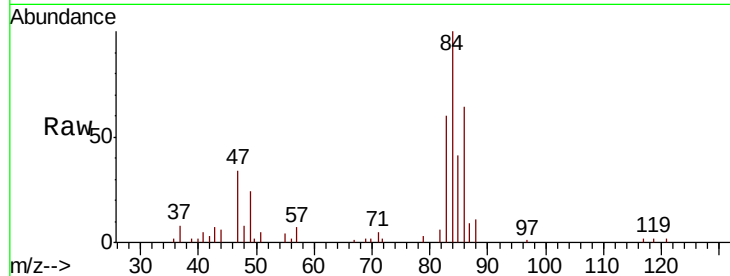




#25
Chloroform
Concen: 0.674 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037429.D
Acq: 28 Mar 2020 20:15

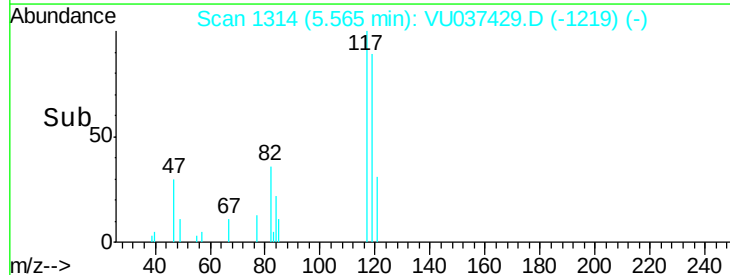
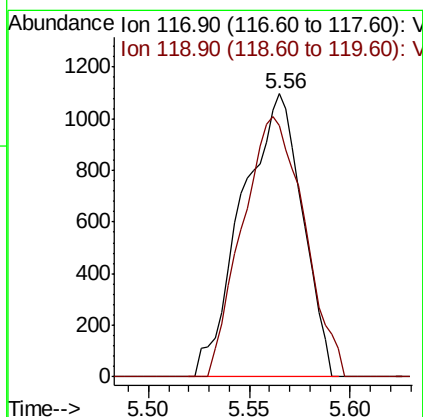
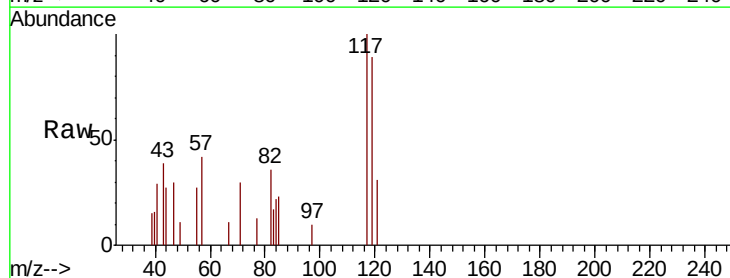
Instrument :
MSVOA_U
ClientSampleId :

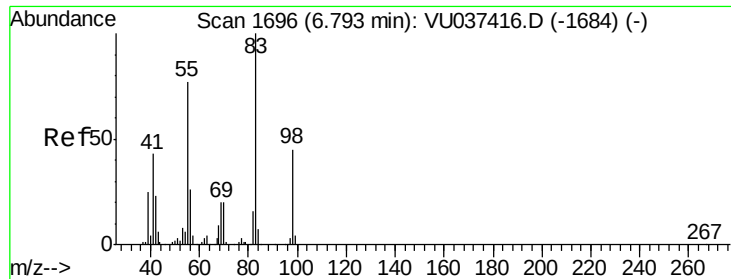
Tot Ion: 83 Resp: 10368
Ion Ratio Lower Upper
83 100
85 67.8 45.4 84.4



#31
Carbon tetrachloride
Concen: 0.195 ug/L
RT: 5.56 min Scan# 1314
Delta R.T. 0.01 min
Lab File: VU037429.D
Acq: 28 Mar 2020 20:15

Tgt Ion: 117 Resp: 2282
Ion Ratio Lower Upper
117 100
119 94.7 77.7 116.5

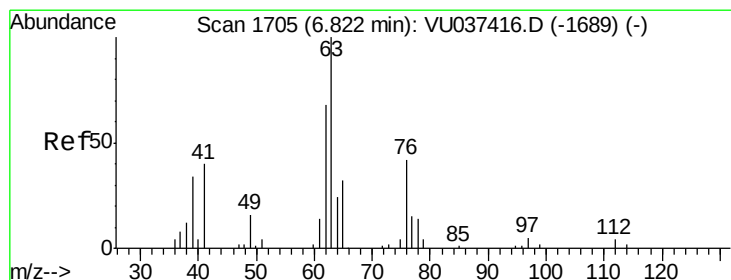
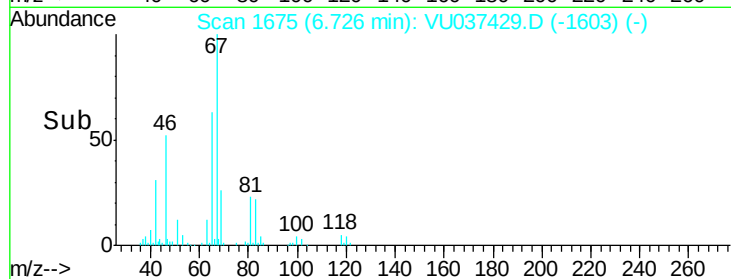
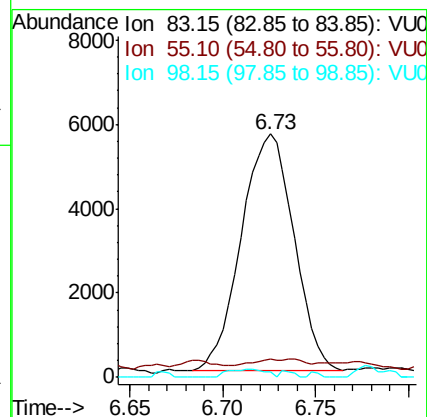
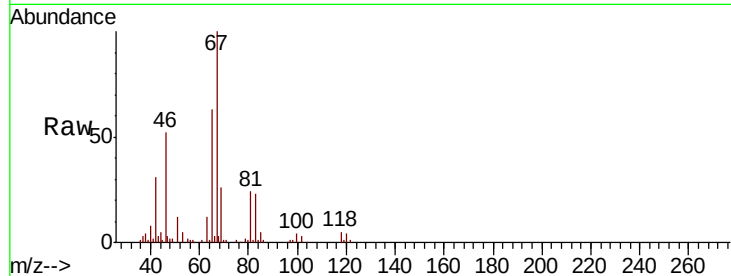




#35
Methvlcvclohexane
Concen: 0.769 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037429.D
Acq: 28 Mar 2020 20:15

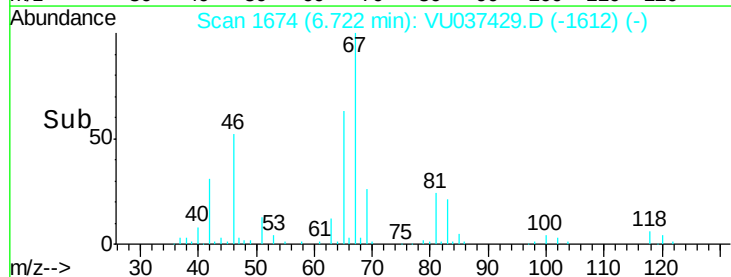
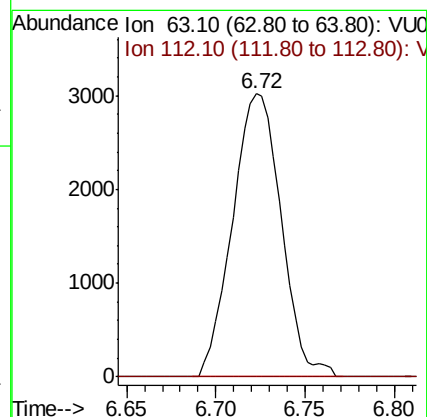
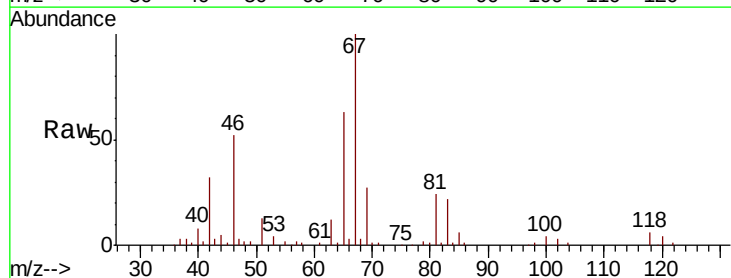
Instrument :
MSVOA_U
ClientSampleId :

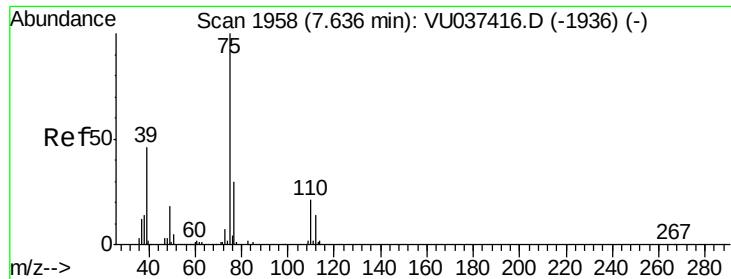
Tot Ion	83	Resp	11061
Ion Ratio	Lower	Upper	
83	100		
55	1.5	64.2	96.4#
98	2.5	36.3	54.5#



#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037429.D
Acq: 28 Mar 2020 20:15

Tgt Ion	63	Resp	5728
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037429.D

Acq: 28 Mar 2020 20:15

Instrument :

MSVOA_U

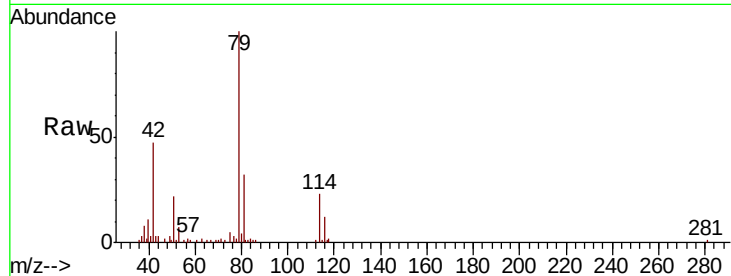
ClientSampleId :

Tot Ion: 75 Resp: 1766

Ion Ratio Lower Upper

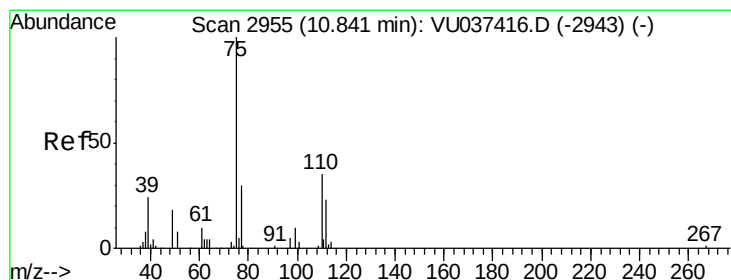
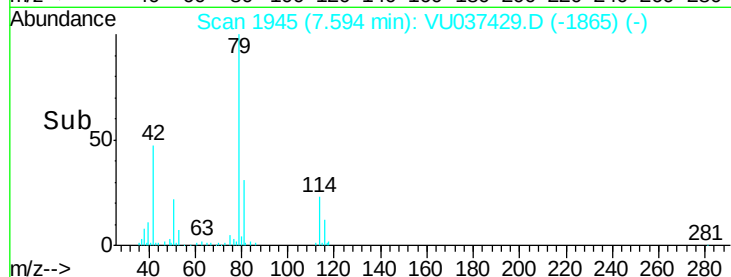
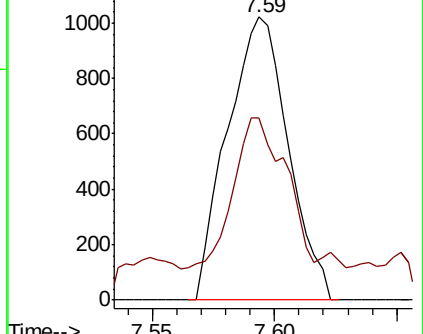
75 100

77 64.3 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.310 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037429.D

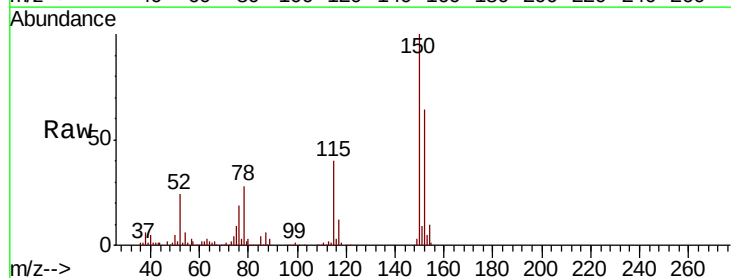
Acq: 28 Mar 2020 20:15

Tgt Ion: 75 Resp: 7515

Ion Ratio Lower Upper

75 100

77 37.8 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

