

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037436.D
 Acq On : 28 Mar 2020 23:08
 Operator : JC/MD
 Sample : L2002-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:25:57 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	107978	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	102611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	50523	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36443	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	31130	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	56915	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.66	46	105283	48.46	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.92%
24) Chloroform-d	5.10	84	65595	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.74	65	41758	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.76	84	144271	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	46962	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	135287	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.20	79	21013	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.66	63	92155	50.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	37975	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	49320	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

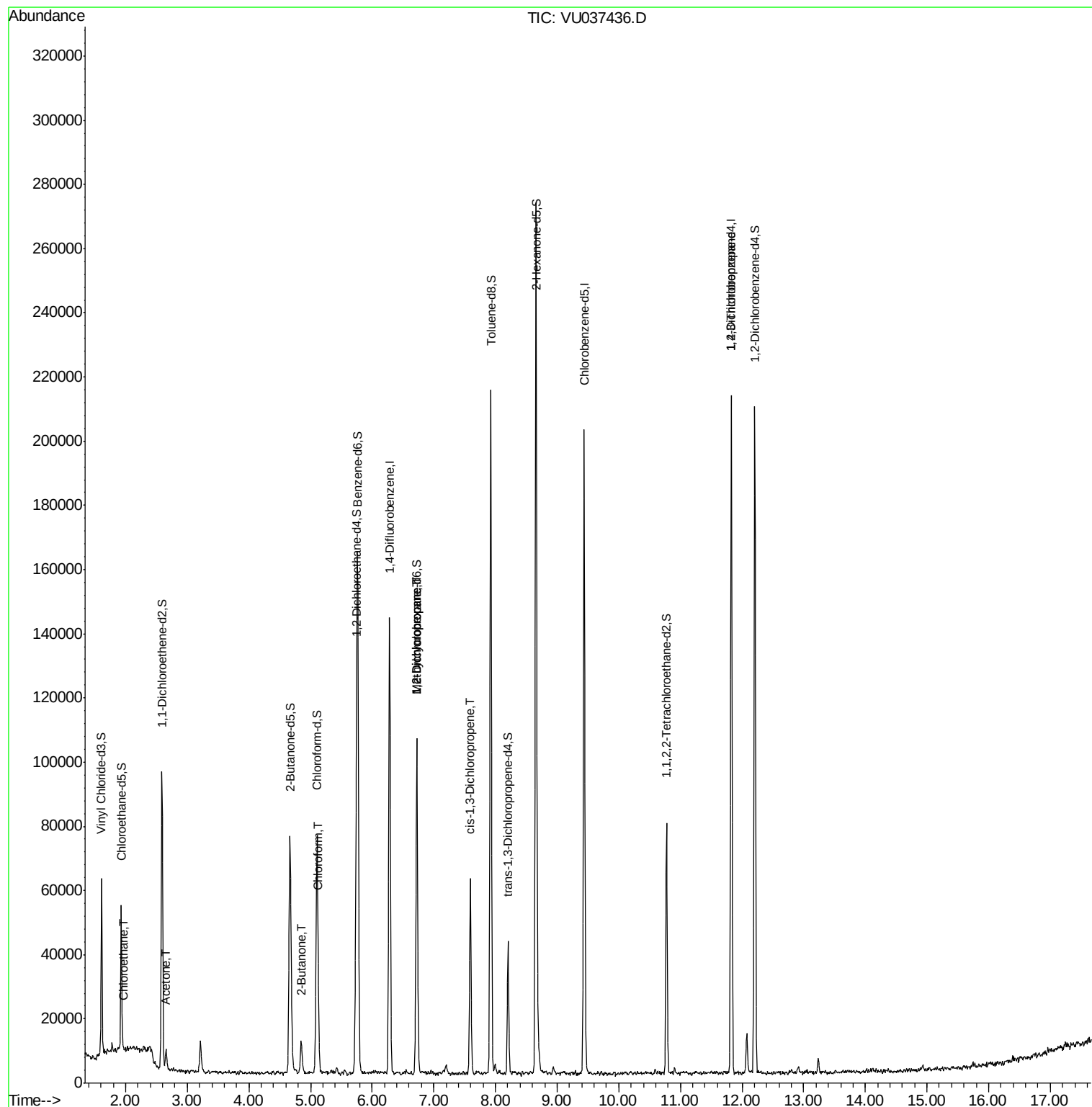
					Ovalue
8) Chloroethane	1.97	64	395	0.084 ug/L	84
13) Acetone	2.66	43	7469	5.983 ug/L	98
21) 2-Butanone	4.85	43	13701	6.456 ug/L #	46
25) Chloroform	5.13	83	9103	0.623 ug/L	94
35) Methylcyclohexane	6.72	83	11816	0.863 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	5330	0.679 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1629	0.127 ug/L #	27
59) 1,2,3-Trichloropropane	11.83	75	6585	1.205 ug/L #	80

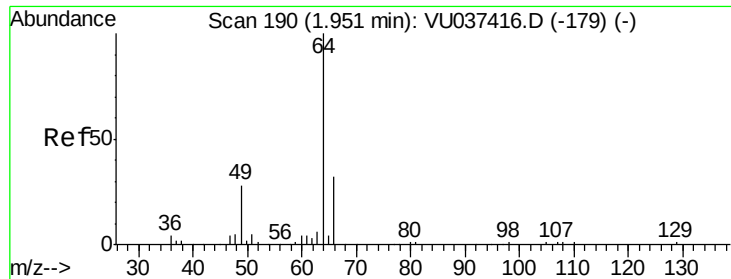
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032820\
Data File : VU037436.D
Acq On : 28 Mar 2020 23:08
Operator : JC/MD
Sample : L2002-18
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 30 00:25:57 2020
Quant Method : Z:\V0ASRV\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

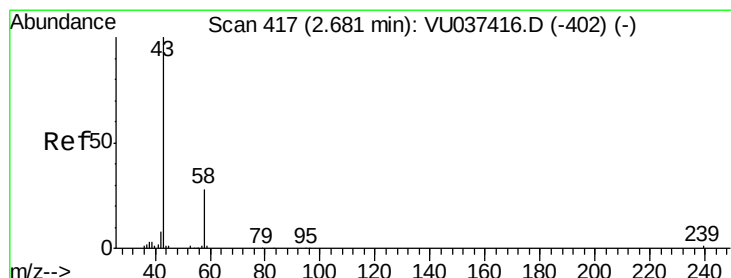
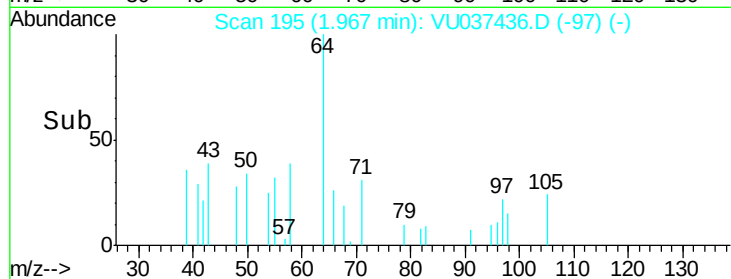
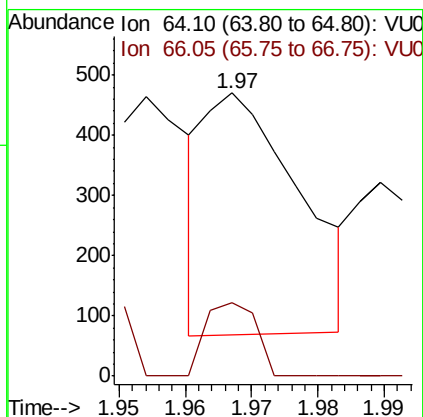
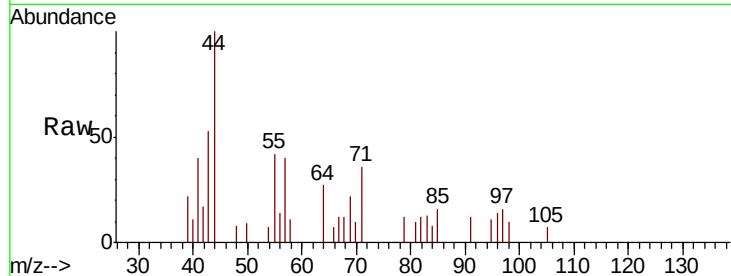




#8
Chloroethane
Concen: 0.084 ug/L
RT: 1.97 min Scan# 195
Delta R.T. 0.02 min
Lab File: VU037436.D
Acq: 28 Mar 2020 23:08

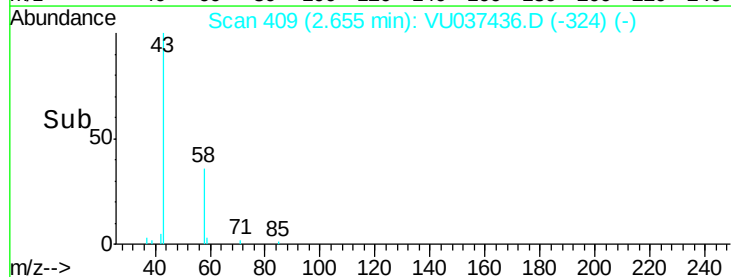
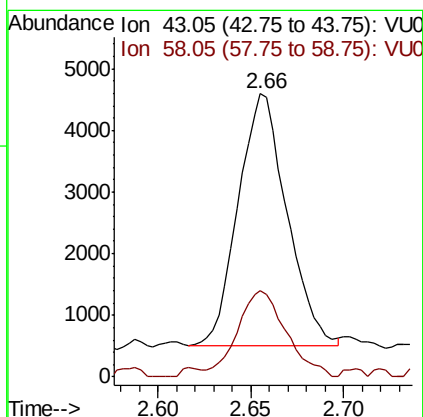
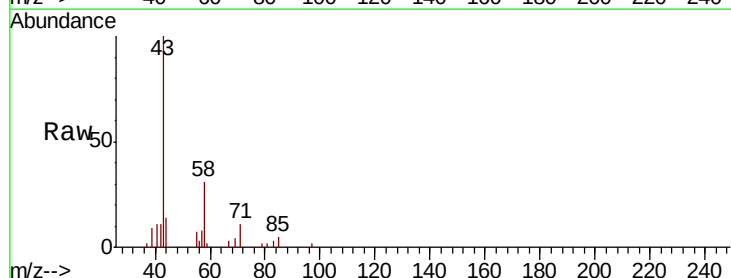
Instrument :
MSVOA_U
ClientSampleId :

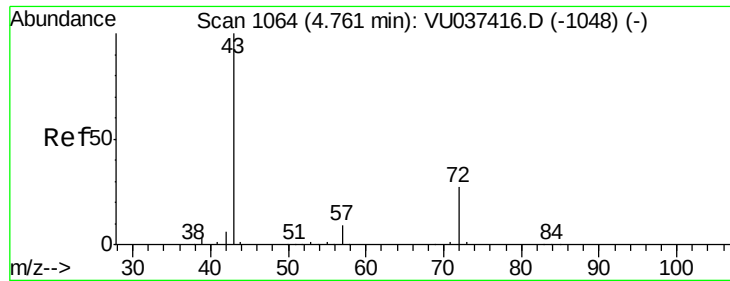
Tot Ion: 64 Resp: 395
Ion Ratio Lower Upper
64 100
66 26.0 24.8 46.0



#13
Acetone
Concen: 5.983 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.03 min
Lab File: VU037436.D
Acq: 28 Mar 2020 23:08

Tgt Ion: 43 Resp: 7469
Ion Ratio Lower Upper
43 100
58 34.0 0.0 66.0

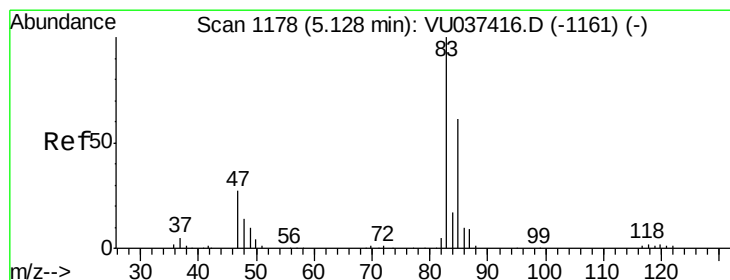
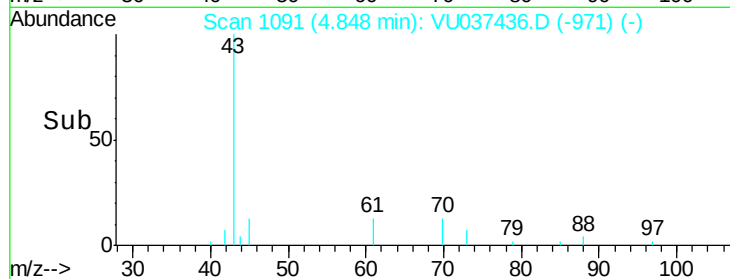
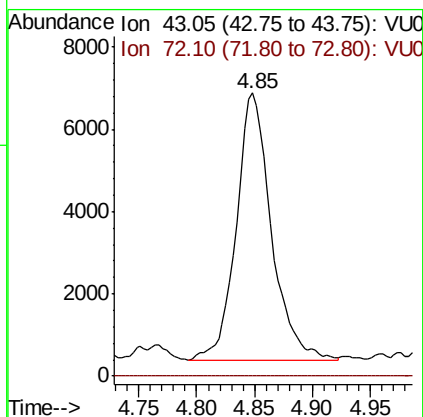
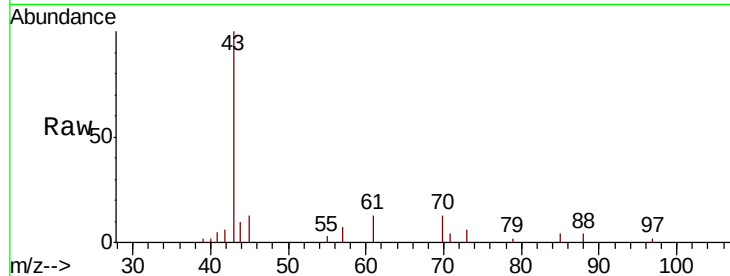




#21
2-Butanone
Concen: 6.456 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.09 min
Lab File: VU037436.D
Acq: 28 Mar 2020 23:08

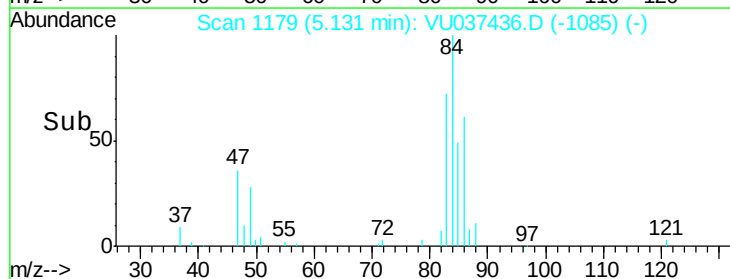
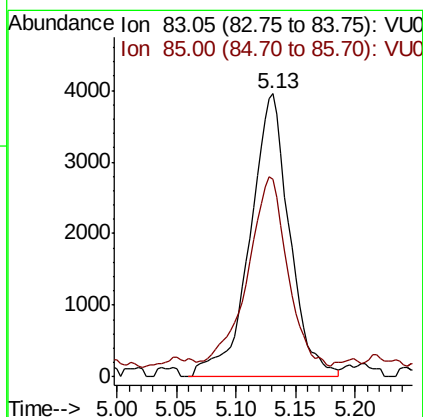
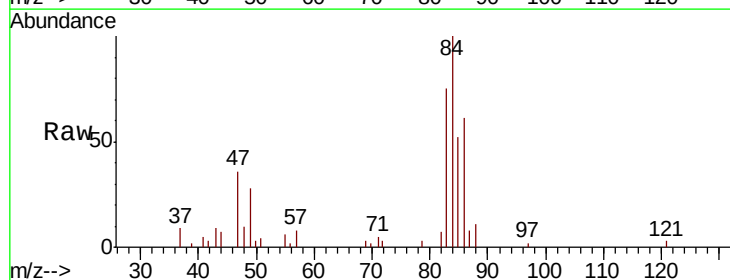
Instrument :
MSVOA_U
ClientSampleId :

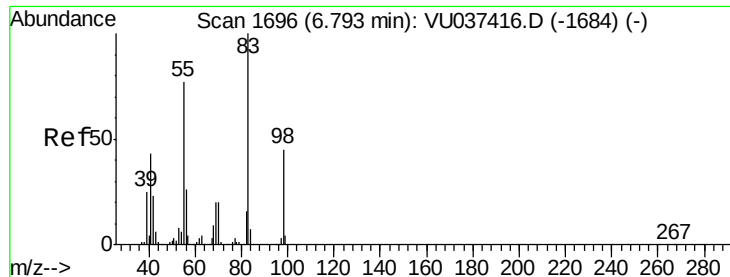
Tot Ion: 43 Resp: 13701
Ion Ratio Lower Upper
43 100
72 0.0 14.2 42.6#



#25
Chloroform
Concen: 0.623 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037436.D
Acq: 28 Mar 2020 23:08

Tgt Ion: 83 Resp: 9103
Ion Ratio Lower Upper
83 100
85 69.9 45.4 84.4

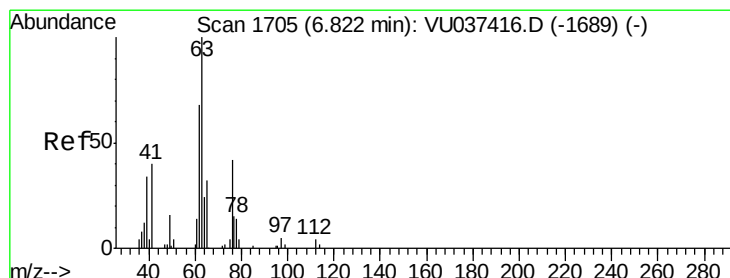
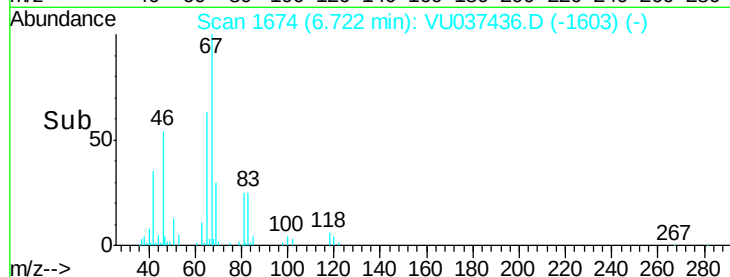
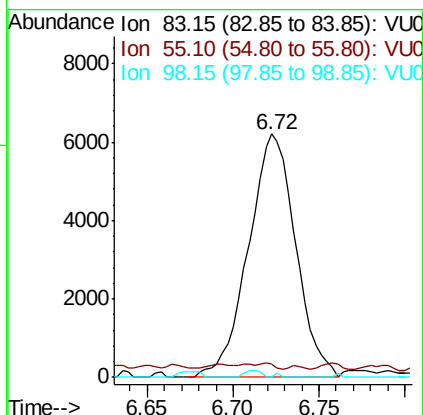
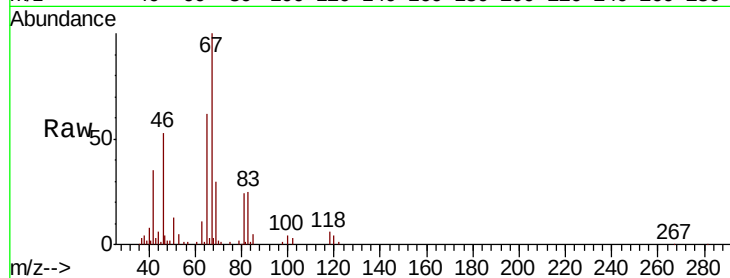




#35
Methylcyclohexane
Concen: 0.863 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037436.D
Acq: 28 Mar 2020 23:08

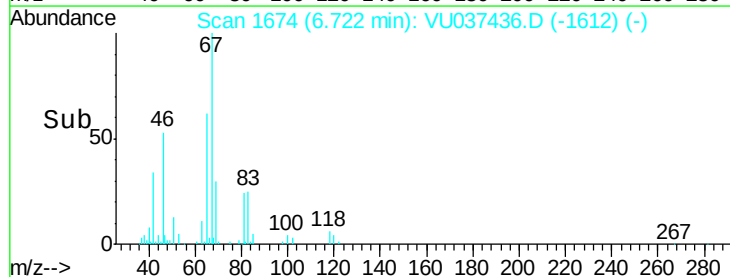
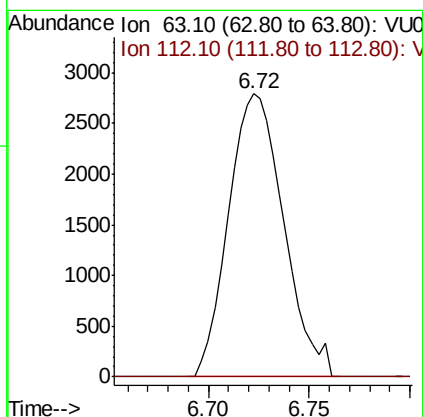
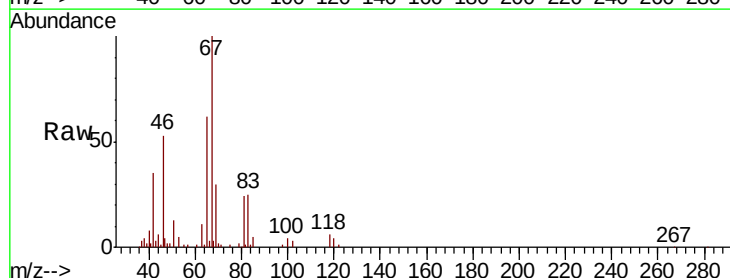
Instrument :
MSVOA_U
ClientSampleId :

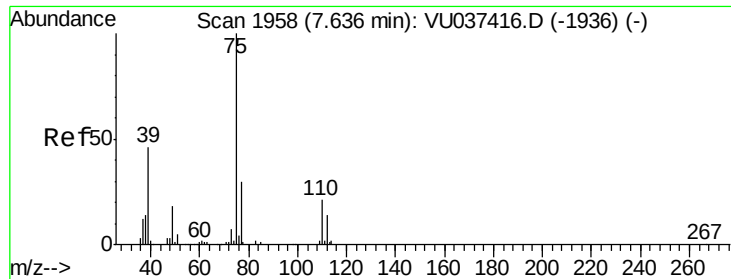
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.7	64.2	96.4#
98	0.2	36.3	54.5#



#37
1,2-Dichloropropane
Concen: 0.679 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037436.D
Acq: 28 Mar 2020 23:08

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





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037436.D

Acq: 28 Mar 2020 23:08

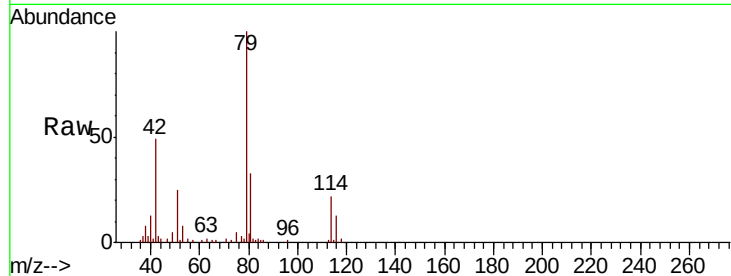
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 1629

Ion Ratio Lower Upper

75 100

77 70.0 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.59

1000

800

600

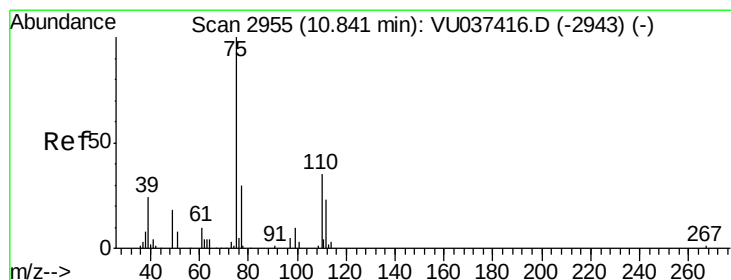
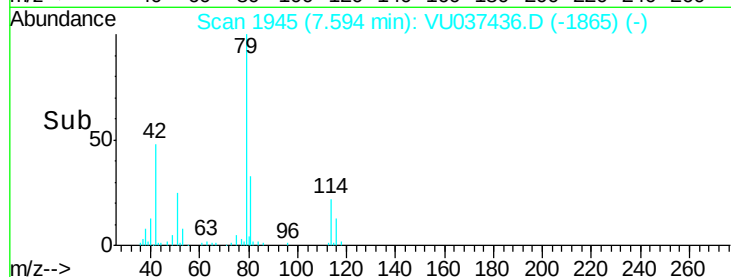
400

200

0

7.55 7.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.205 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037436.D

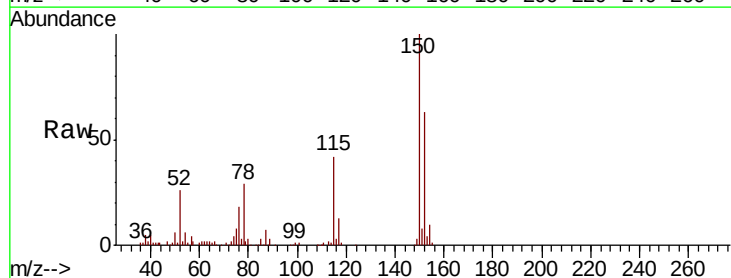
Acq: 28 Mar 2020 23:08

Tgt Ion: 75 Resp: 6585

Ion Ratio Lower Upper

75 100

77 45.9 27.4 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

4000

3000

2000

1000

0

11.80 11.85

Time-->

