

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037431.D
 Acq On : 28 Mar 2020 21:04
 Operator : JC/MD
 Sample : L2002-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 00:25:11 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	104688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	99657	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48961	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38635	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.93	69	34251	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.59	63	60068	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	4.67	46	103268	49.03	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.06%
24) Chloroform-d	5.11	84	71486	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	43542	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.76	84	152095	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.72	67	49055	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.92	98	142900	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	8.20	79	22227	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.66	63	94989	53.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39578	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	53630	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

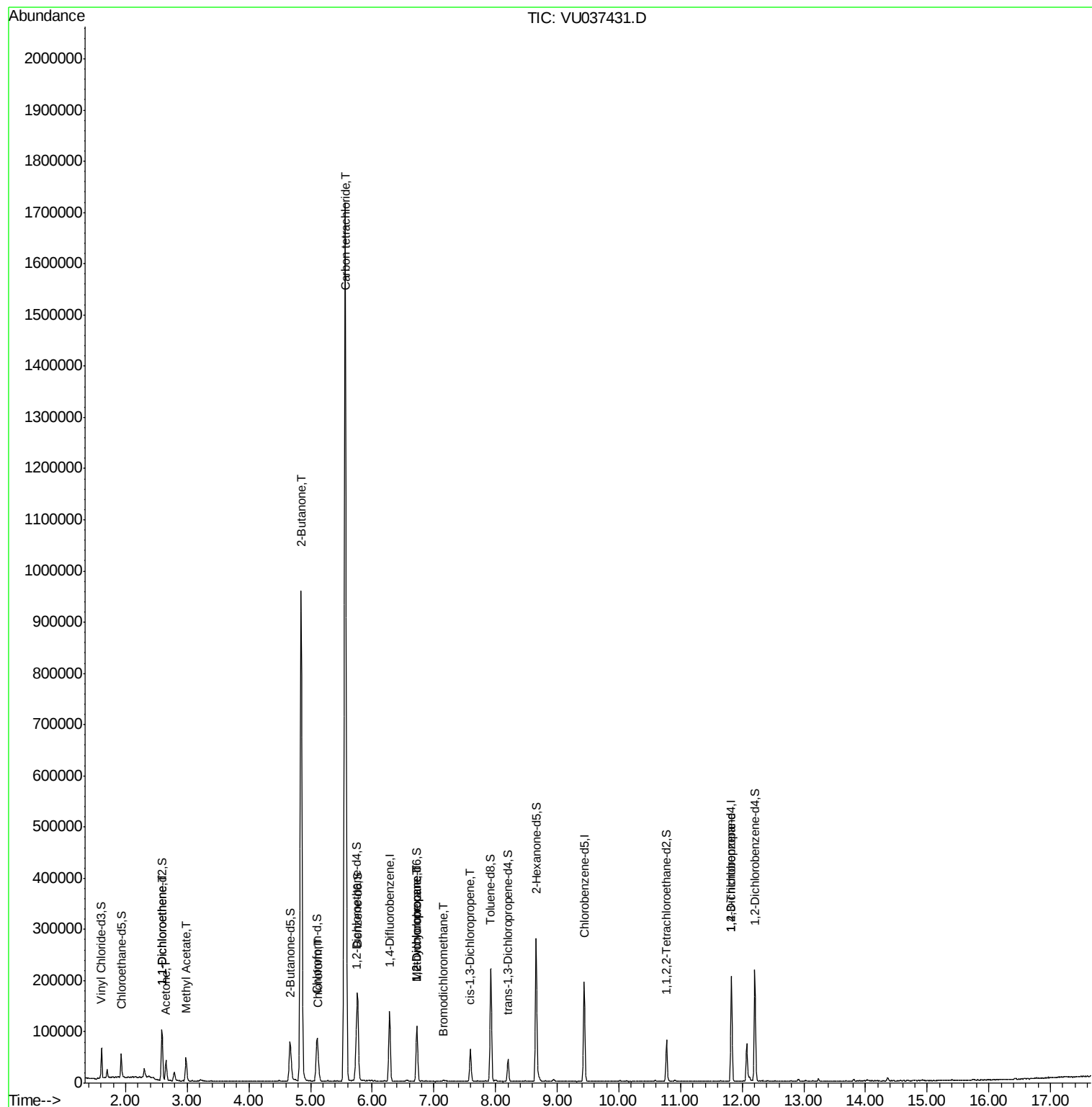
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	890	0.129	ug/L #	1
13) Acetone	2.66	43	43068	35.585	ug/L	99
15) Methyl Acetate	2.98	43	54132	16.009	ug/L	97
21) 2-Butanone	4.84	43	1248636	606.878	ug/L #	46
25) Chloroform	5.13	83	18672	1.319	ug/L	91
31) Carbon tetrachloride	5.56	117	1128457	104.340	ug/L	99
35) Methylcyclohexane	6.72	83	12053	0.906	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	5503	0.721	ug/L #	88
38) Bromodichloromethane	7.14	83	1031	0.099	ug/L #	69
39) cis-1,3-Dichloropropene	7.59	75	1586	0.127	ug/L #	57
59) 1,2,3-Trichloropropane	11.83	75	6768	1.275	ug/L	93

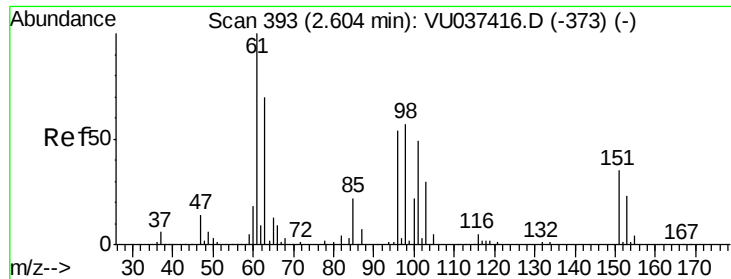
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
Data File : VU037431.D
Acq On : 28 Mar 2020 21:04
Operator : JC/MD
Sample : L2002-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 30 00:25:11 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

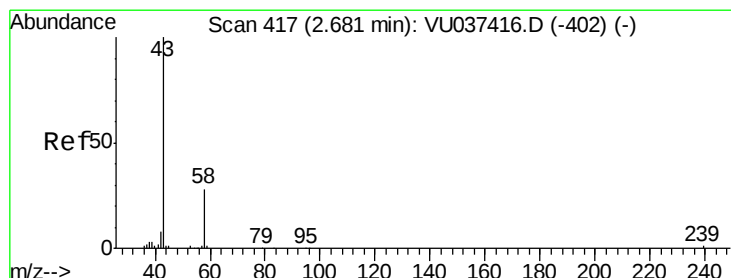
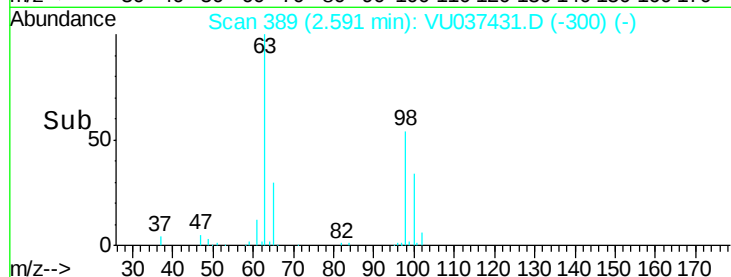
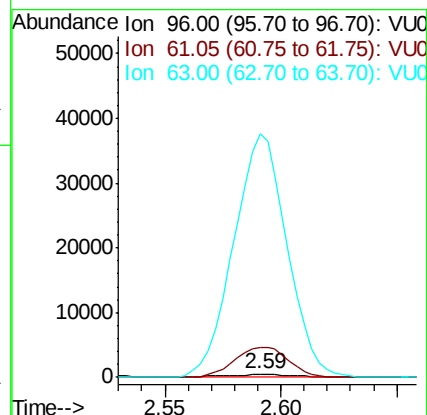
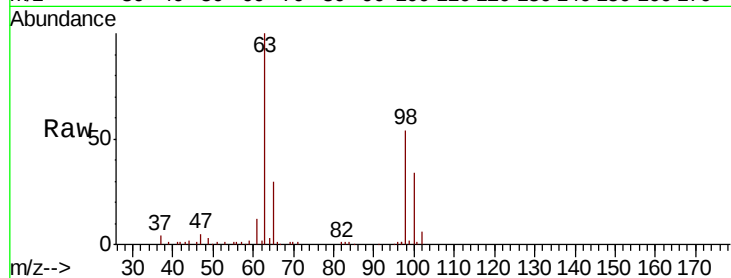




#12
 1,1-Dichloroethene
 Concen: 0.129 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VU037431.D
 Acq: 28 Mar 2020 21:04

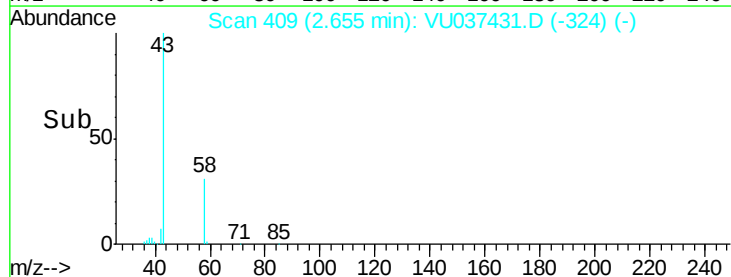
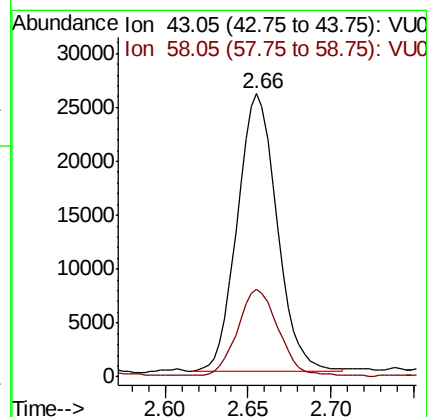
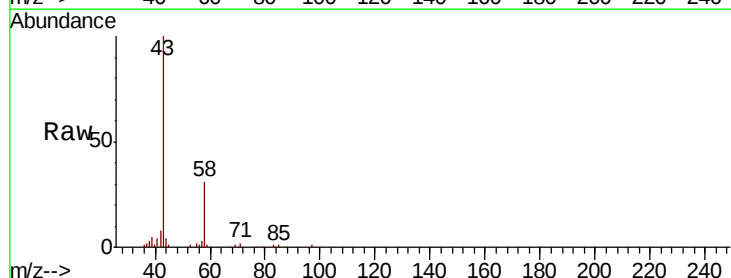
Instrument :
 MSVOA_U
 ClientSampleId :

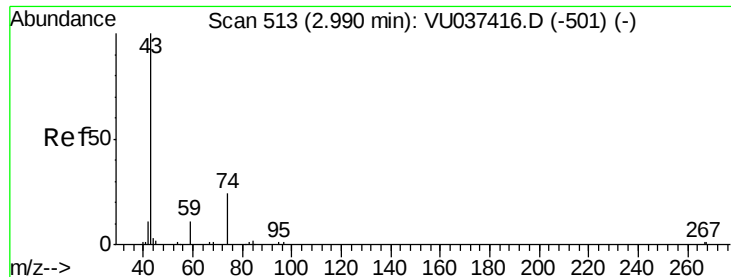
Tot Ion: 96 Resp: 890
 Ion Ratio Lower Upper
 96 100
 61 630.7 125.4 232.8#
 63 5171.9 90.9 168.7#



#13
 Acetone
 Concen: 35.585 ug/L
 RT: 2.66 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: VU037431.D
 Acq: 28 Mar 2020 21:04

Tgt Ion: 43 Resp: 43068
 Ion Ratio Lower Upper
 43 100
 58 33.5 0.0 66.0

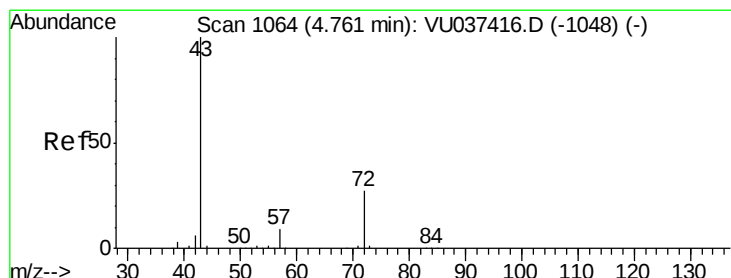
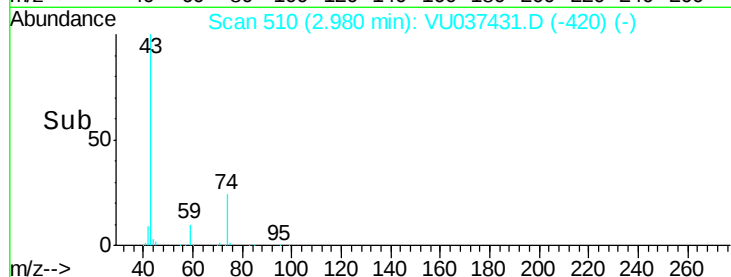
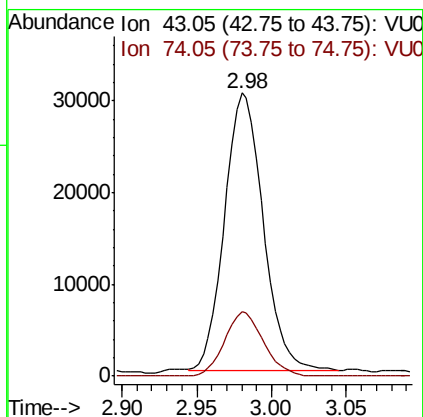
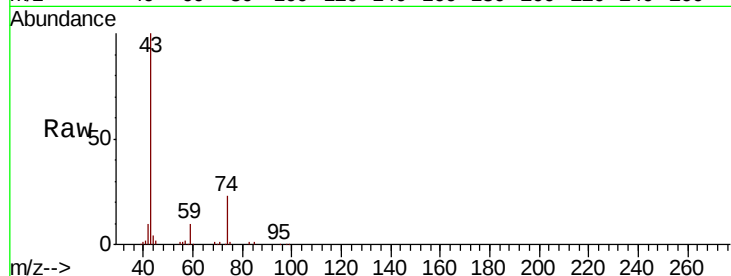




#15
Methvl Acetate
Concen: 16.009 ug/L
RT: 2.98 min Scan# 510
Delta R.T. -0.01 min
Lab File: VU037431.D
Acq: 28 Mar 2020 21:04

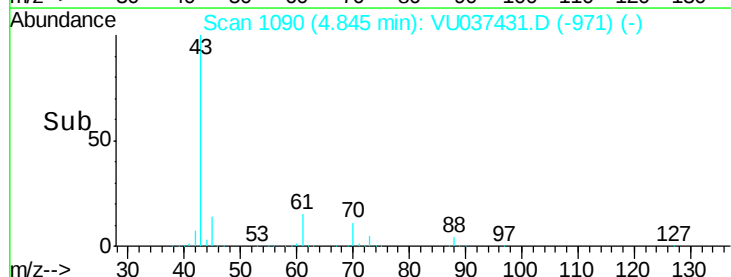
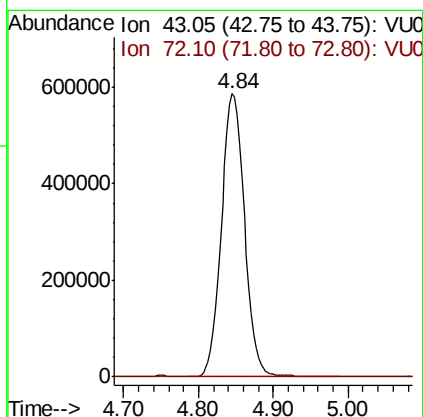
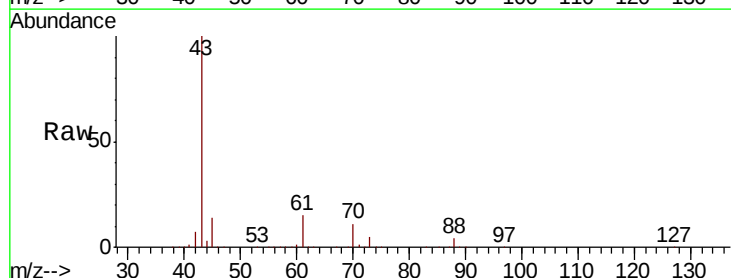
Instrument :
MSVOA_U
ClientSampleId :

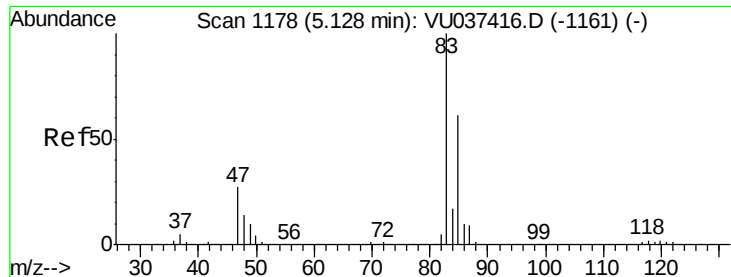
Tot Ion: 43 Resp: 54132
Ion Ratio Lower Upper
43 100
74 23.4 19.8 29.6



#21
2-Butanone
Concen: 606.878 ug/L
RT: 4.84 min Scan# 1090
Delta R.T. 0.08 min
Lab File: VU037431.D
Acq: 28 Mar 2020 21:04

Tgt Ion: 43 Resp: 1248636
Ion Ratio Lower Upper
43 100
72 0.1 14.2 42.6#

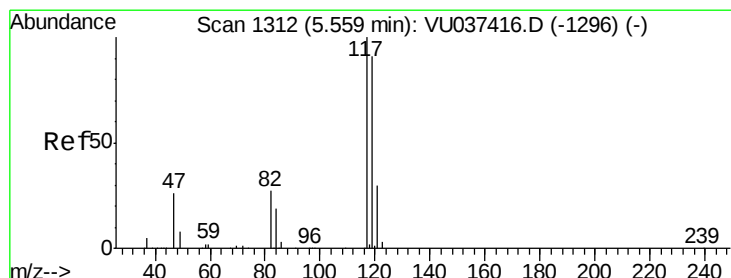
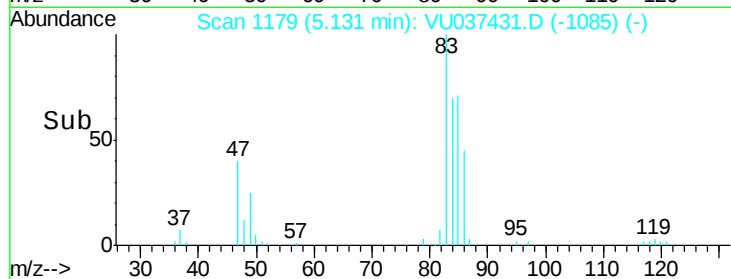
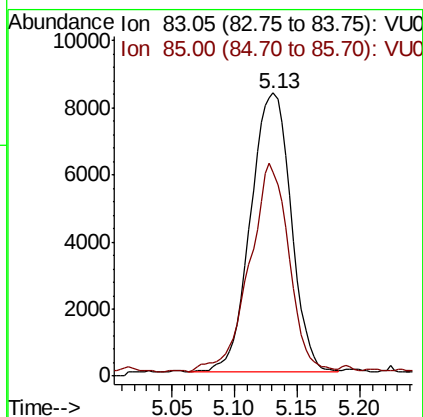
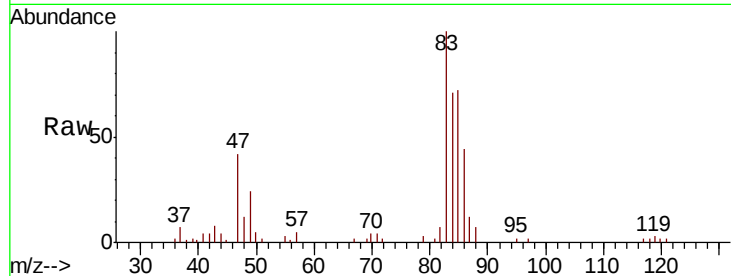




#25
Chloroform
Concen: 1.319 ug/L
RT: 5.13 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU037431.D
Acq: 28 Mar 2020 21:04

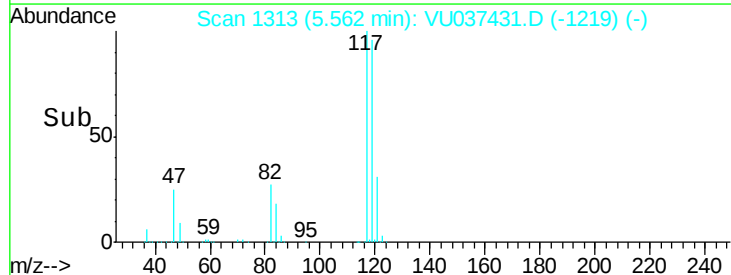
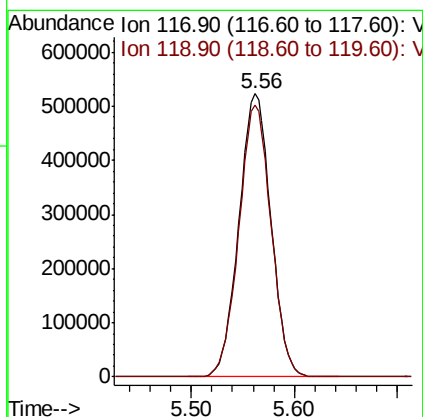
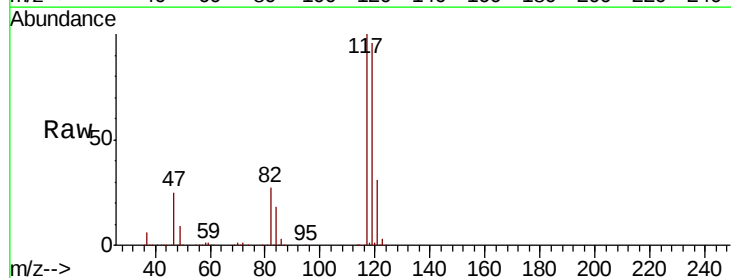
Instrument :
MSVOA_U
ClientSampleId :

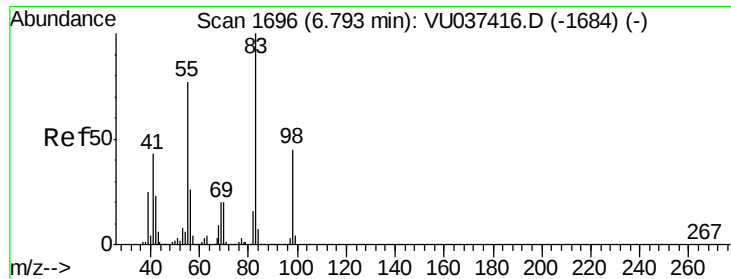
Tot Ion: 83 Resp: 18672
Ion Ratio Lower Upper
83 100
85 72.2 45.4 84.4



#31
Carbon tetrachloride
Concen: 104.340 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037431.D
Acq: 28 Mar 2020 21:04

Tgt Ion: 117 Resp: 1128457
Ion Ratio Lower Upper
117 100
119 96.6 77.7 116.5

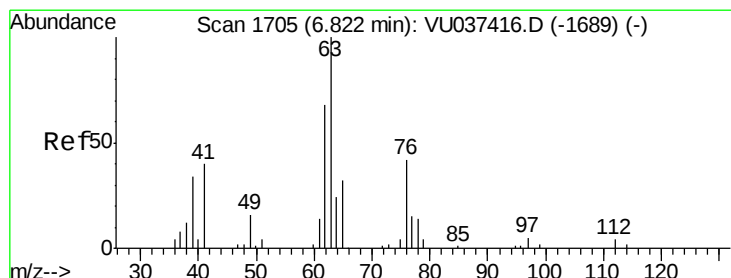
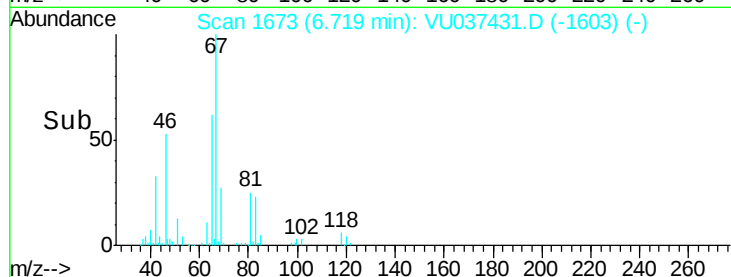
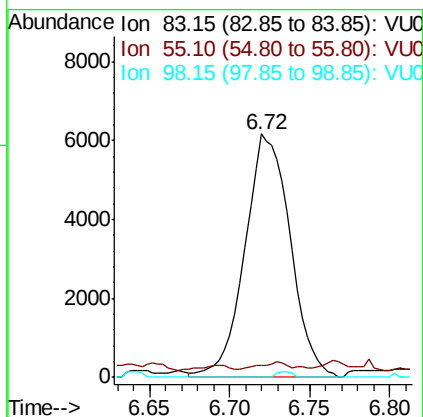
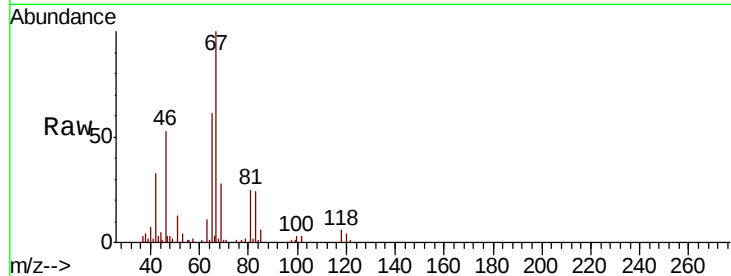




#35
Methvlcvclohexane
Concen: 0.906 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU037431.D
Acq: 28 Mar 2020 21:04

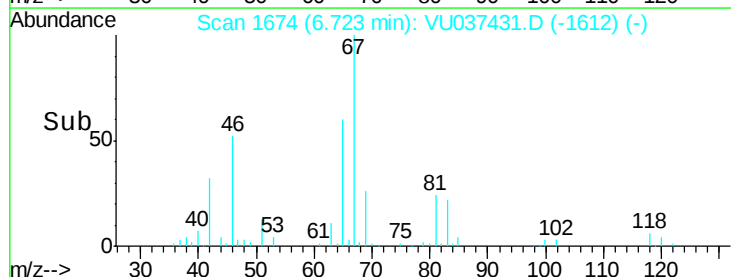
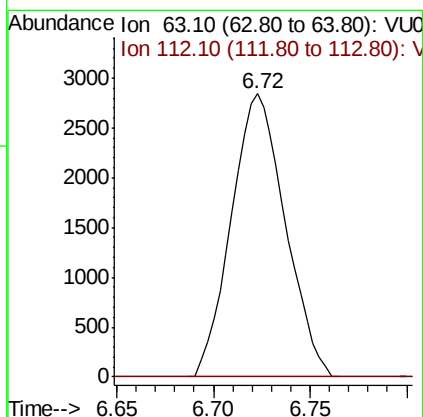
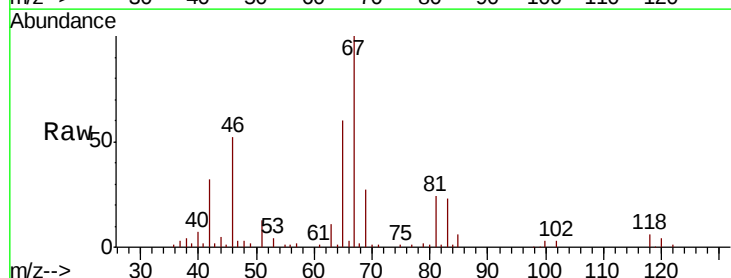
Instrument :
MSVOA_U
ClientSampleId :

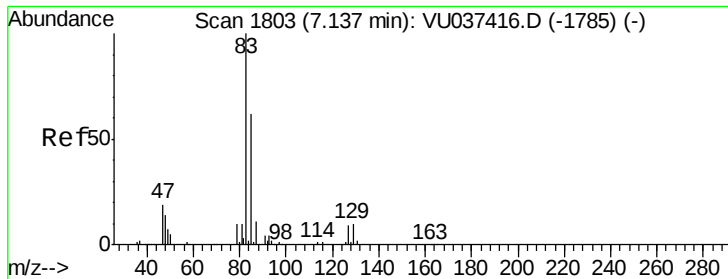
Tot Ion	83	Resp	12053
Ion Ratio	100		
Lower	64.2		
Upper	96.4#		
55	2.0		
98	0.8		
	36.3		
	54.5#		



#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037431.D
Acq: 28 Mar 2020 21:04

Tgt Ion	63	Resp	5503
Ion Ratio	100		
Lower	3.0		
Upper	4.6#		
112	0.0		





#38

Bromodichloromethane

Concen: 0.099 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU037431.D

Acq: 28 Mar 2020 21:04

Instrument :

MSVOA_U

ClientSampleId :

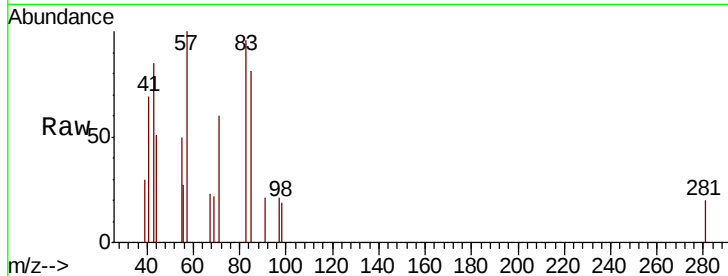
Tot Ion: 83 Resp: 1031

Ion Ratio Lower Upper

83 100

85 84.9 42.4 78.8#

127 0.0 7.0 10.6#



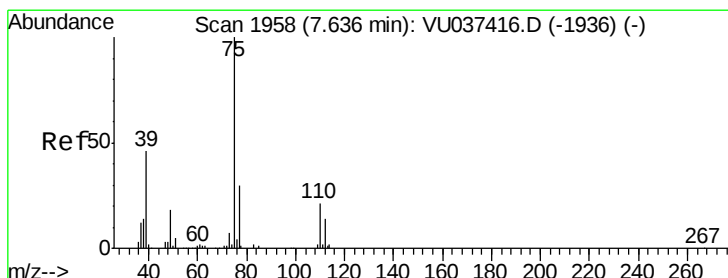
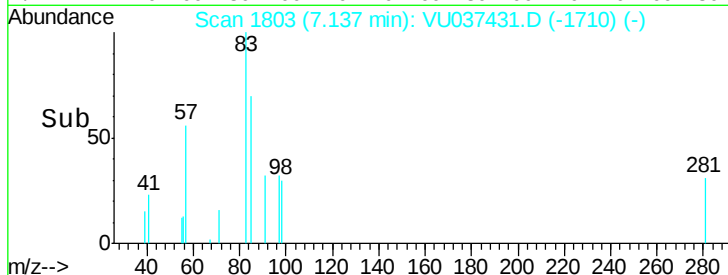
Abundance Ion 82.95 (82.65 to 83.65): VU037431.D (-1710) (-)

Ion 85.00 (84.70 to 85.70): VU037431.D (-1710) (-)

Ion 126.90 (126.60 to 127.60): VU037431.D (-1710) (-)

7.14

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU037431.D

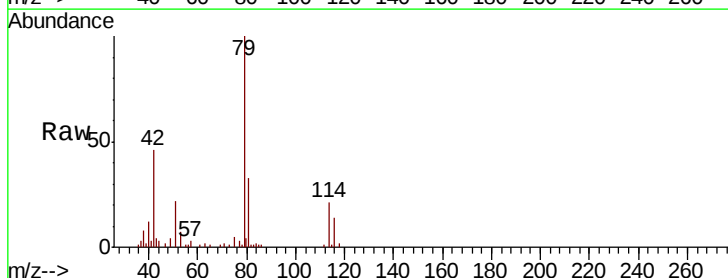
Acq: 28 Mar 2020 21:04

Tgt Ion: 75 Resp: 1586

Ion Ratio Lower Upper

75 100

77 53.8 21.1 39.3#

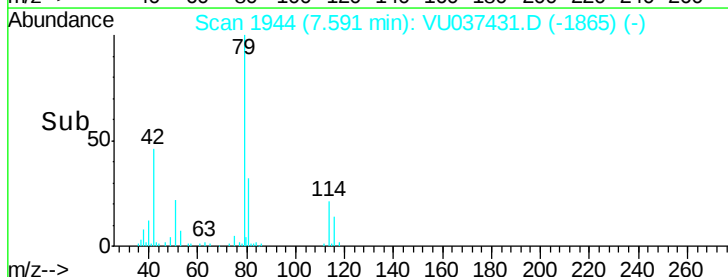


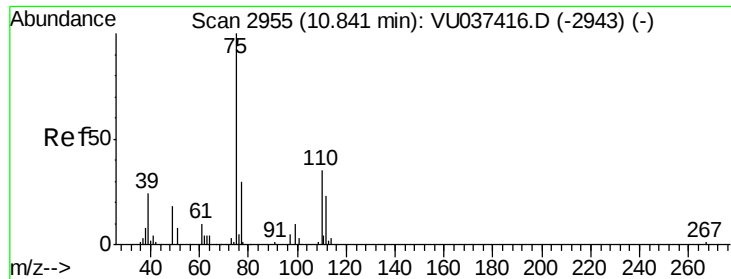
Abundance Ion 75.05 (74.75 to 75.75): VU037431.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU037431.D (-1865) (-)

7.59

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.275 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037431.D

Acq: 28 Mar 2020 21:04

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6768

Ion Ratio Lower Upper

75 100

77 38.5 27.4 41.2

