

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037481.D
 Acq On : 31 Mar 2020 00:44
 Operator : JC/MD
 Sample : L2002-14DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 04:04:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	94824	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	90673	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28728	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	25425	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.59	63	43355	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.68	46	107519	56.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.72%
24) Chloroform-d	5.11	84	61513	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.74	65	34925	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.76	84	120910	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.73	67	41452	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.92	98	109296	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.20	79	18046	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.66	63	90619	55.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.80%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	35203	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	40818	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

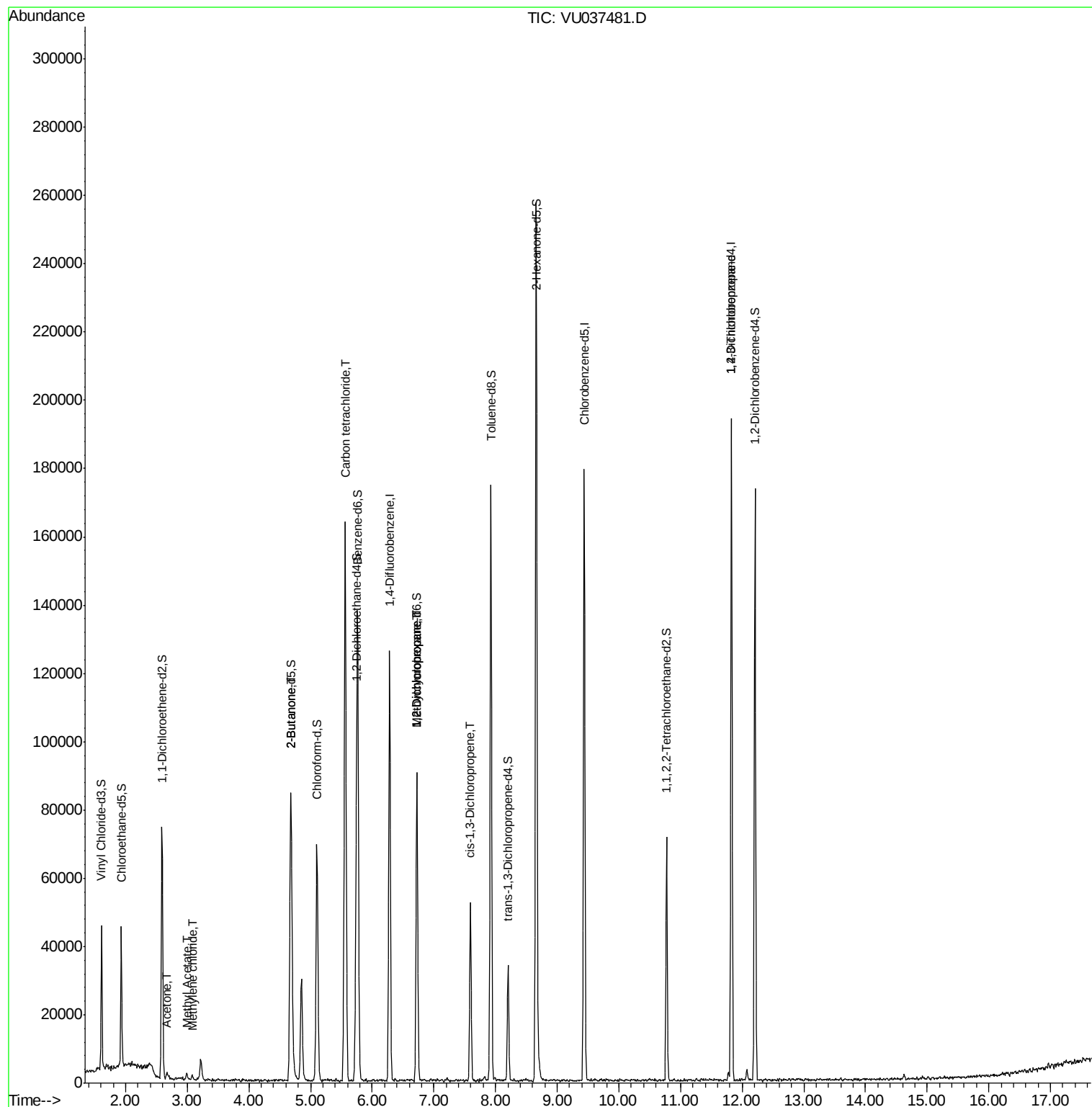
					Ovalue
13) Acetone	2.67	43	2500	2.281	ug/L 93
15) Methyl Acetate	2.99	43	2827	0.923	ug/L # 73
16) Methylene chloride	3.08	84	635	0.091	ug/L 93
21) 2-Butanone	4.67	43	2506	1.345	ug/L # 52
31) Carbon tetrachloride	5.56	117	106267	10.799	ug/L 99
35) Methylcyclohexane	6.73	83	9727	0.804	ug/L # 18
37) 1,2-Dichloropropane	6.73	63	4844	0.698	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	1283	0.113	ug/L # 49
59) 1,2,3-Trichloropropane	11.83	75	7075	1.465	ug/L 100

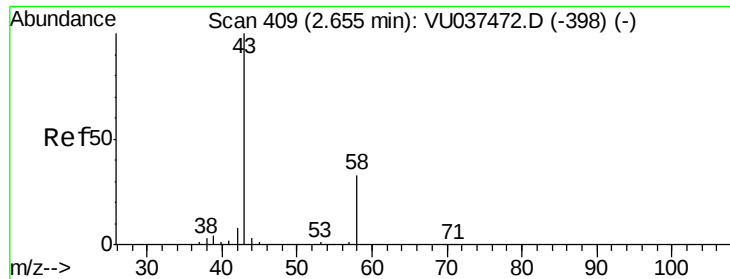
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 31 04:01:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.281 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.02 min

Lab File: VU037481.D

Acq: 31 Mar 2020 00:44

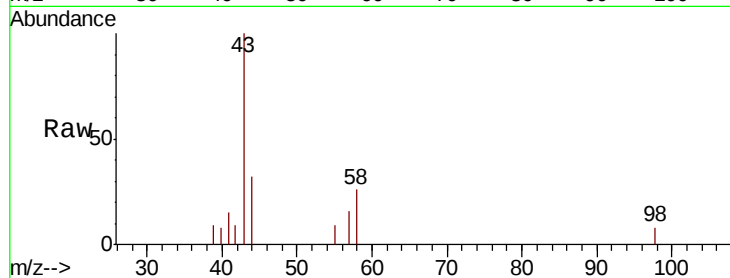
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 2500

Ion Ratio Lower Upper

43 100

58 28.8 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU037481.D (-414) (-)

Ion 58.05 (57.75 to 58.75): VU037481.D (-414) (-)

2.67

1500

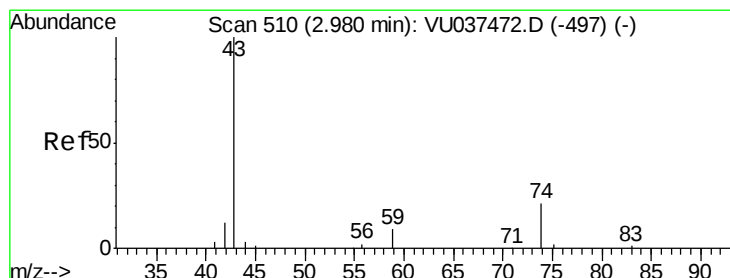
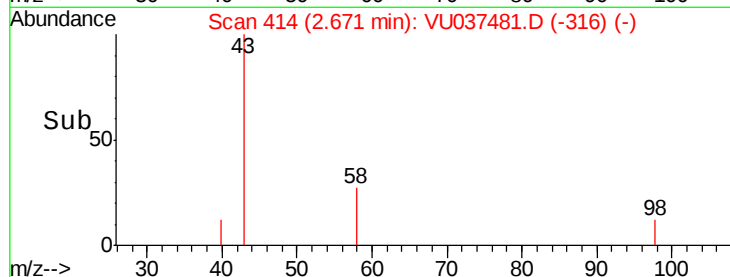
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#15

Methyl Acetate

Concen: 0.923 ug/L

RT: 2.99 min Scan# 513

Delta R.T. 0.01 min

Lab File: VU037481.D

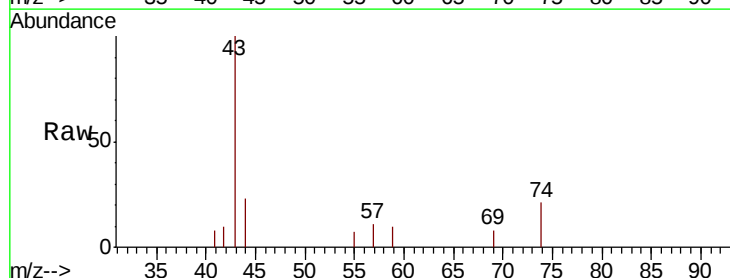
Acq: 31 Mar 2020 00:44

Tgt Ion: 43 Resp: 2827

Ion Ratio Lower Upper

43 100

74 11.1 19.8 29.6#



Abundance Ion 43.05 (42.75 to 43.75): VU037481.D (-513) (-)

Ion 74.05 (73.75 to 74.75): VU037481.D (-513) (-)

2.99

1500

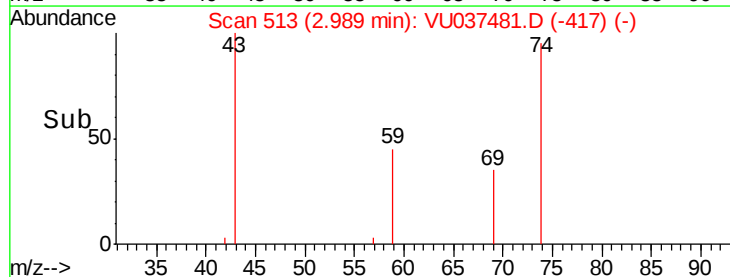
1000

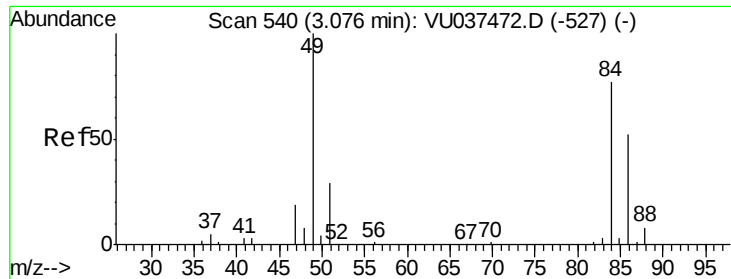
500

0

Time-->

2.90 2.95 3.00 3.05

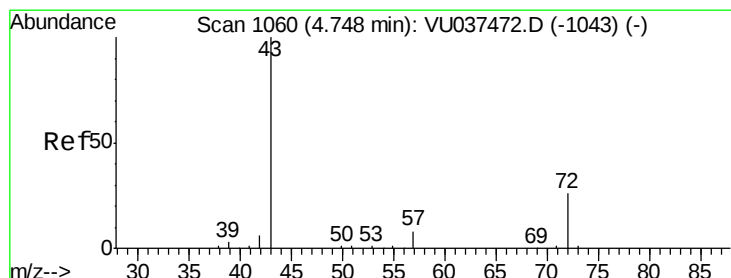
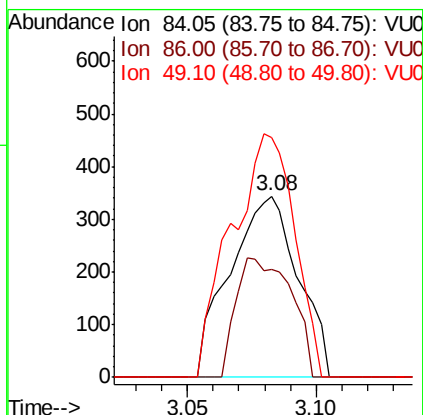
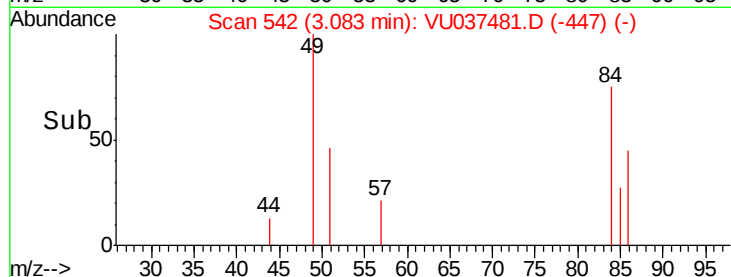
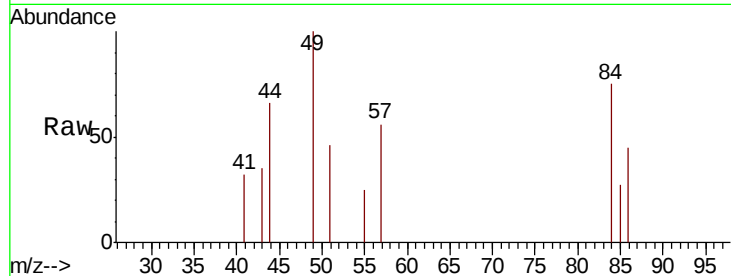




#16
Methvlene chloride
Concen: 0.091 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.01 min
Lab File: VU037481.D
Acq: 31 Mar 2020 00:44

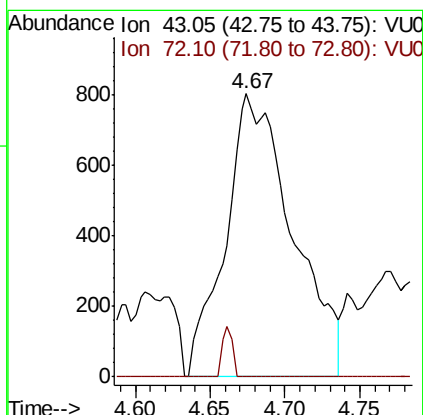
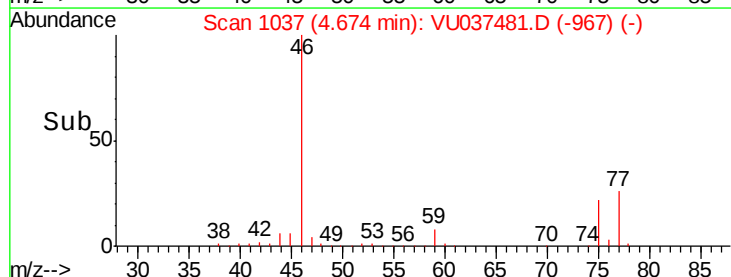
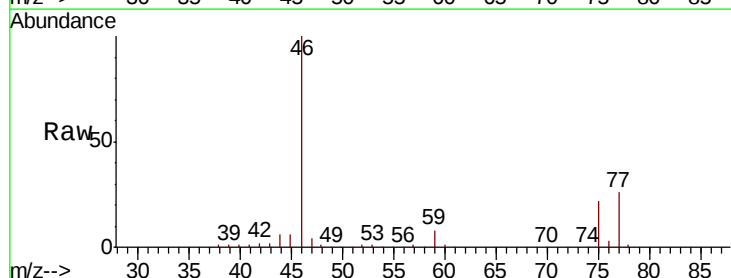
Instrument :
MSVOA_U
ClientSampled :

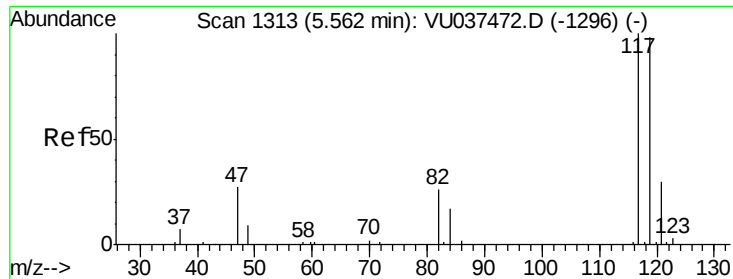
Tot Ion: 84 Resp: 635
Ion Ratio Lower Upper
84 100
86 59.3 43.6 81.0
49 132.6 86.4 160.4



#21
2-Butanone
Concen: 1.345 ug/L
RT: 4.67 min Scan# 1037
Delta R.T. -0.07 min
Lab File: VU037481.D
Acq: 31 Mar 2020 00:44

Tgt Ion: 43 Resp: 2506
Ion Ratio Lower Upper
43 100
72 2.8 14.2 42.6#

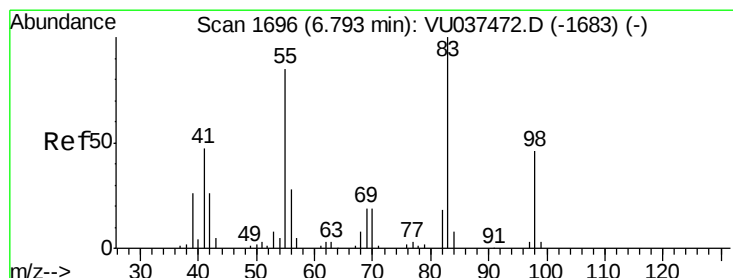
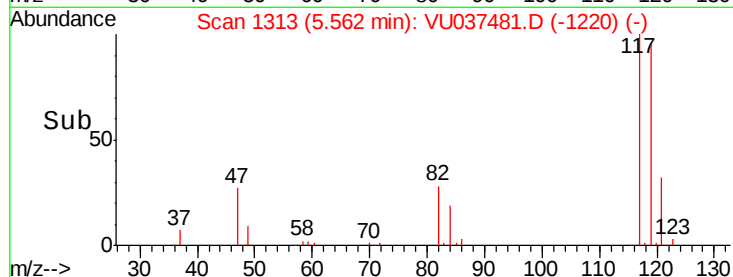
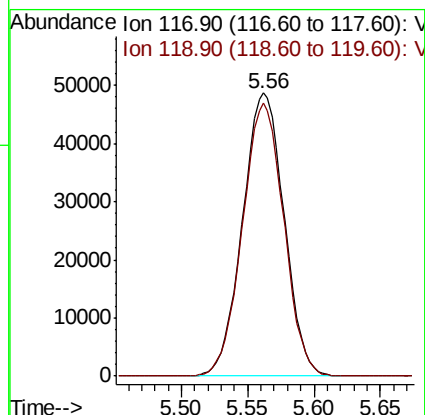
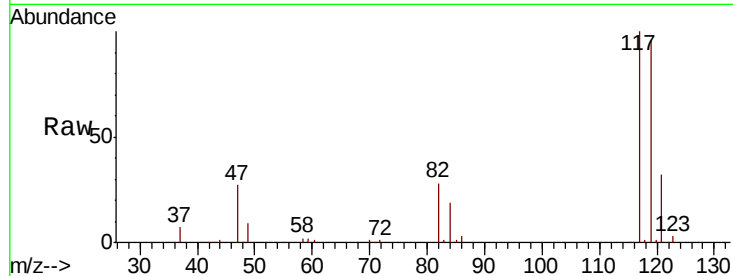




#31
Carbon tetrachloride
Concen: 10.799 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. -0.00 min
Lab File: VU037481.D
Acq: 31 Mar 2020 00:44

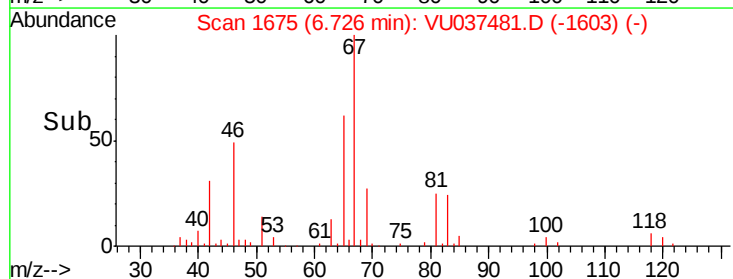
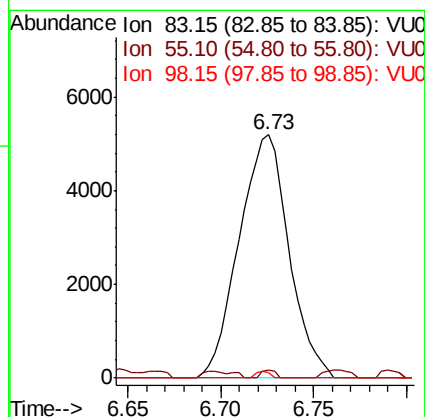
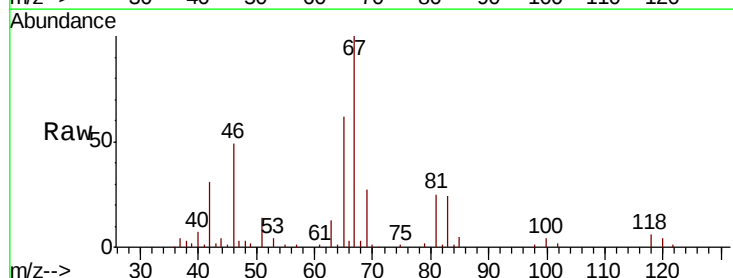
Instrument :
MSVOA_U
ClientSampled :

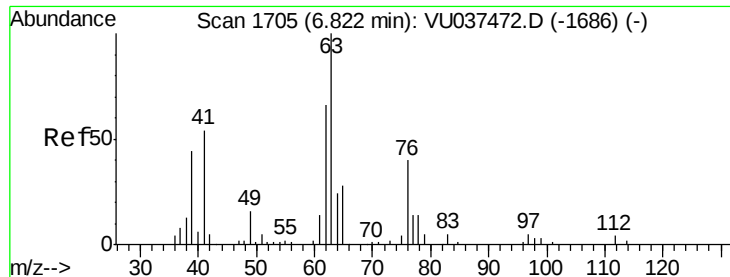
Tot Ion:117 Resp: 106267
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5



#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037481.D
Acq: 31 Mar 2020 00:44

Tgt Ion: 83 Resp: 9727
Ion Ratio Lower Upper
83 100
55 0.9 64.2 96.4#
98 0.8 36.3 54.5#

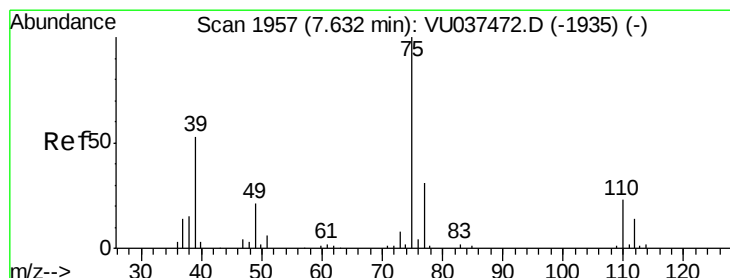
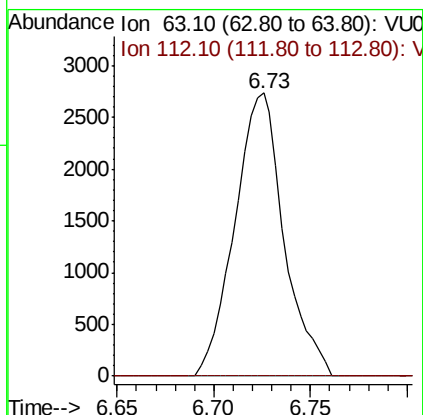
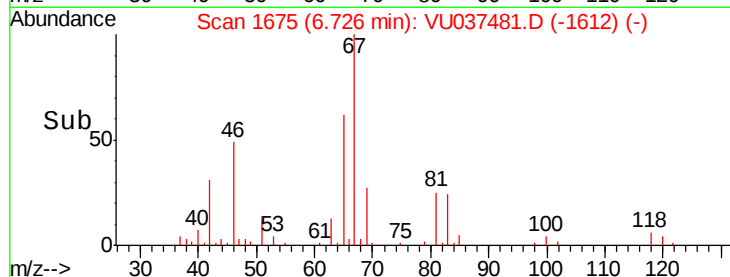
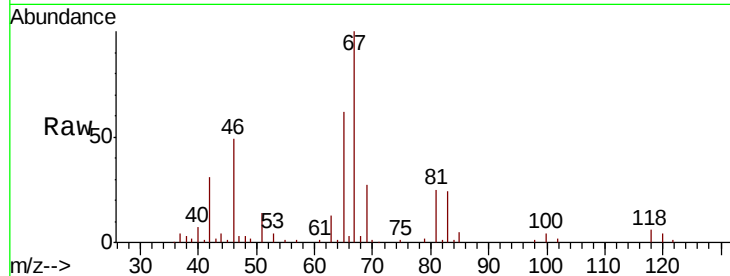




#37
 1,2-Dichloropropane
 Concen: 0.698 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037481.D
 Acq: 31 Mar 2020 00:44

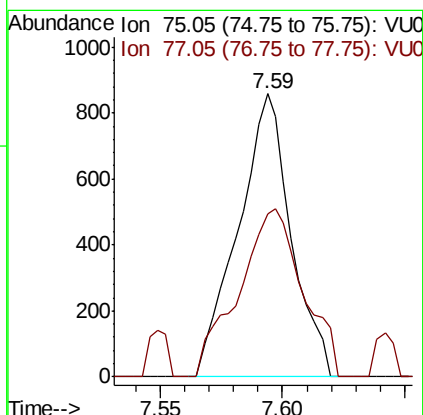
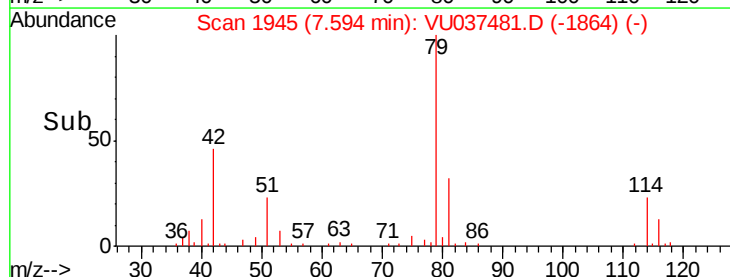
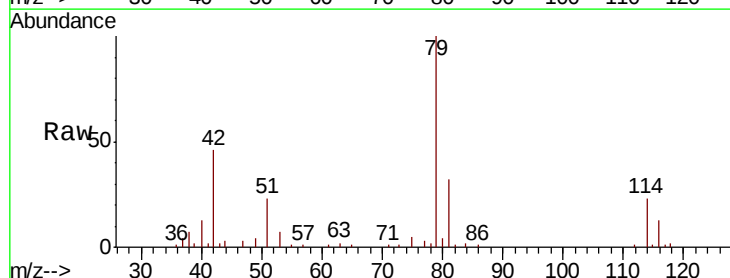
Instrument :
 MSVOA_U
 ClientSampleId :

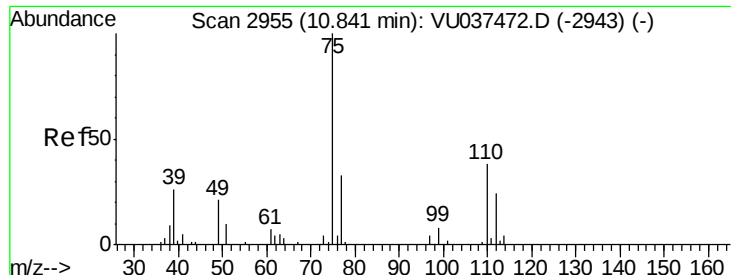
Tot Ion: 63 Resp: 4844
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037481.D
 Acq: 31 Mar 2020 00:44

Tgt Ion: 75 Resp: 1283
 Ion Ratio Lower Upper
 75 100
 77 57.7 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.465 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU037481.D

Acq: 31 Mar 2020 00:44

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7075

Ion Ratio Lower Upper

75 100

77 34.1 27.4 41.2

