

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037445.D
 Acq On : 29 Mar 2020 03:43
 Operator : JC/MD
 Sample : L2001-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 03:15:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	108058	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	100533	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	51820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36472	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	30519	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.59	63	56731	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.66	46	106387	48.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.86%
24) Chloroform-d	5.10	84	64384	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.74	65	42604	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	147372	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.72	67	48724	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	136771	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.20	79	21865	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.66	63	93355	51.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	39013	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	50646	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

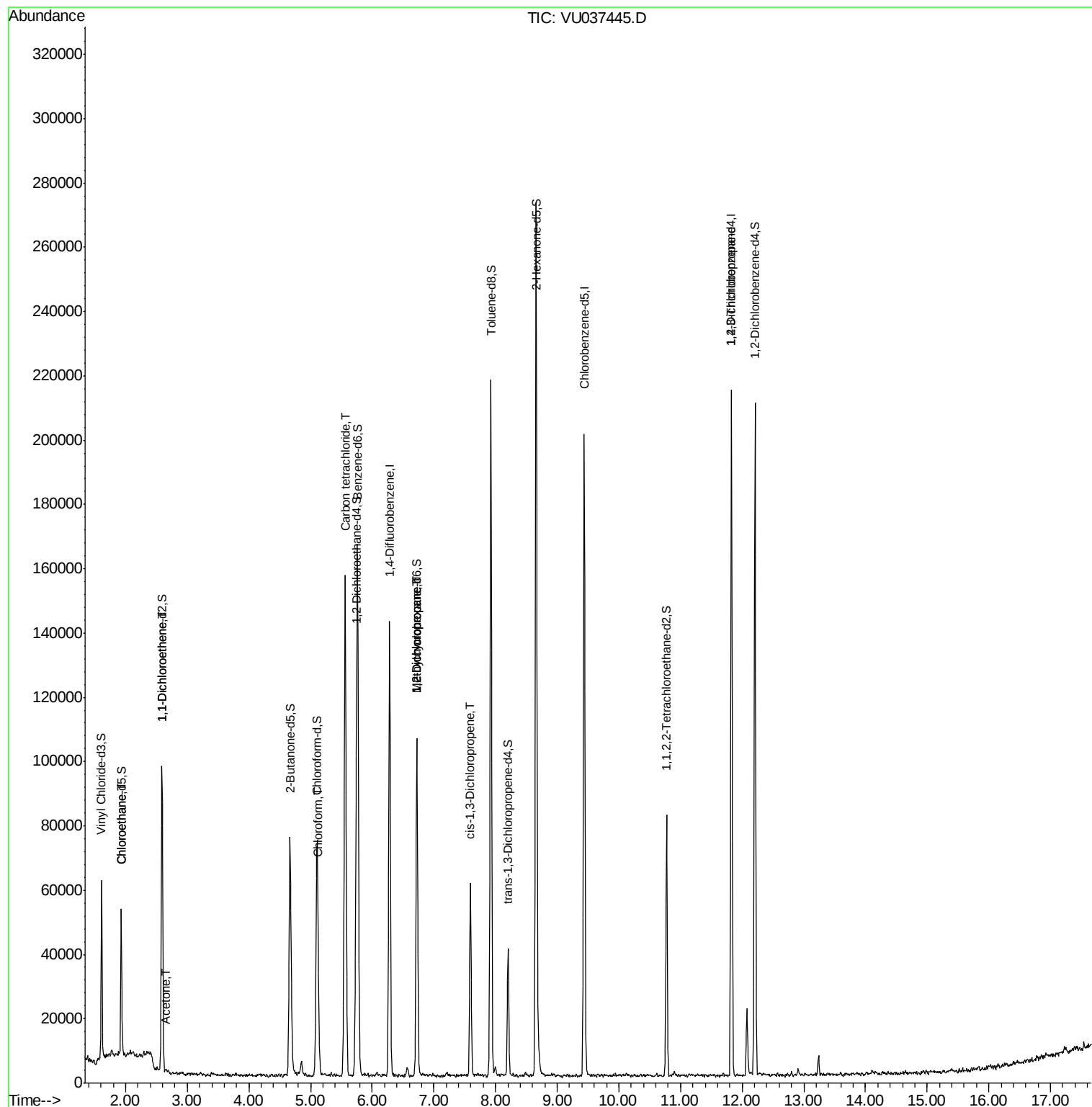
					Ovalue
8) Chloroethane	1.93	64	520	0.110 ug/L	96
12) 1,1-Dichloroethene	2.59	96	516	0.073 ug/L #	1
13) Acetone	2.65	43	1152	0.922 ug/L	66
25) Chloroform	5.13	83	11927	0.816 ug/L	98
31) Carbon tetrachloride	5.56	117	102403	9.386 ug/L	99
35) Methylcyclohexane	6.72	83	12085	0.901 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	5613	0.729 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1507	0.120 ug/L #	23
59) 1,2,3-Trichloropropane	11.83	75	6952	1.299 ug/L #	86

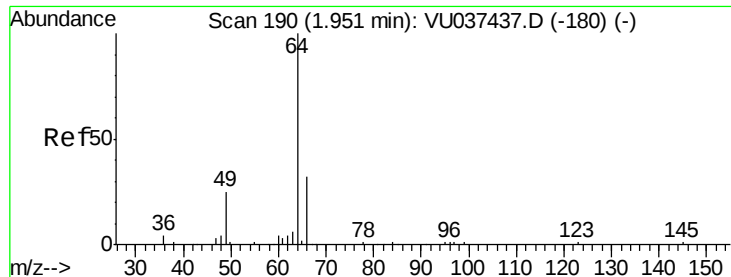
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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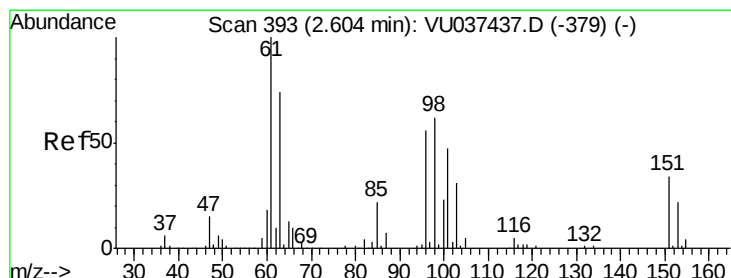
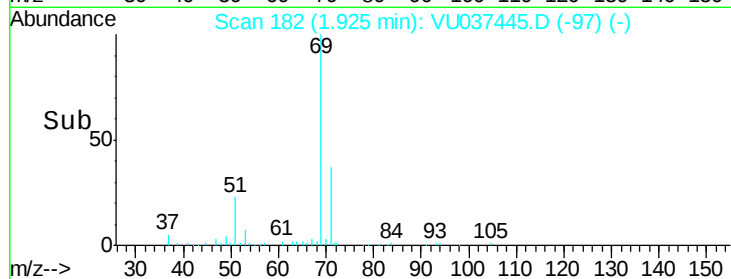
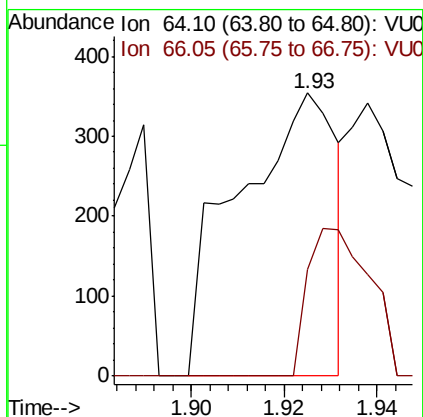
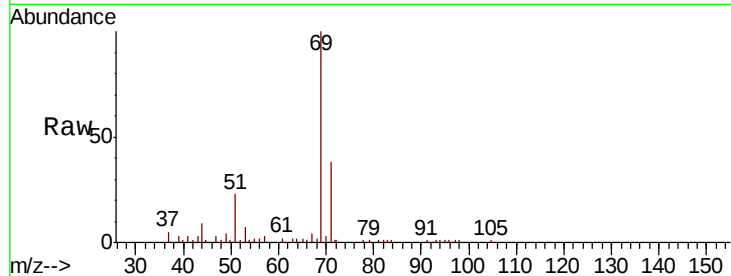




#8
Chloroethane
Concen: 0.110 ug/L
RT: 1.93 min Scan# 182
Delta R.T. -0.03 min
Lab File: VU037445.D
Acq: 29 Mar 2020 03:43

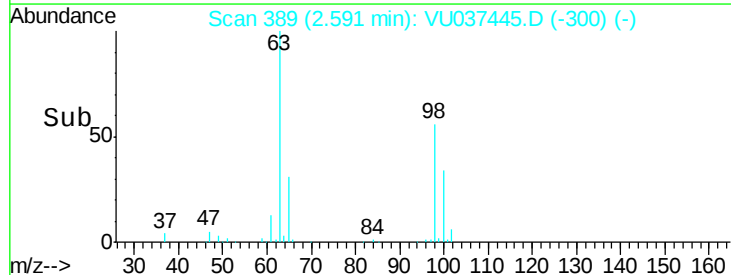
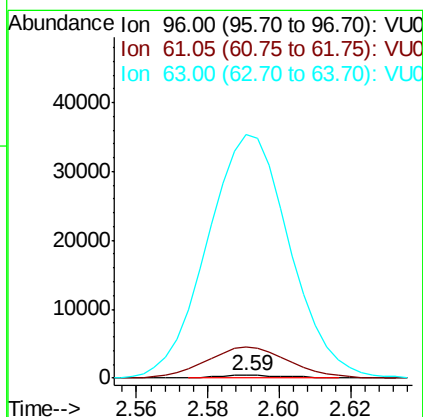
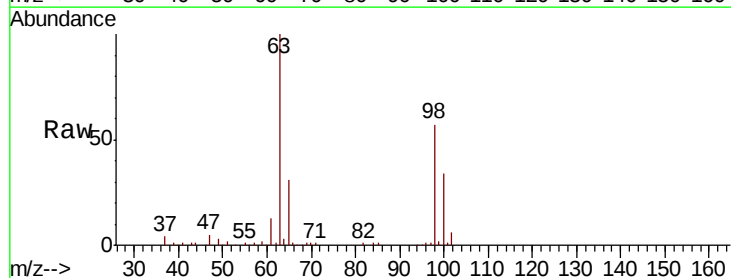
Instrument :
MSVOA_U
ClientSampleId :

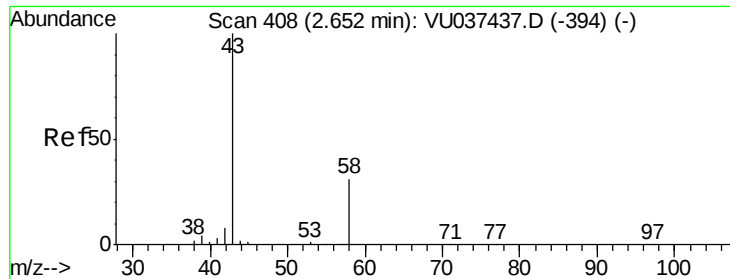
Tot Ion: 64 Resp: 520
Ion Ratio Lower Upper
64 100
66 37.9 24.8 46.0



#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.01 min
Lab File: VU037445.D
Acq: 29 Mar 2020 03:43

Tgt Ion: 96 Resp: 516
Ion Ratio Lower Upper
96 100
61 1058.5 125.4 232.8#
63 8335.8 90.9 168.7#





#13

Acetone

Concen: 0.922 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU037445.D

Acq: 29 Mar 2020 03:43

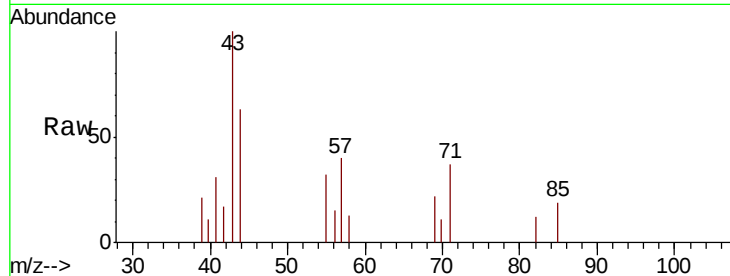
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1152

Ion Ratio Lower Upper

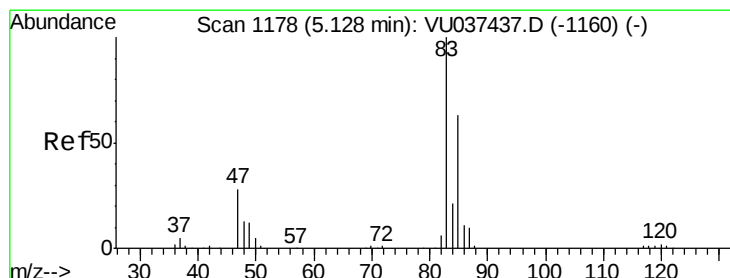
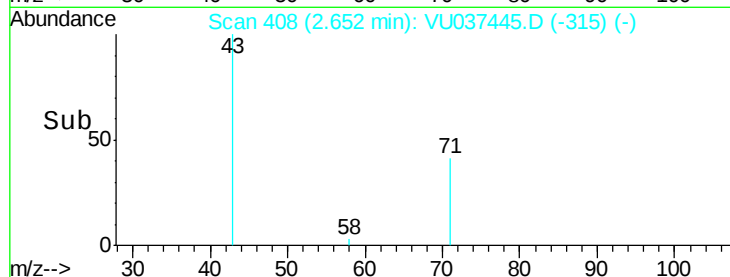
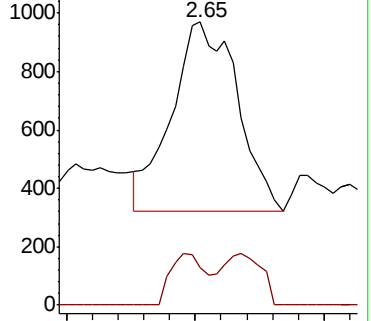
43 100

58 13.8 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU037437.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU037437.D (-394) (-)



#25

Chloroform

Concen: 0.816 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037445.D

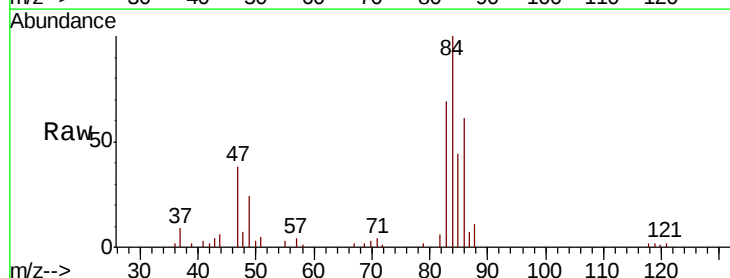
Acq: 29 Mar 2020 03:43

Tgt Ion: 83 Resp: 11927

Ion Ratio Lower Upper

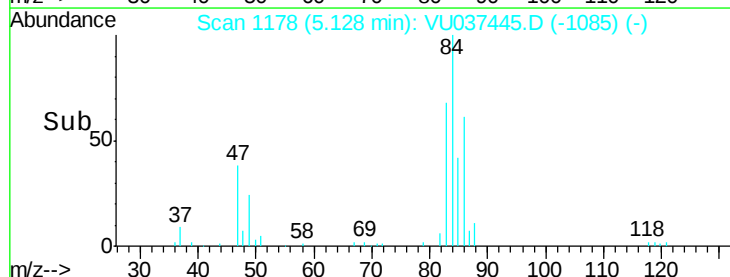
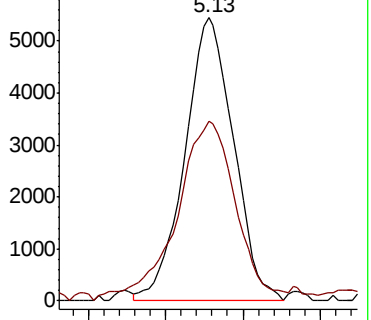
83 100

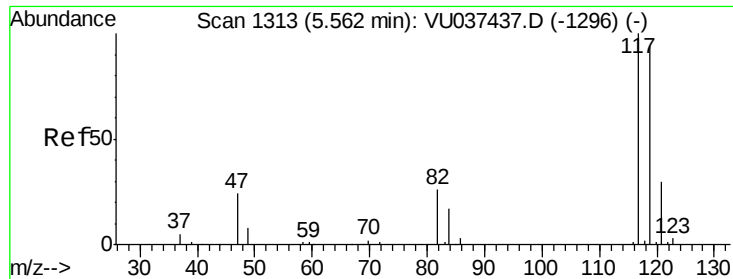
85 63.3 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU037437.D (-1160) (-)

Ion 85.00 (84.70 to 85.70): VU037437.D (-1160) (-)

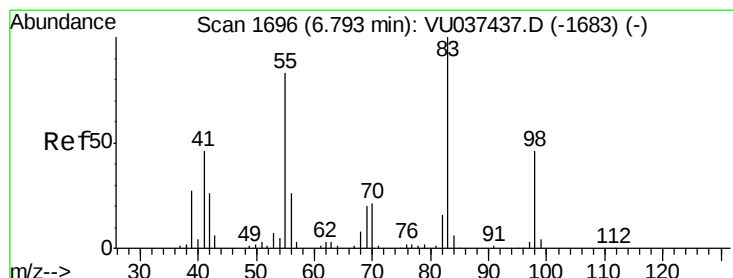
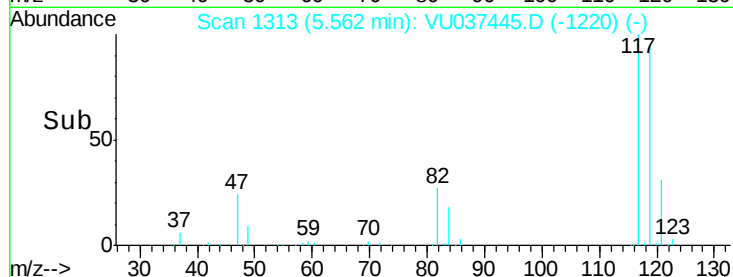
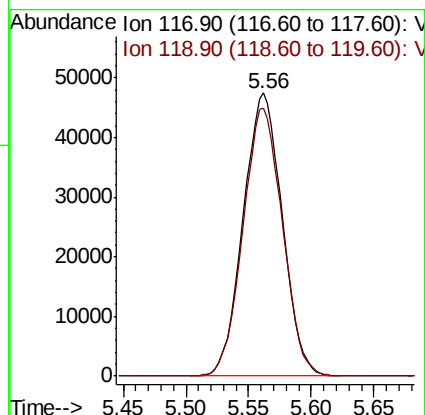
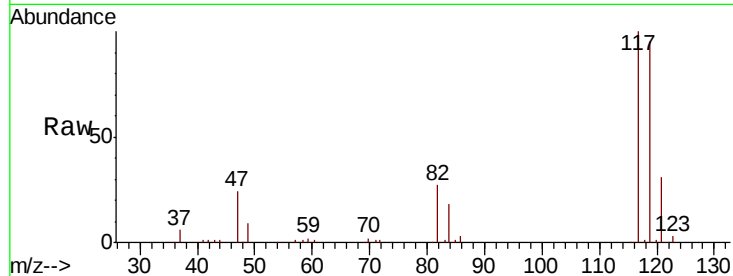




#31
Carbon tetrachloride
Concen: 9.386 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037445.D
Acq: 29 Mar 2020 03:43

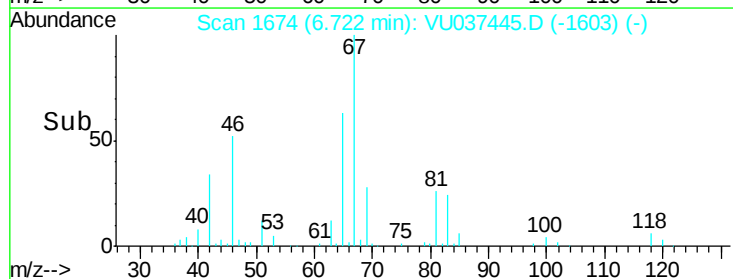
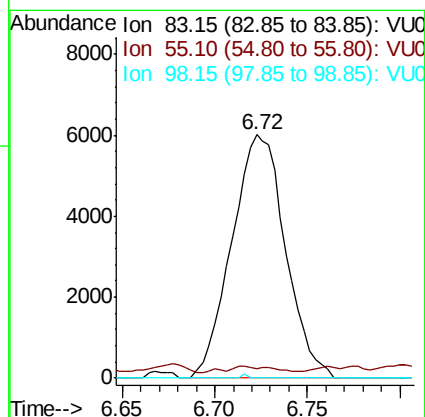
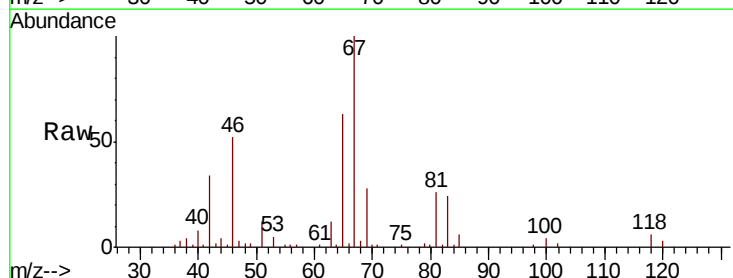
Instrument :
MSVOA_U
ClientSampled :

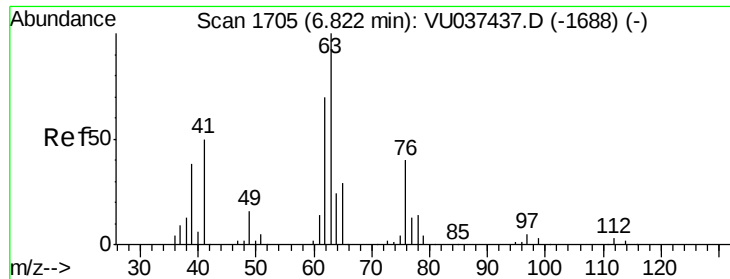
Tot Ion:117 Resp: 102403
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5



#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037445.D
Acq: 29 Mar 2020 03:43

Tgt Ion: 83 Resp: 12085
Ion Ratio Lower Upper
83 100
55 0.7 64.2 96.4#
98 0.2 36.3 54.5#

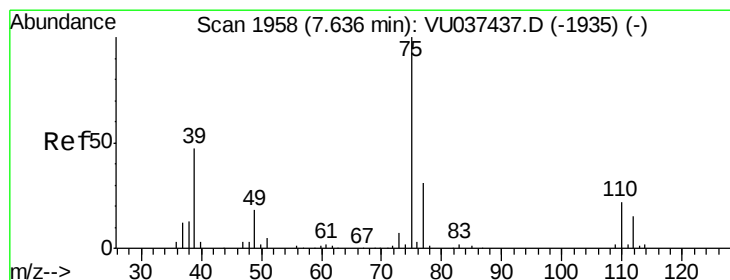
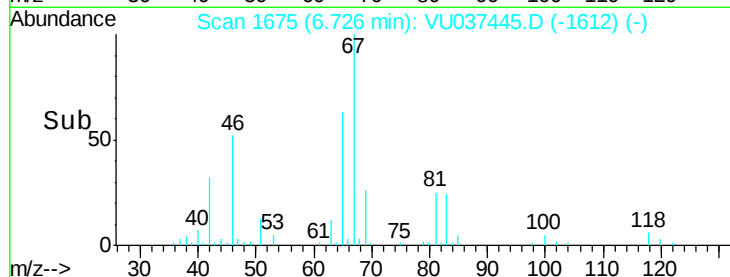
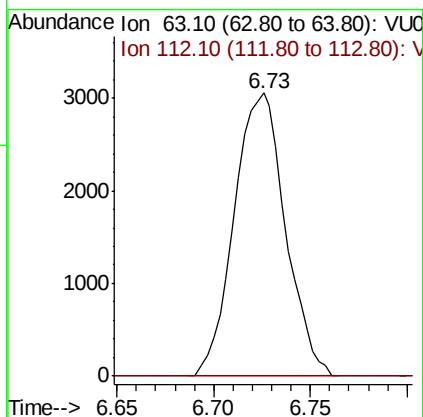
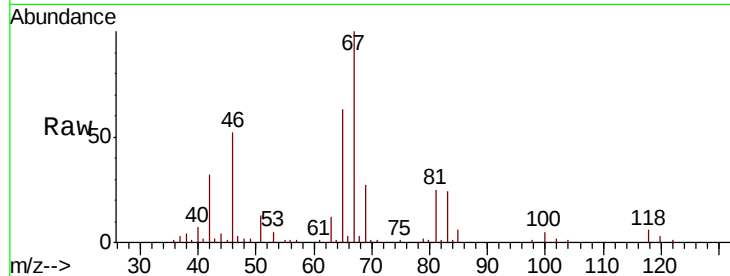




#37
 1,2-Dichloropropane
 Concen: 0.729 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU037445.D
 Acq: 29 Mar 2020 03:43

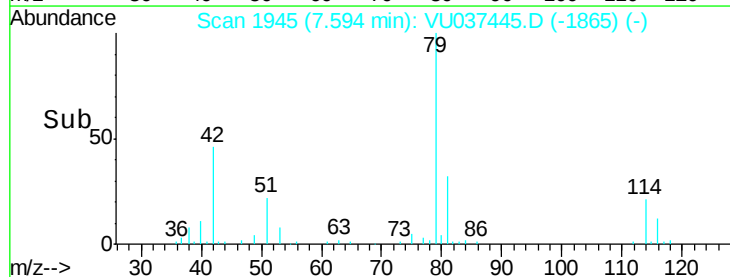
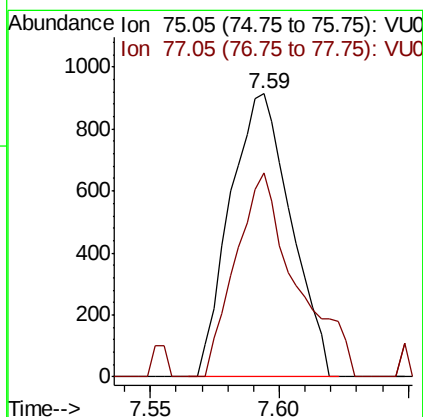
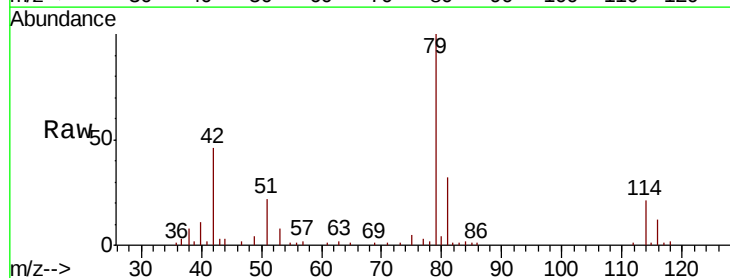
Instrument :
 MSVOA_U
 ClientSampleId :

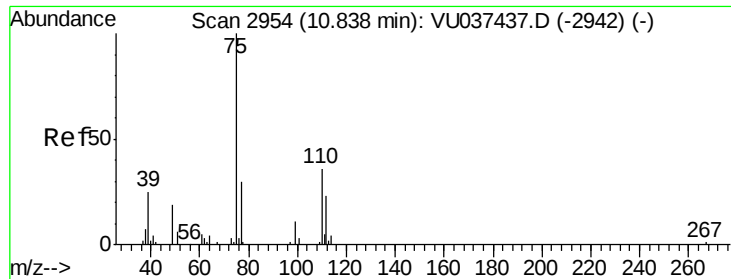
Tot Ion: 63 Resp: 5613
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.120 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037445.D
 Acq: 29 Mar 2020 03:43

Tgt Ion: 75 Resp: 1507
 Ion Ratio Lower Upper
 75 100
 77 72.0 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 1.299 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU037445.D

Acq: 29 Mar 2020 03:43

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6952

Ion Ratio Lower Upper

75 100

77 42.6 27.4 41.2#

