

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038467.D
 Acq On : 01 Jun 2020 13:47
 Operator : JC/MD
 Sample : L2789-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 02 05:28:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	297100	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137554	5.00	ug/L	0.00

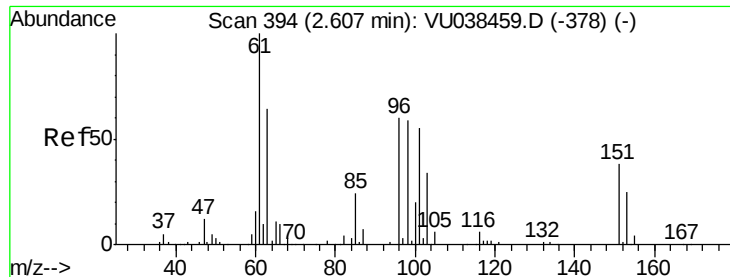
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80834	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.93	69	77445	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	133230	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.68	46	371377	63.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.16%
24) Chloroform-d	5.10	84	197297	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.74	65	119318	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.76	84	390152	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.72	67	122473	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.92	98	322332	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.20	79	50263	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.65	63	312424	65.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.66%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111314	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	135749	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.60	96	4663	0.255 ug/L #	1
13) Acetone	2.69	43	19912	5.209 ug/L	96
21) 2-Butanone	4.84	43	239486	37.246 ug/L #	50
22) cis-1,2-Dichloroethene	4.71	96	2777	0.131 ug/L	98
30) Cyclohexane	5.42	56	3789	0.116 ug/L	96
34) Trichloroethene	6.57	95	28195	1.328 ug/L	96
35) Methylcyclohexane	6.72	83	29143	0.887 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13623	0.662 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3756	0.123 ug/L #	81
42) Toluene	7.99	91	7417	0.086 ug/L	96
48) 2-Hexanone	8.71	43	14227	1.276 ug/L #	93
59) 1,2,3-Trichloropropane	11.82	75	17096	1.113 ug/L #	85

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



#12

1,1-Dichloroethene

Concen: 0.255 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU038467.D

Acq: 01 Jun 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

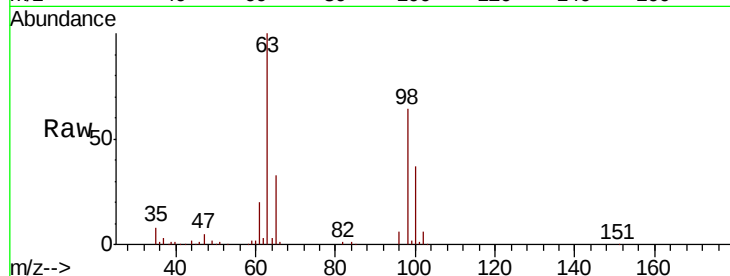
Tot Ion: 96 Resp: 4663

Ion Ratio Lower Upper

96 100

61 355.8 119.9 222.7#

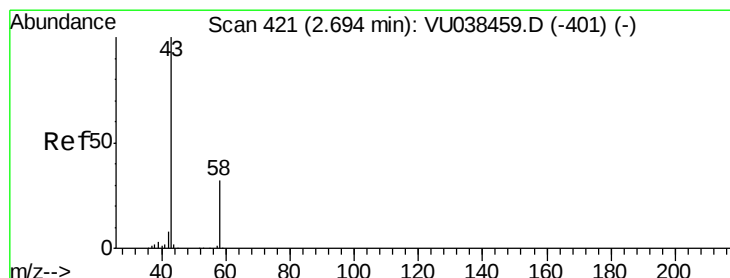
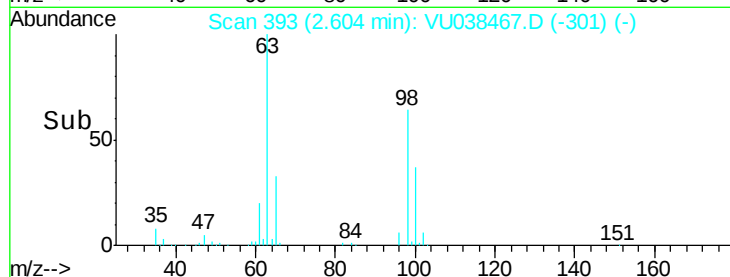
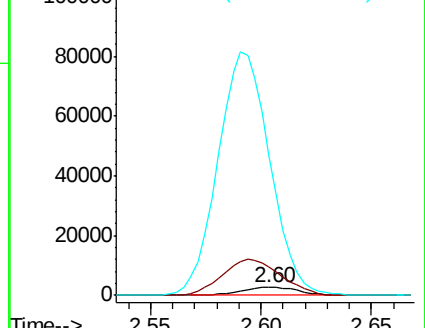
63 1771.2 89.9 167.0#



Abundance Ion 96.00 (95.70 to 96.70): VU038459.D (-378) (-)

Ion 61.05 (60.75 to 61.75): VU038459.D (-378) (-)

Ion 63.00 (62.70 to 63.70): VU038459.D (-378) (-)



#13

Acetone

Concen: 5.209 ug/L

RT: 2.69 min Scan# 419

Delta R.T. -0.01 min

Lab File: VU038467.D

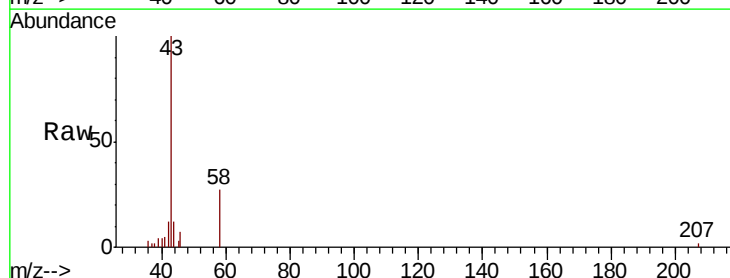
Acq: 01 Jun 2020 13:47

Tgt Ion: 43 Resp: 19912

Ion Ratio Lower Upper

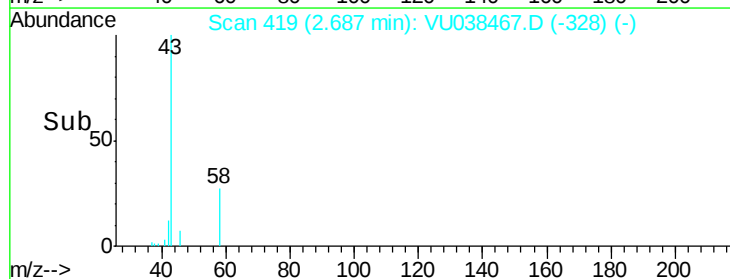
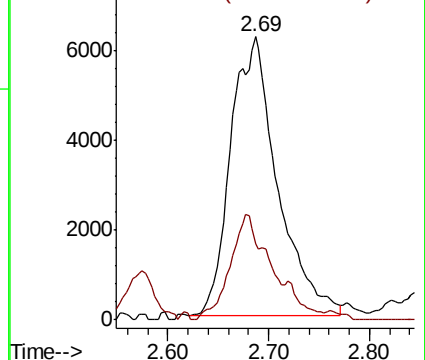
43 100

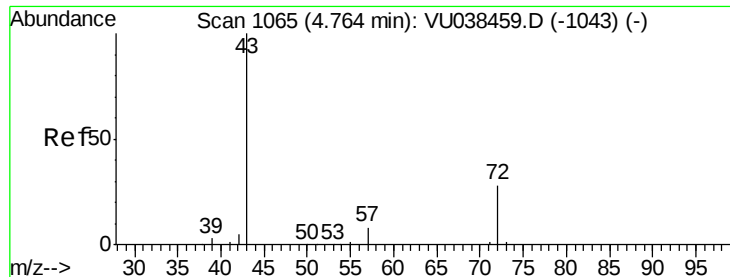
58 34.8 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038459.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038459.D (-401) (-)





#21

2-Butanone

Concen: 37.246 ug/L

RT: 4.84 min Scan# 1090

Delta R.T. 0.08 min

Lab File: VU038467.D

Acq: 01 Jun 2020 13:47

Instrument :

MSVOA_U

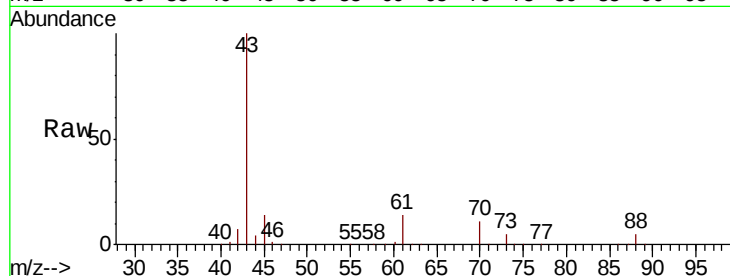
ClientSampled :

Tot Ion: 43 Resp: 239486

Ion Ratio Lower Upper

43 100

72 0.0 12.6 37.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038467.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU038467.D (-972) (-)

4.84

120000

100000

80000

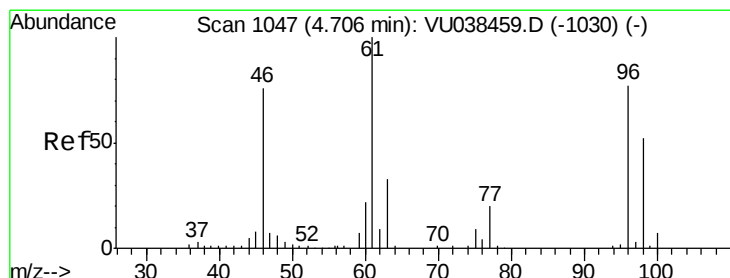
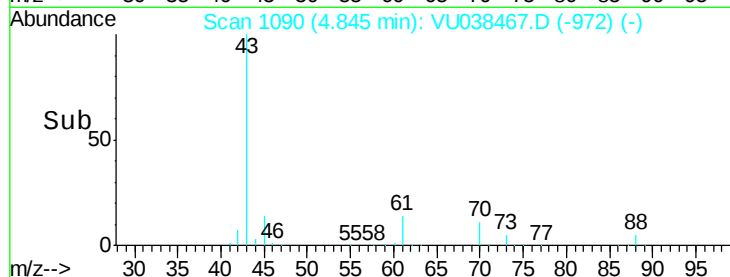
60000

40000

20000

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.131 ug/L

RT: 4.71 min Scan# 1048

Delta R.T. 0.00 min

Lab File: VU038467.D

Acq: 01 Jun 2020 13:47

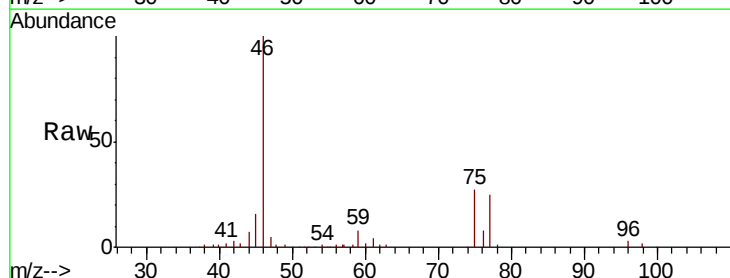
Tgt Ion: 96 Resp: 2777

Ion Ratio Lower Upper

96 100

61 131.9 94.0 174.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038467.D (-954) (-)

Ion 61.05 (60.75 to 61.75): VU038467.D (-954) (-)

Ion 68.15 (67.85 to 68.85): VU038467.D (-954) (-)

2000

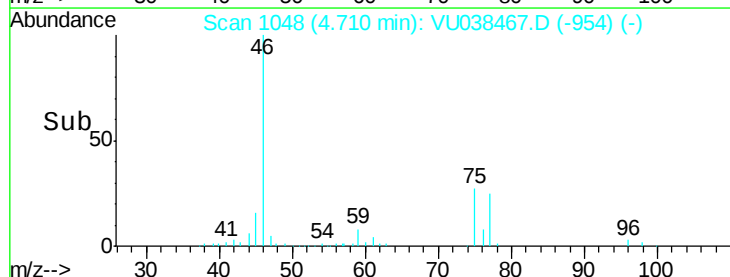
1500

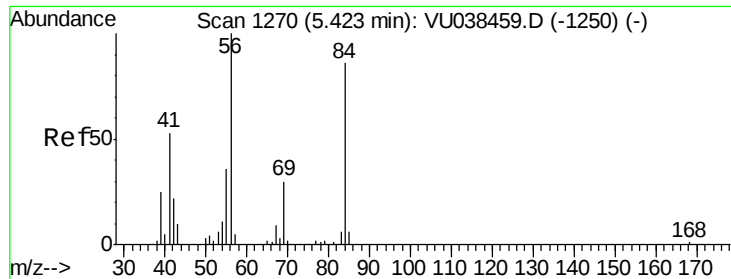
1000

500

0

Time-->

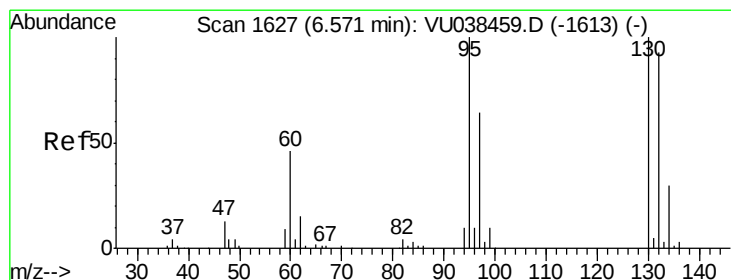
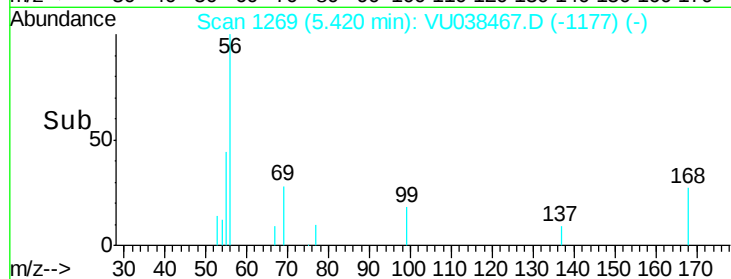
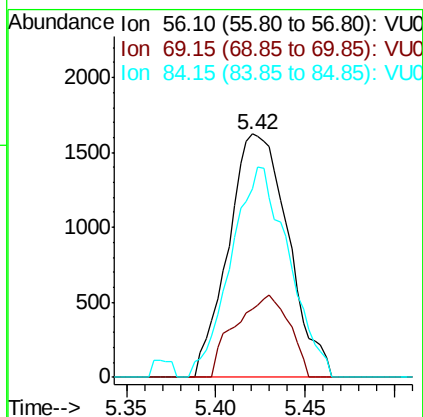
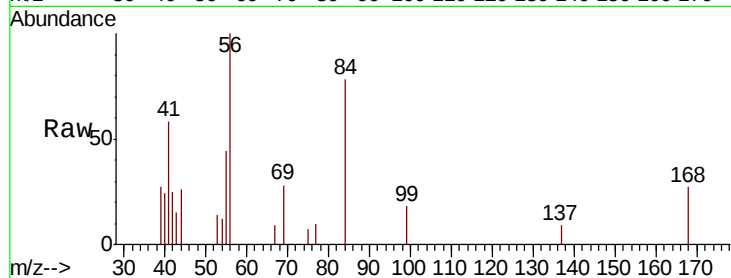




#30
Cyclohexane
Concen: 0.116 ug/L
RT: 5.42 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VU038467.D
Acq: 01 Jun 2020 13:47

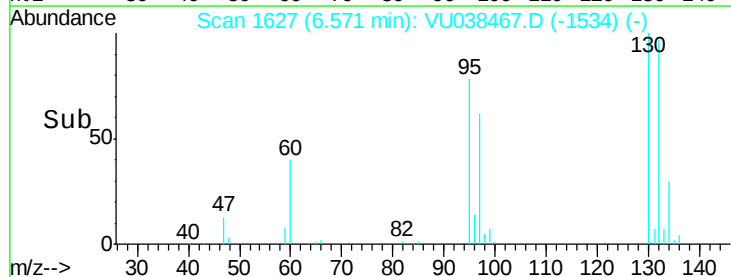
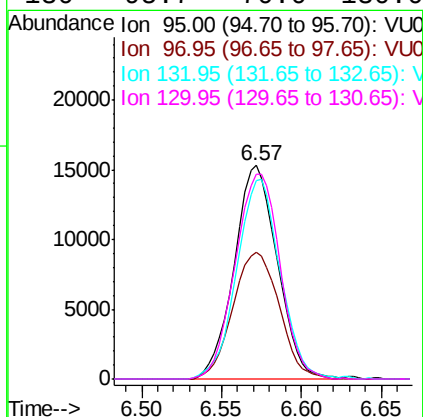
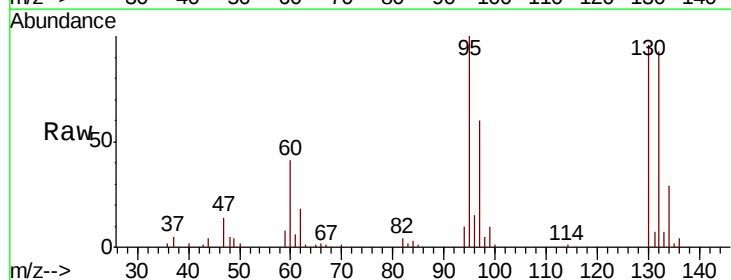
Instrument :
MSVOA_U
ClientSampleId :

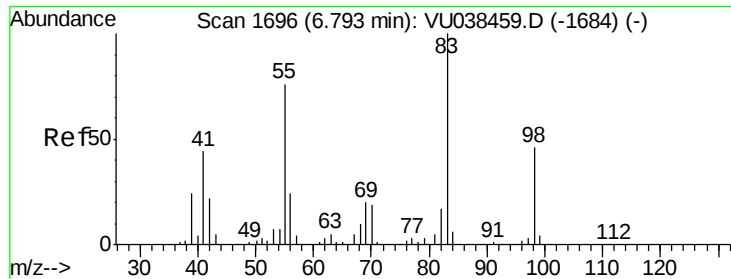
Tot Ion: 56 Resp: 3789
Ion Ratio Lower Upper
56 100
69 30.4 24.2 36.4
84 83.9 70.8 106.2



#34
Trichloroethene
Concen: 1.328 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038467.D
Acq: 01 Jun 2020 13:47

Tgt Ion: 95 Resp: 28195
Ion Ratio Lower Upper
95 100
97 59.6 46.8 87.0
132 93.0 66.1 122.7
130 95.7 70.0 130.0

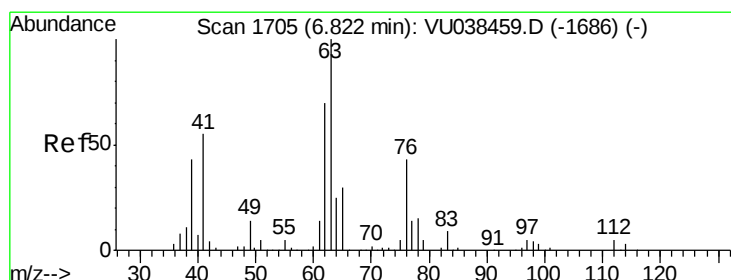
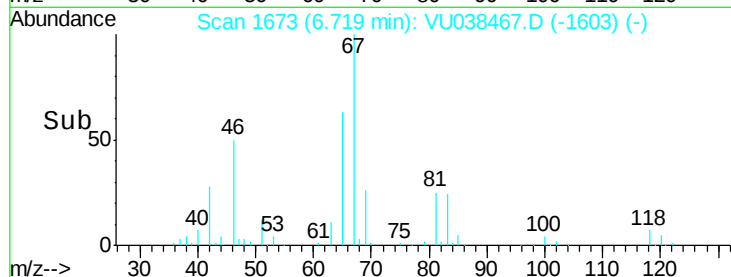
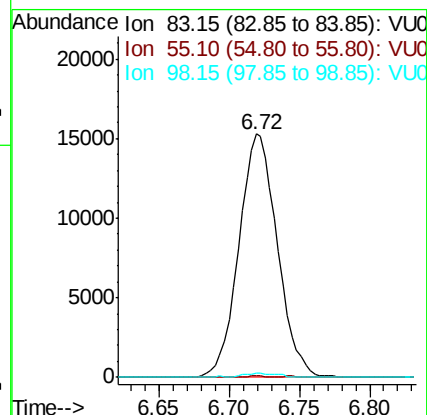
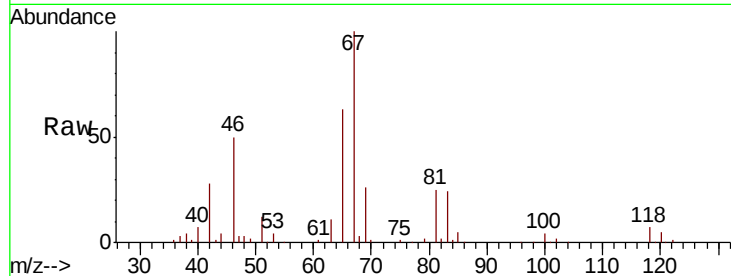




#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038467.D
Acq: 01 Jun 2020 13:47

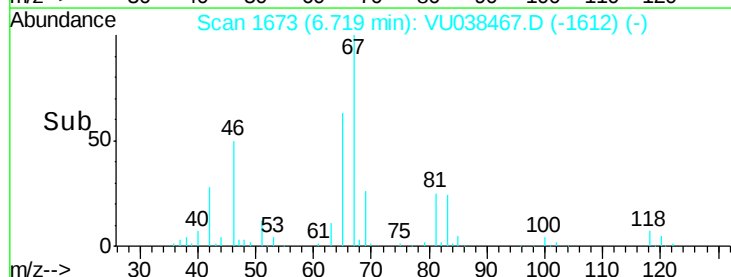
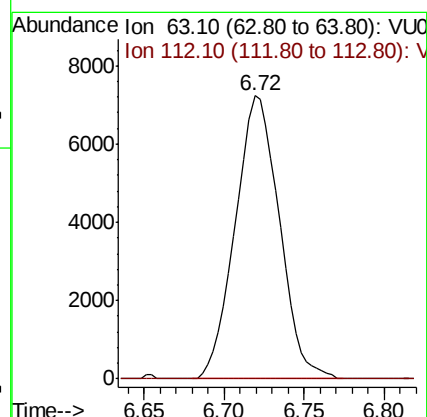
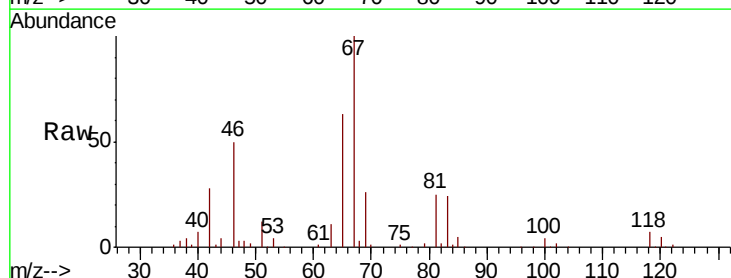
Instrument :
MSVOA_U
ClientSampleId :

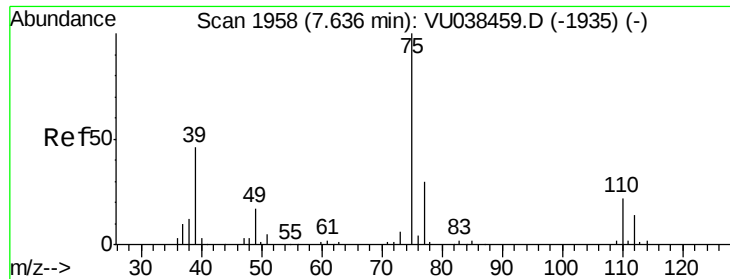
Tot Ion: 83 Resp: 29143
Ion Ratio Lower Upper
83 100
55 0.2 63.4 95.2#
98 1.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038467.D
Acq: 01 Jun 2020 13:47

Tgt Ion: 63 Resp: 13623
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

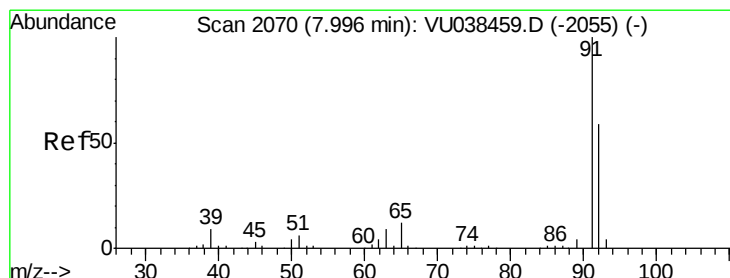
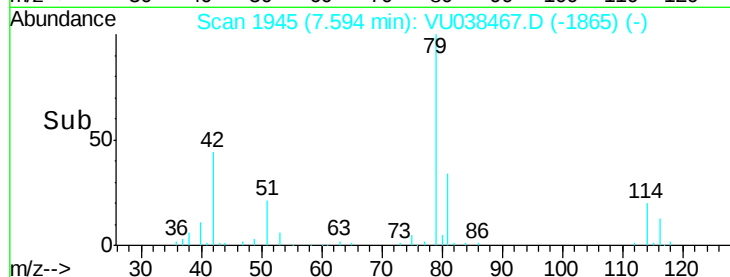
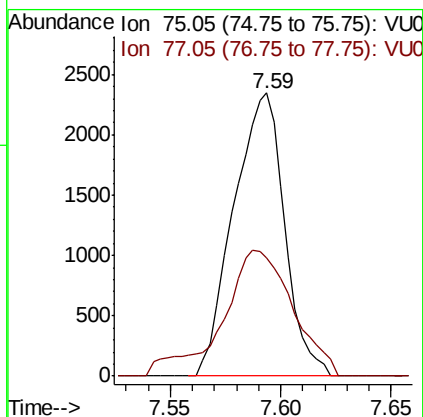
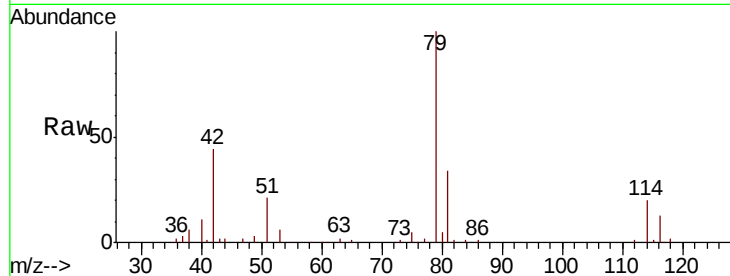




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038467.D
 Acq: 01 Jun 2020 13:47

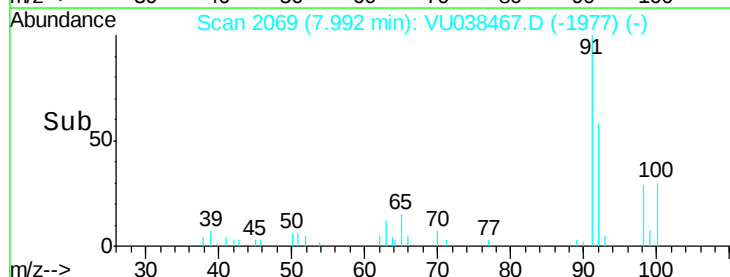
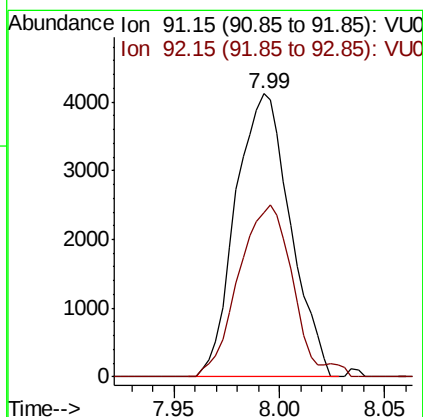
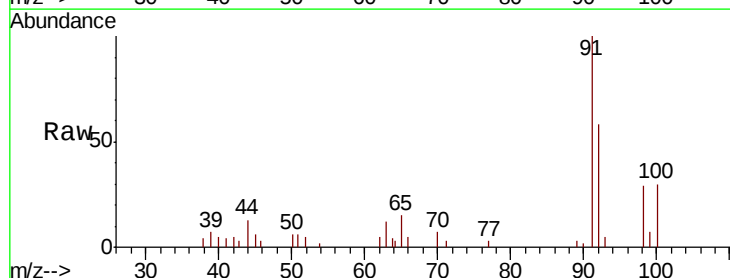
Instrument :
 MSVOA_U
 ClientSampleId :

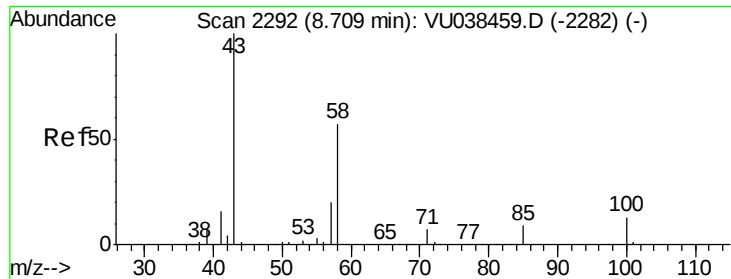
Tot Ion: 75 Resp: 3756
 Ion Ratio Lower Upper
 75 100
 77 42.0 21.9 40.7#



#42
 Toluene
 Concen: 0.086 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU038467.D
 Acq: 01 Jun 2020 13:47

Tgt Ion: 91 Resp: 7417
 Ion Ratio Lower Upper
 91 100
 92 58.3 43.0 79.8

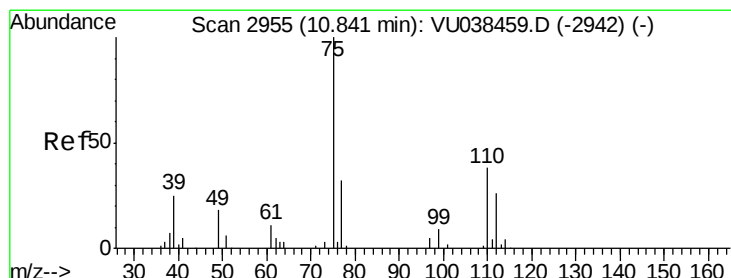
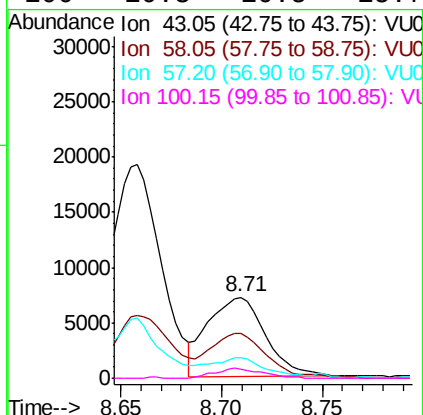
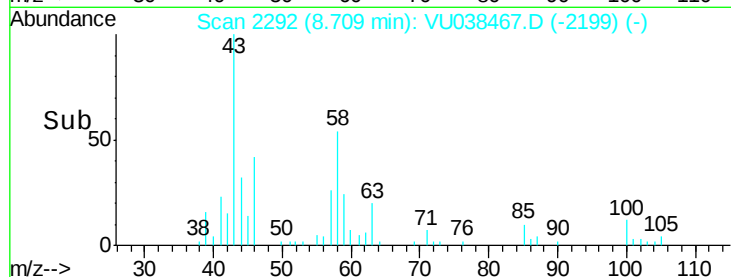
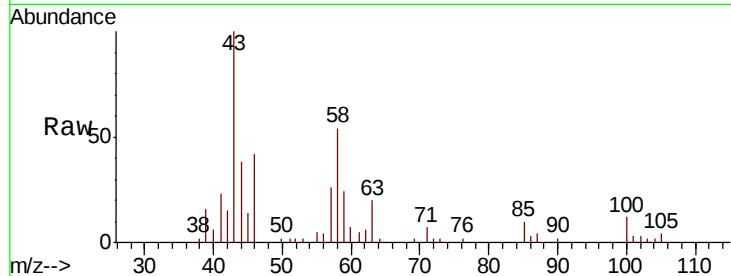




#48
2-Hexanone
Concen: 1.276 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VU038467.D
Acq: 01 Jun 2020 13:47

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 14227
Ion Ratio Lower Upper
43 100
58 52.3 45.4 68.0
57 25.2 15.9 23.9#
100 10.3 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.113 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038467.D
Acq: 01 Jun 2020 13:47

Tgt Ion: 75 Resp: 17096
Ion Ratio Lower Upper
75 100
77 40.0 25.4 38.2#

