

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080720\
 Data File : VU039794.D
 Acq On : 07 Aug 2020 19:18
 Operator : SY/MD
 Sample : L3617-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 03:34:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 03:30:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69373	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14582	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.92	69	16168	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.58	63	20431	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.65	46	82101	49.83	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.66%
24) Chloroform-d	5.09	84	40810	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	25260	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.74	84	69219	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.70	67	25471	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	50148	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	8.19	79	8490	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.64	63	55612	47.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.46%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24866	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	26541	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

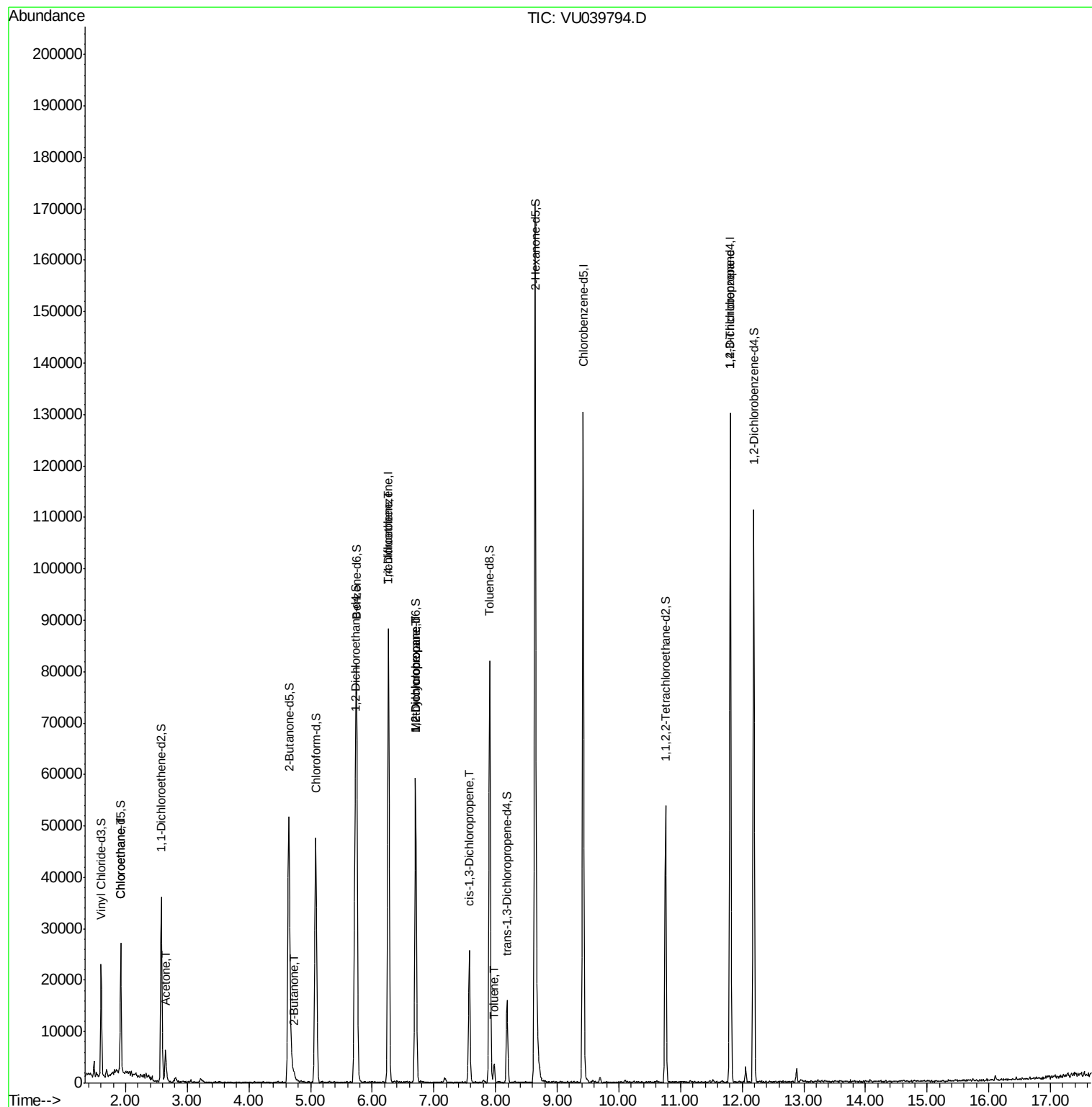
					Ovalue
8) Chloroethane	1.93	64	344	0.083 ug/L #	43
13) Acetone	2.65	43	7363	7.580 ug/L	99
21) 2-Butanone	4.74	43	2179	1.424 ug/L	100
34) Trichloroethene	6.27	95	1165	0.239 ug/L #	4
35) Methylcyclohexane	6.71	83	5741	0.737 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3066	0.615 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	698	0.103 ug/L	87
42) Toluene	7.97	91	2607	0.132 ug/L	77
59) 1,2,3-Trichloropropane	11.81	75	4287	1.192 ug/L	89

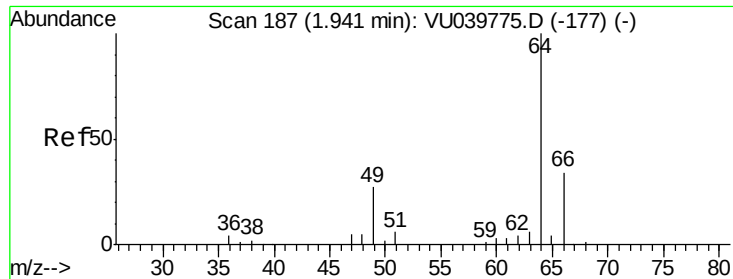
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.083 ug/L

RT: 1.93 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU039794.D

Acq: 07 Aug 2020 19:18

Instrument :

MSVOA_U

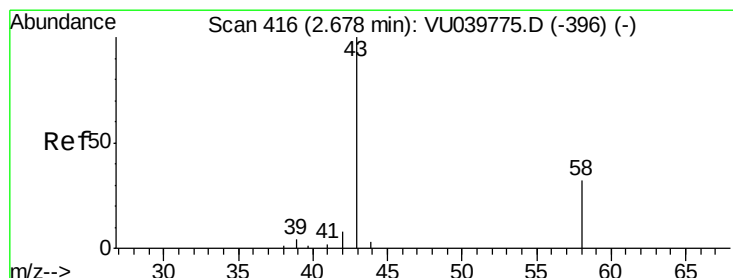
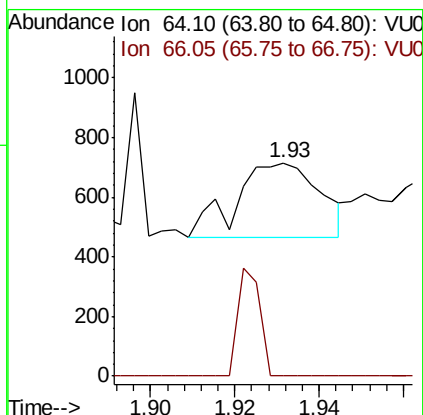
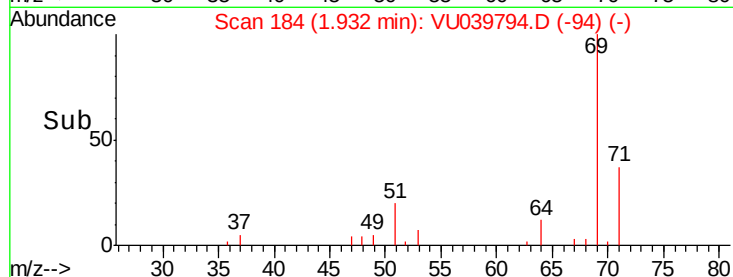
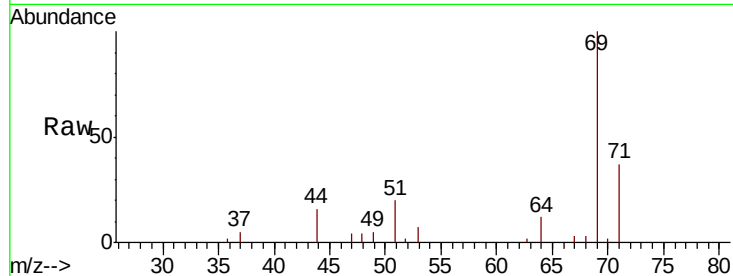
ClientSampled :

Tot Ion: 64 Resp: 344

Ion Ratio Lower Upper

64 100

66 0.0 22.3 41.3#



#13

Acetone

Concen: 7.580 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.03 min

Lab File: VU039794.D

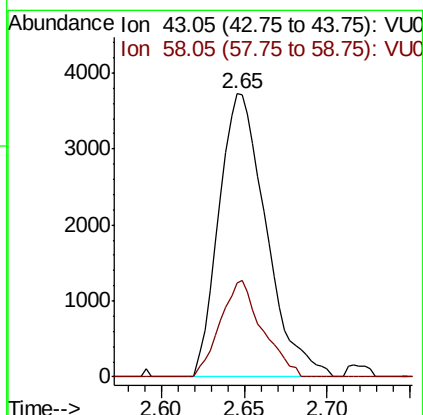
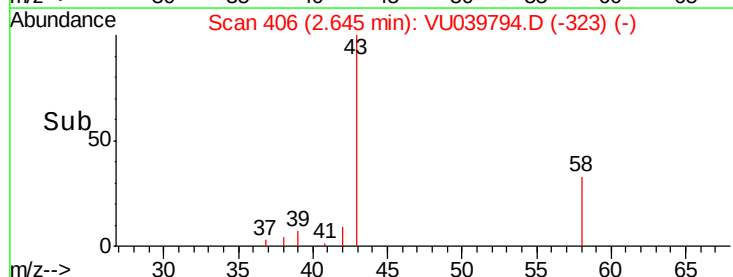
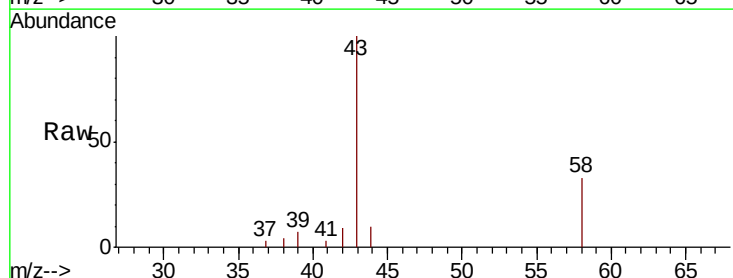
Acq: 07 Aug 2020 19:18

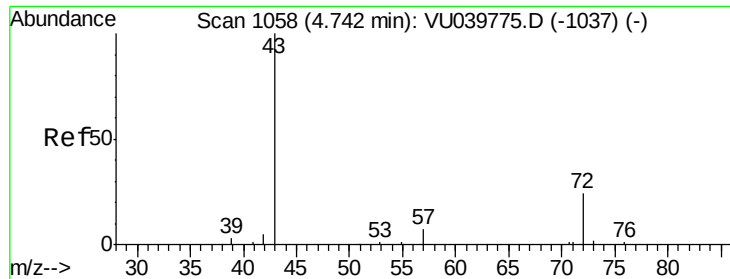
Tgt Ion: 43 Resp: 7363

Ion Ratio Lower Upper

43 100

58 30.3 0.0 61.8





#21

2-Butanone

Concen: 1.424 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. -0.01 min

Lab File: VU039794.D

Acq: 07 Aug 2020 19:18

Instrument :

MSVOA_U

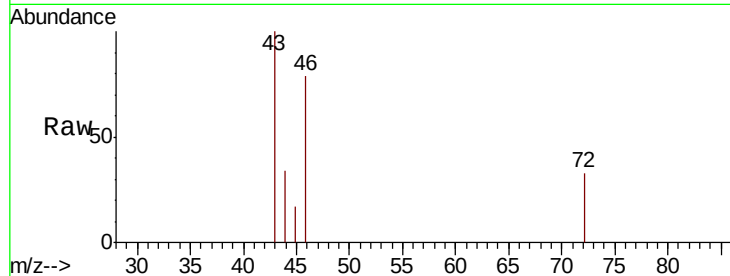
ClientSampled :

Tot Ion: 43 Resp: 2179

Ion Ratio Lower Upper

43 100

72 25.8 13.0 39.0



Abundance Ion 43.05 (42.75 to 43.75): VU039775.D (-1037) (-)

Ion 72.10 (71.80 to 72.80): VU039775.D (-1037) (-)

4.74

800

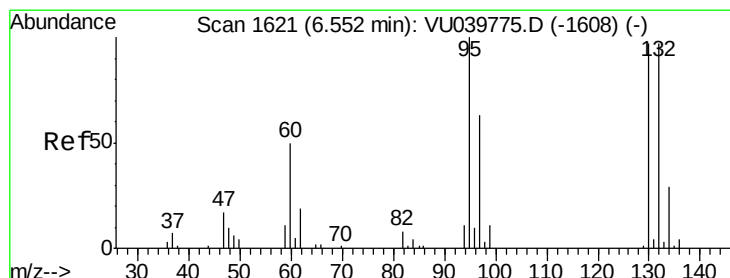
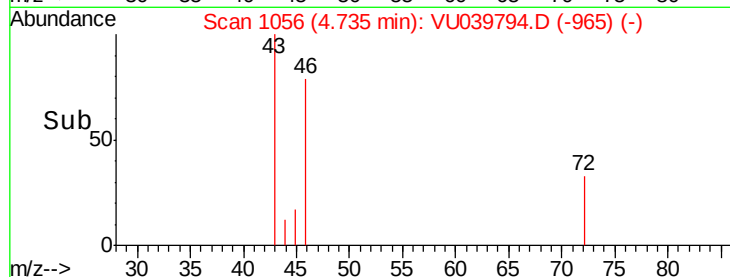
600

400

200

0

Time-->



#34

Trichloroethene

Concen: 0.239 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU039794.D

Acq: 07 Aug 2020 19:18

Tgt Ion: 95 Resp: 1165

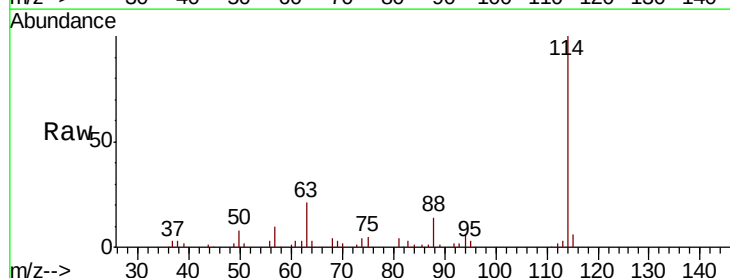
Ion Ratio Lower Upper

95 100

97 0.0 44.0 81.8#

132 0.0 71.7 133.3#

130 0.0 71.1 132.1#



Abundance Ion 95.00 (94.70 to 95.70): VU039775.D (-1608) (-)

Ion 96.95 (96.65 to 97.65): VU039775.D (-1608) (-)

Ion 131.95 (131.65 to 132.65): VU039775.D (-1608) (-)

Ion 129.95 (129.65 to 130.65): VU039775.D (-1608) (-)

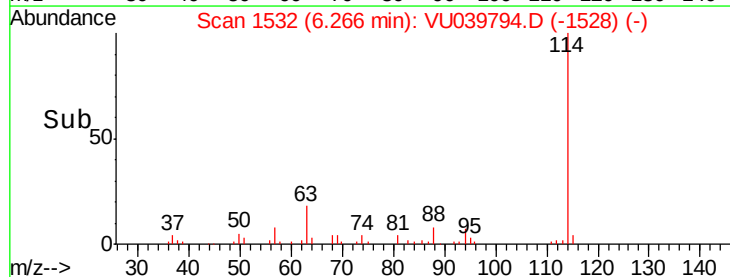
1500

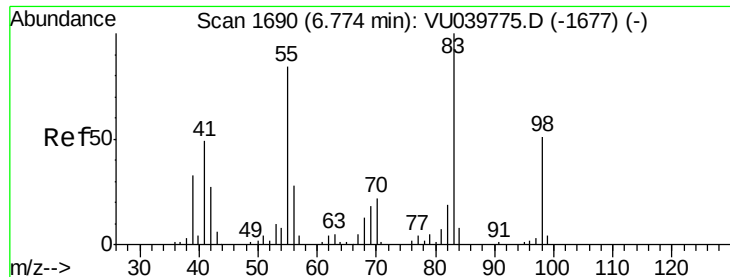
1000

500

0

Time-->

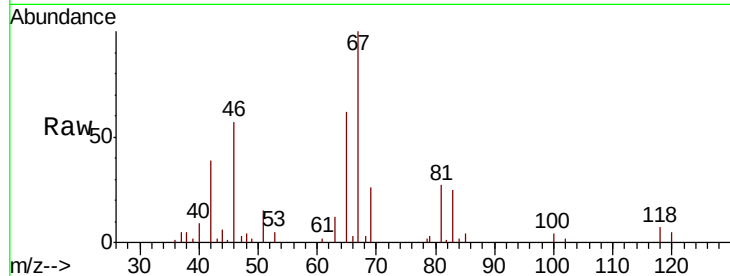




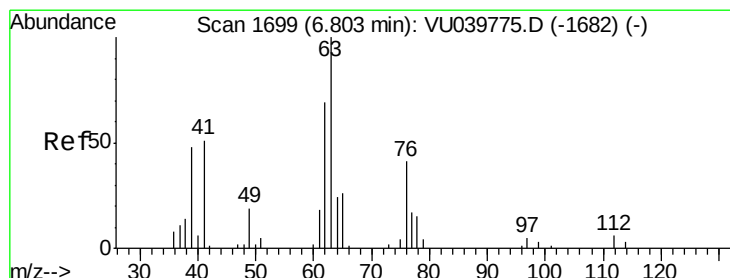
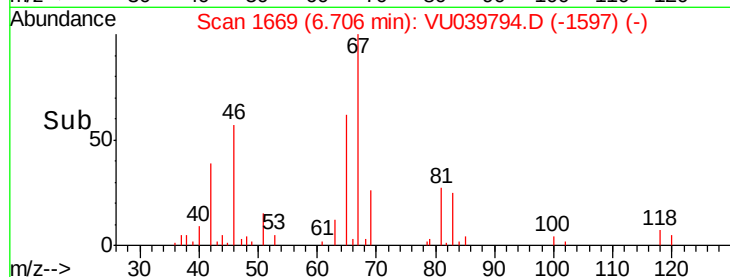
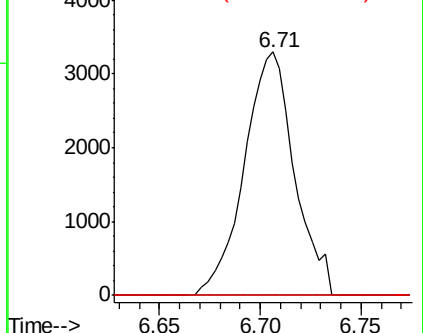
#35
Methylvlcyclohexane
Concen: 0.737 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039794.D
Acq: 07 Aug 2020 19:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5741
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.0 39.0 58.4#

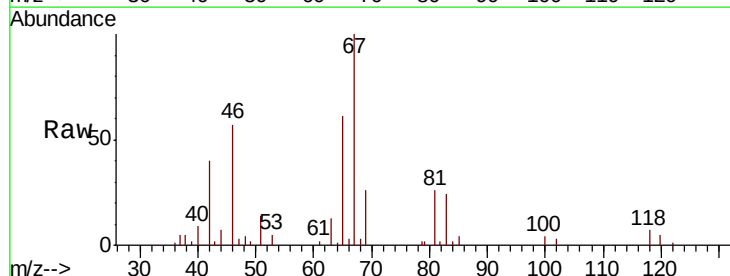


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

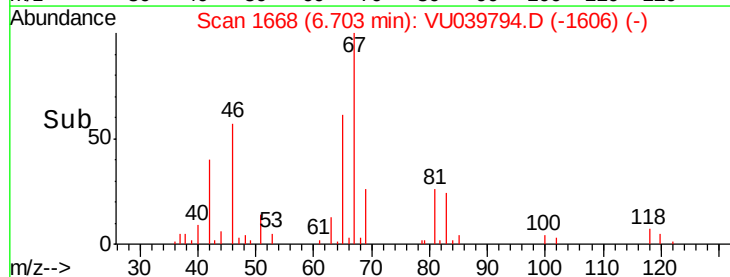
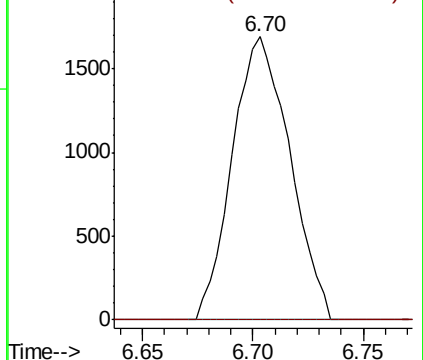


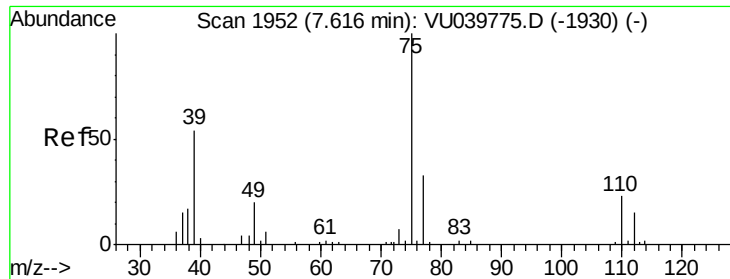
#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039794.D
Acq: 07 Aug 2020 19:18

Tgt Ion: 63 Resp: 3066
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

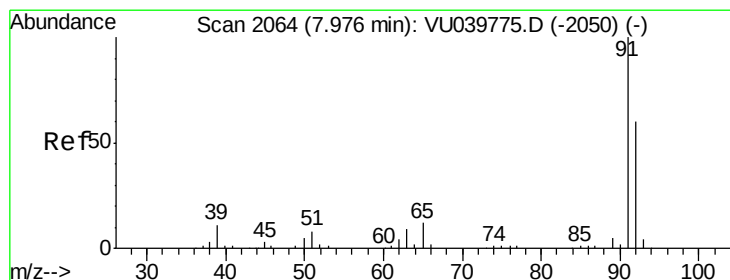
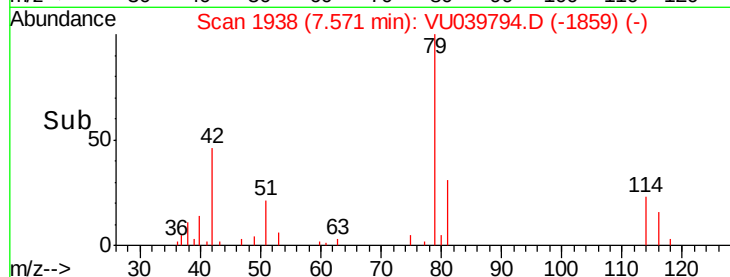
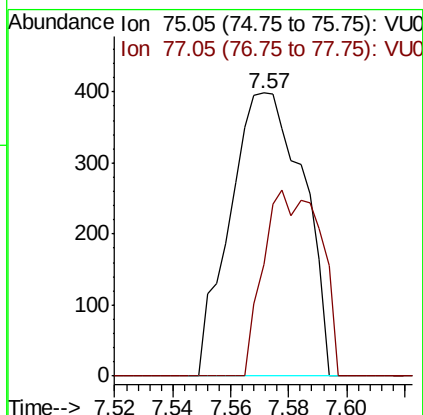
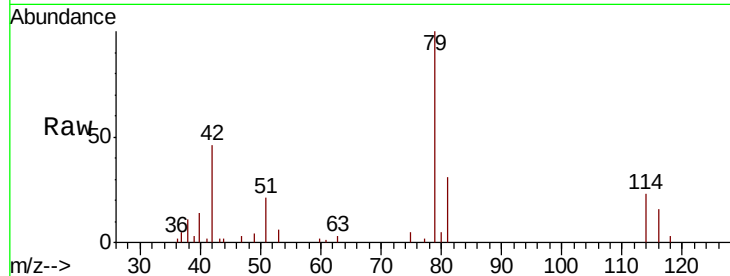




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.05 min
 Lab File: VU039794.D
 Acq: 07 Aug 2020 19:18

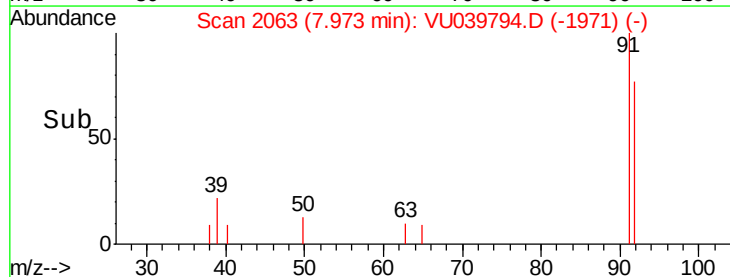
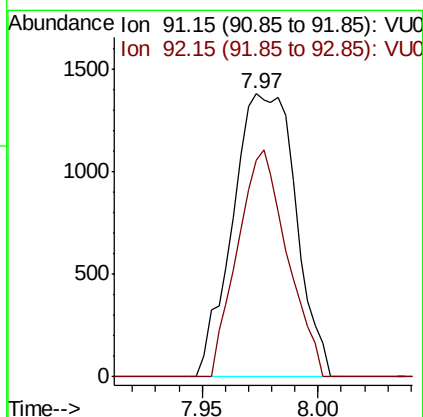
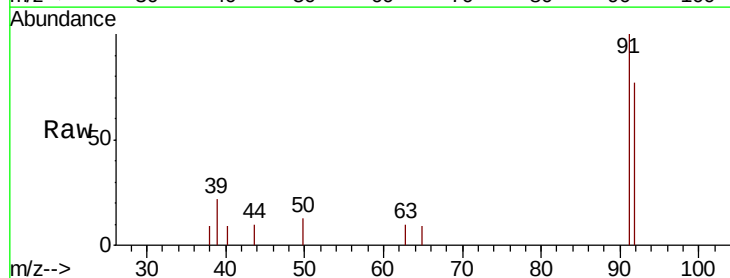
Instrument :
 MSVOA_U
 ClientSampleId :

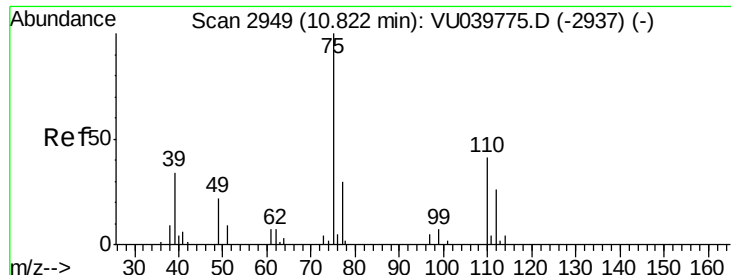
Tot Ion: 75 Resp: 698
 Ion Ratio Lower Upper
 75 100
 77 39.4 22.4 41.6



#42
 Toluene
 Concen: 0.132 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VU039794.D
 Acq: 07 Aug 2020 19:18

Tgt Ion: 91 Resp: 2607
 Ion Ratio Lower Upper
 91 100
 92 76.7 41.6 77.3





#59

1,2,3-Trichloropropane

Concen: 1.192 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU039794.D

Acq: 07 Aug 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 4287

Ion Ratio Lower Upper

75 100

77 36.7 24.6 37.0

