

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110620\
 Data File : VU041128.D
 Acq On : 06 Nov 2020 21:18
 Operator : SY/MD
 Sample : L4646-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G1

Quant Time: Nov 06 23:13:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57318	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	60057	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25615	5.00	ug/L	0.00

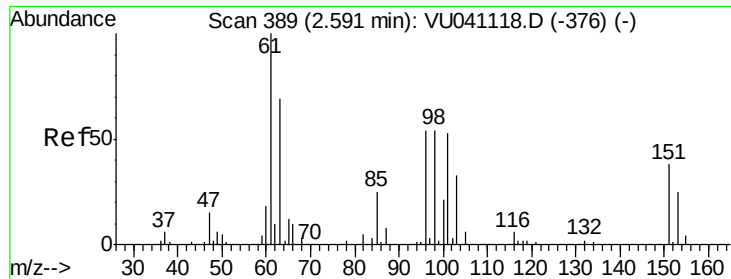
System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	18772	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.92	69	17338	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	30723	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.65	46	82942	52.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.60%
24) Chloroform-d	5.08	84	44535	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	27832	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	78893	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.70	67	28485	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.91	98	66134	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.19	79	10441	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.64	63	57874	47.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23896	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	27193	6.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.00%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	190	0.044	ug/L #	22
13) Acetone	2.66	43	3348	3.088	ug/L	72
22) cis-1,2-Dichloroethene	4.69	96	3693	0.870	ug/L	91
25) Chloroform	5.11	83	735	0.089	ug/L	87
27) 1,2-Dichloroethane	5.75	62	567	0.092	ug/L #	74
33) Benzene	5.75	78	645	0.036	ug/L	100
34) Trichloroethene	6.55	95	3503	0.767	ug/L	89
35) Methylcyclohexane	6.70	83	6607	0.970	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	3383	0.697	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	842	0.126	ug/L #	81
44) trans-1,3-Dichloropropene	8.19	75	494	0.079	ug/L #	81
59) 1,2,3-Trichloropropane	11.81	75	3550	0.981	ug/L	93

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.044 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041128.D

Acq: 06 Nov 2020 21:18

Instrument :

MSVOA_U

ClientSampleId :

GB0G1

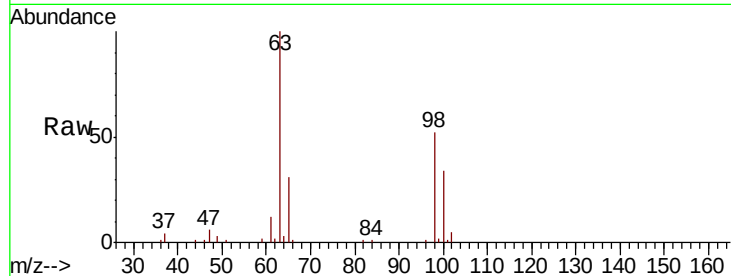
Tot Ion:101 Resp: 190

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 55.3 82.9#



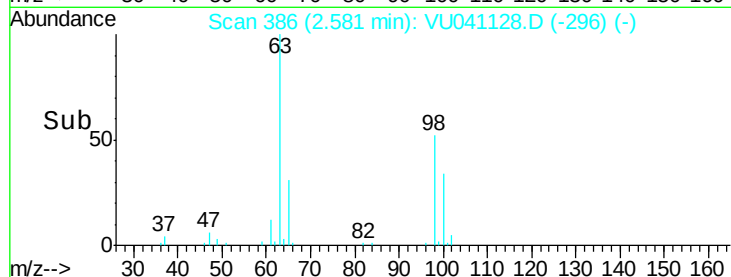
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

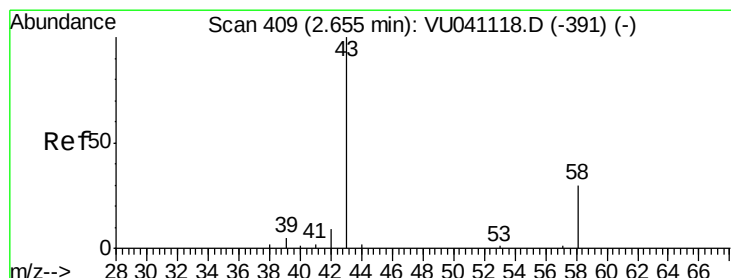
Ion 151.00 (150.70 to 151.70): V

2.58

2.56 2.58 2.60



Time-->



#13

Acetone

Concen: 3.088 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU041128.D

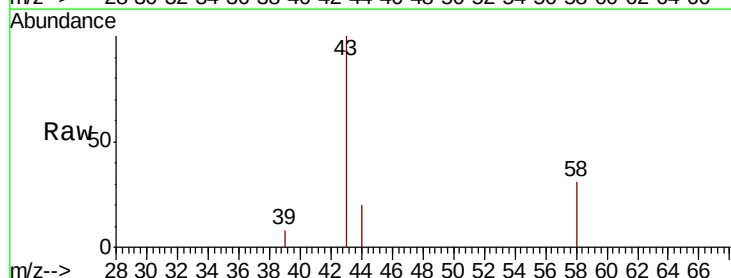
Acq: 06 Nov 2020 21:18

Tgt Ion: 43 Resp: 3348

Ion Ratio Lower Upper

43 100

58 23.9 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

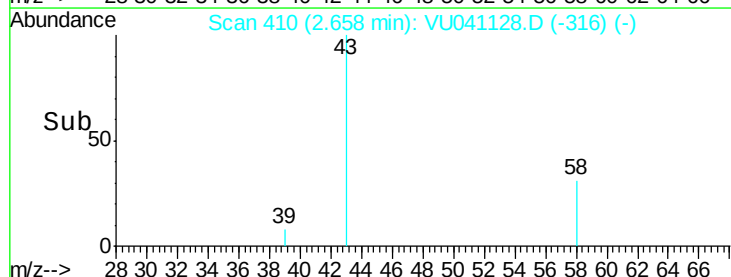
2.66

1000

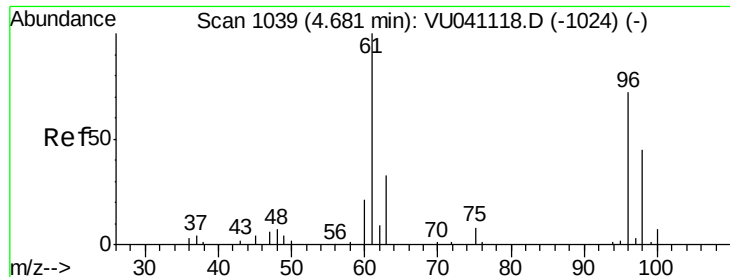
500

0

2.60 2.65 2.70 2.75



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.870 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU041128.D

Acq: 06 Nov 2020 21:18

Instrument :

MSVOA_U

ClientSampleId :

GB0G1

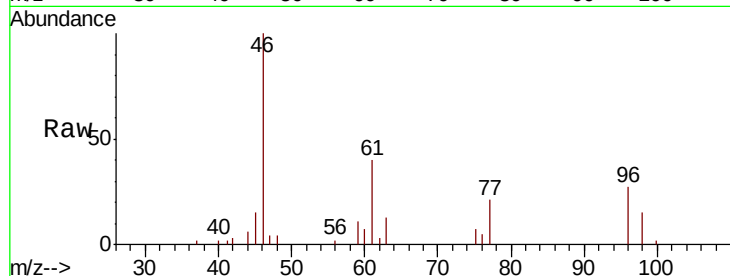
Tot Ion: 96 Resp: 3693

Ion Ratio Lower Upper

96 100

61 150.0 97.2 180.4

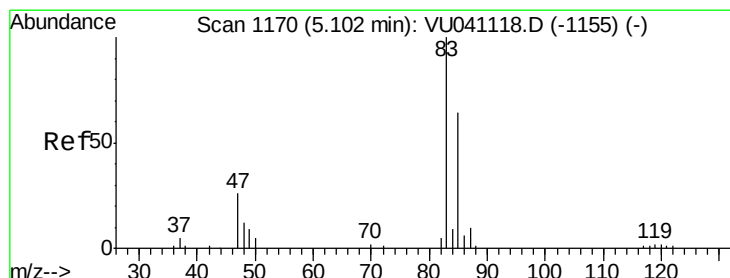
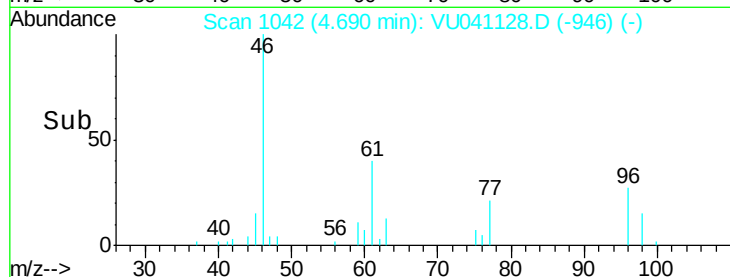
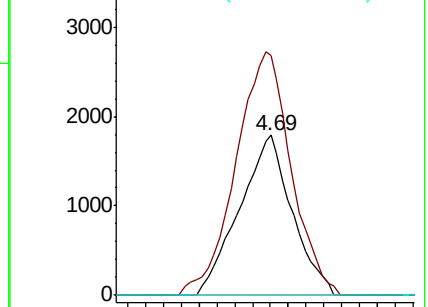
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041118.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU041118.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU041118.D (-1024) (-)



#25

Chloroform

Concen: 0.089 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041128.D

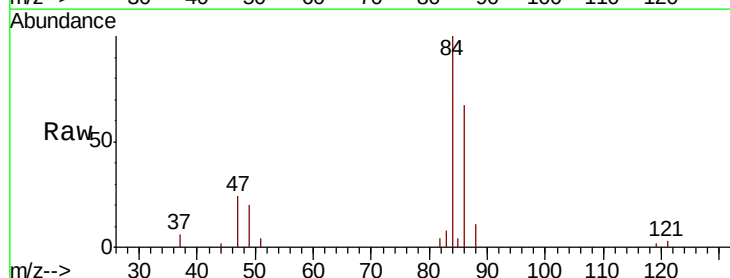
Acq: 06 Nov 2020 21:18

Tgt Ion: 83 Resp: 735

Ion Ratio Lower Upper

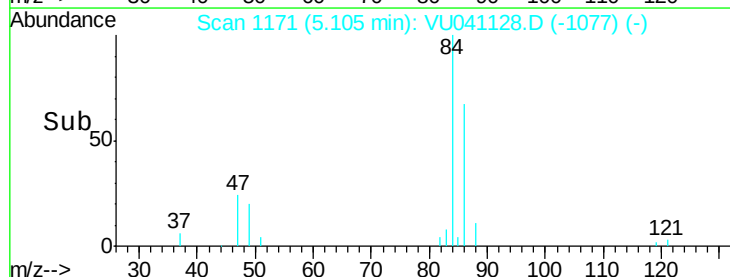
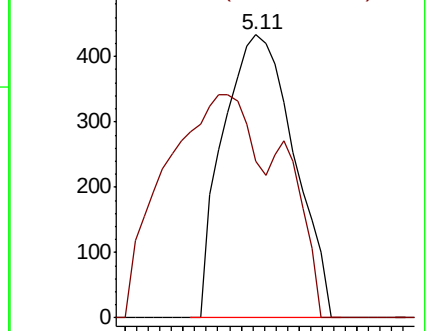
83 100

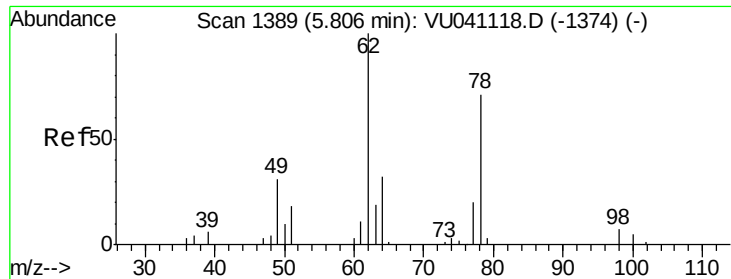
85 55.4 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU041118.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU041118.D (-1155) (-)

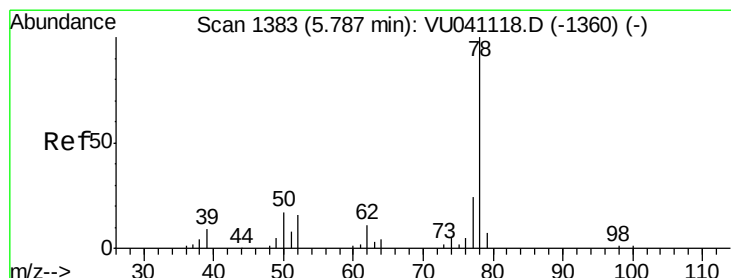
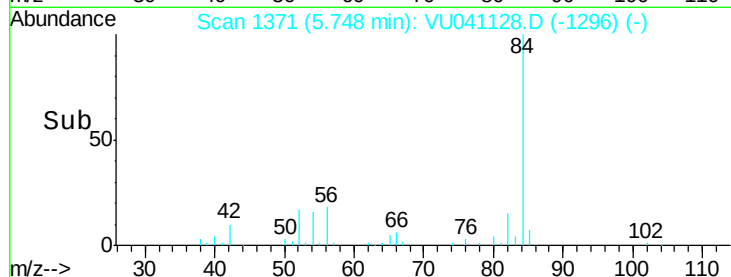
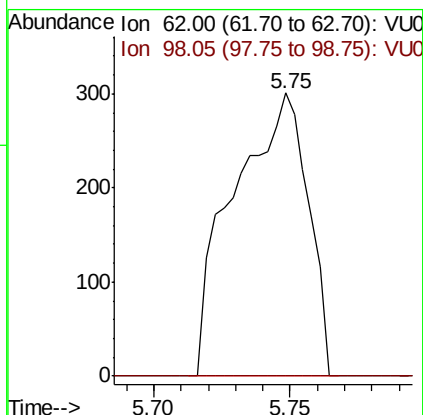
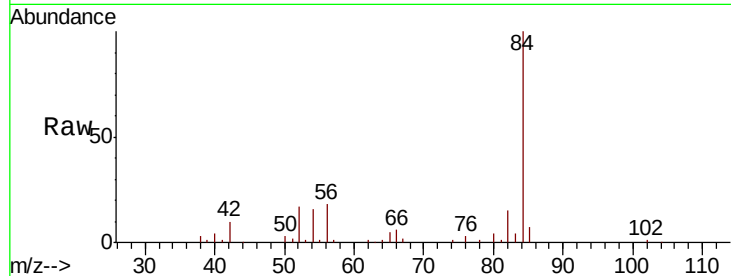




#27
 1,2-Dichloroethane
 Concen: 0.092 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.06 min
 Lab File: VU041128.D
 Acq: 06 Nov 2020 21:18

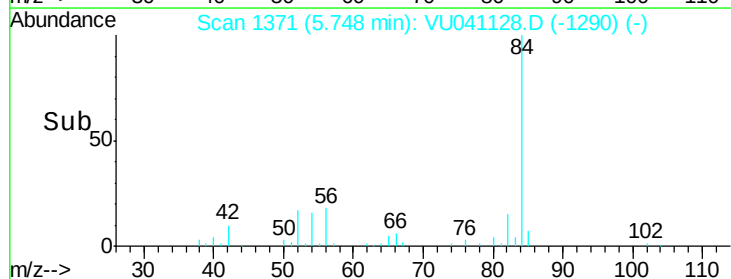
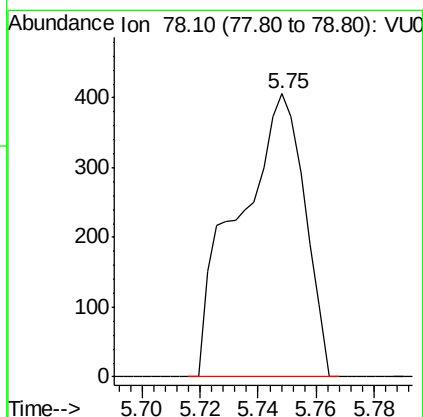
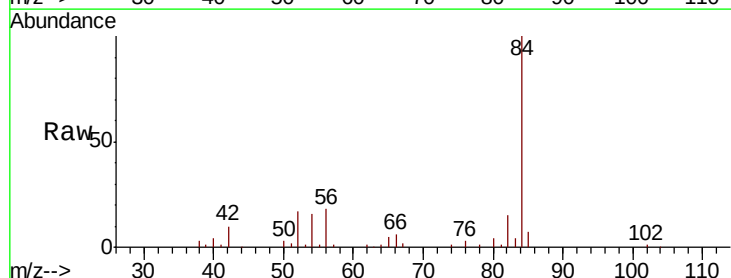
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G1

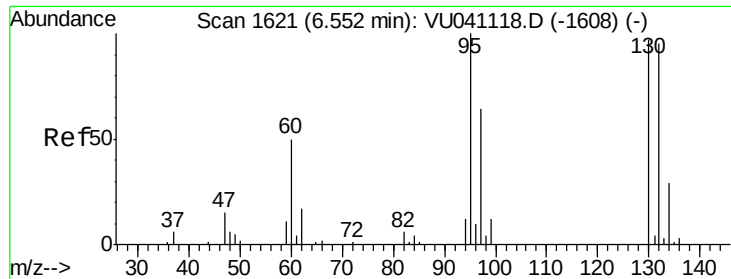
Tot Ion: 62 Resp: 567
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#33
 Benzene
 Concen: 0.036 ug/L
 RT: 5.75 min Scan# 1371
 Delta R.T. -0.04 min
 Lab File: VU041128.D
 Acq: 06 Nov 2020 21:18

Tgt Ion: 78 Resp: 645

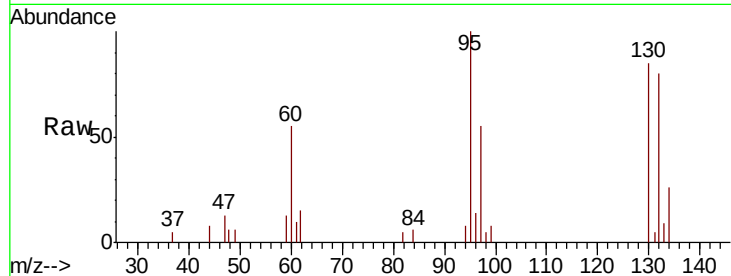




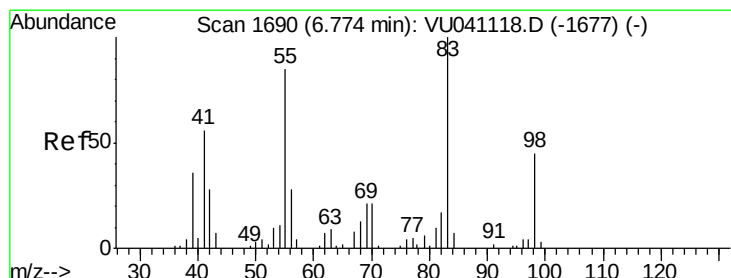
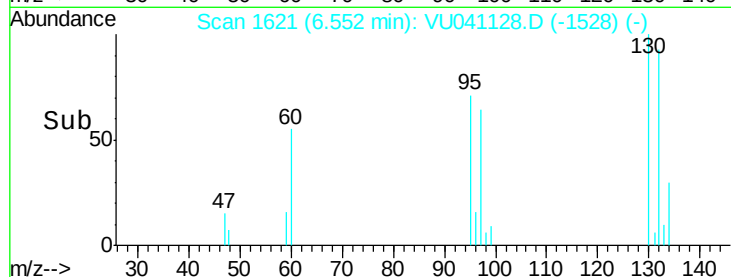
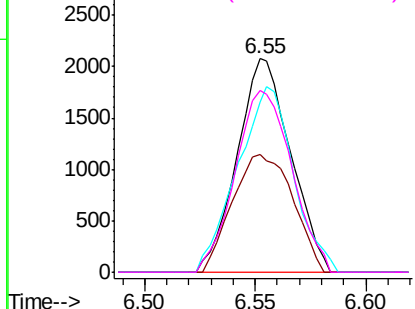
#34
 Trichloroethene
 Concen: 0.767 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041128.D
 Acq: 06 Nov 2020 21:18

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G1

Tot Ion: 95 Resp: 3503
 Ion Ratio Lower Upper
 95 100
 97 54.9 45.6 84.6
 132 79.8 64.8 120.4
 130 85.4 64.8 120.4

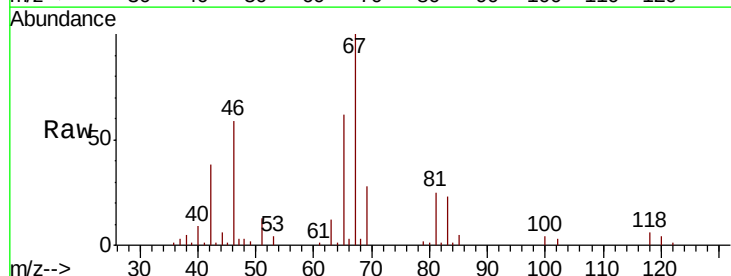


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

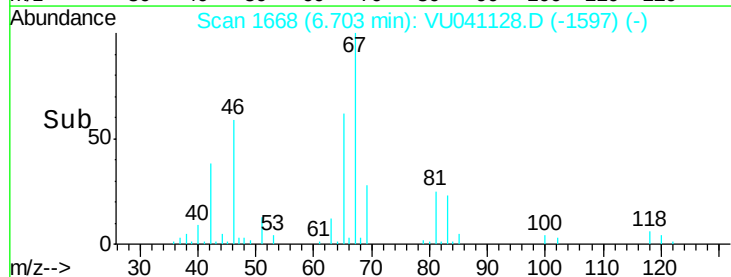
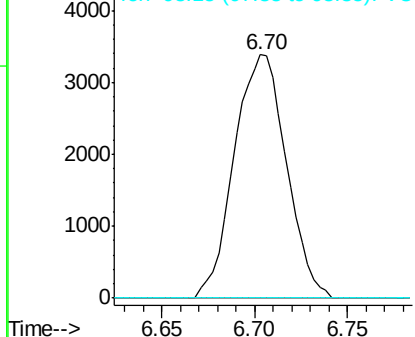


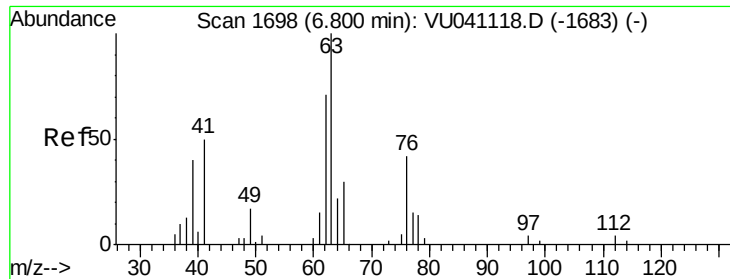
#35
 Methylcyclohexane
 Concen: 0.970 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU041128.D
 Acq: 06 Nov 2020 21:18

Tgt Ion: 83 Resp: 6607
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 2.9 36.6 55.0#



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

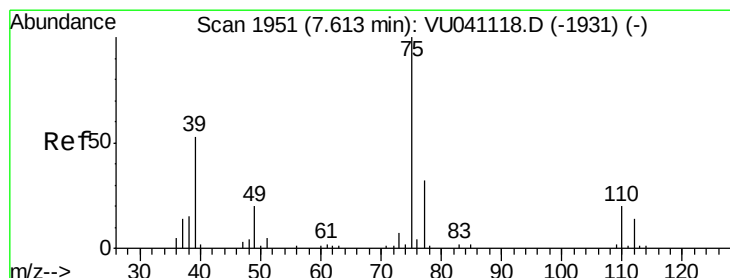
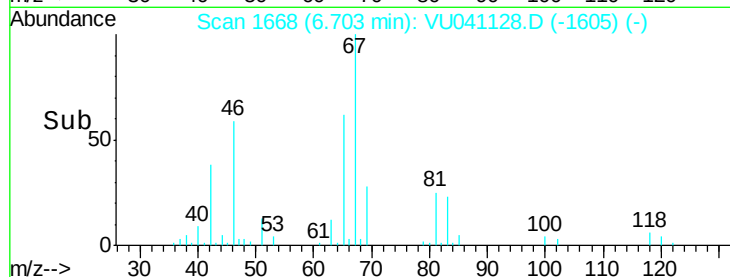
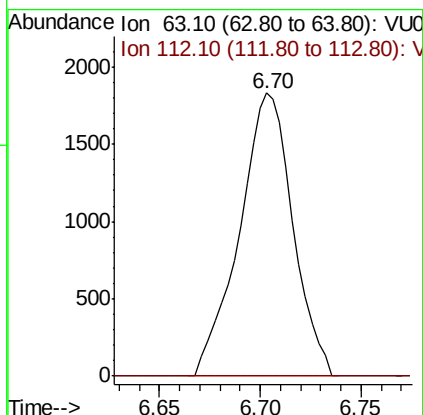
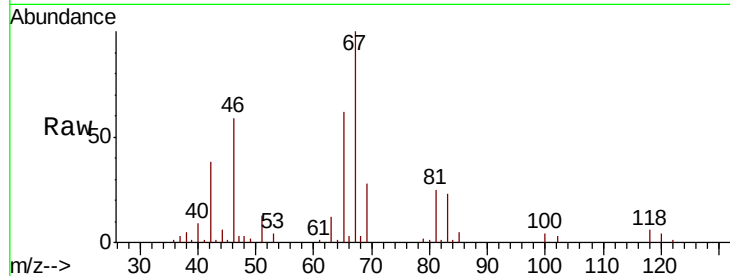




#37
 1,2-Dichloropropane
 Concen: 0.697 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041128.D
 Acq: 06 Nov 2020 21:18

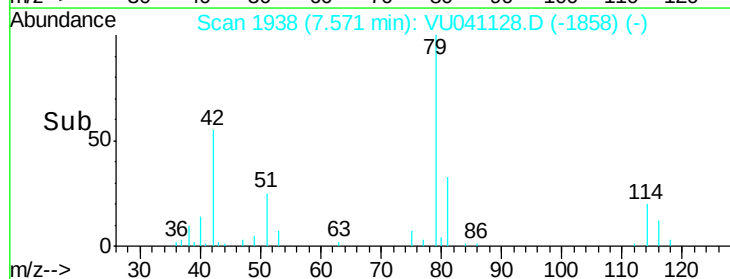
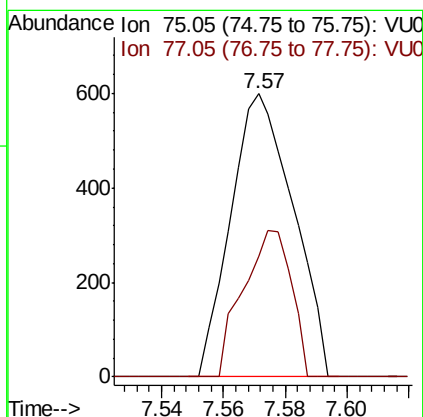
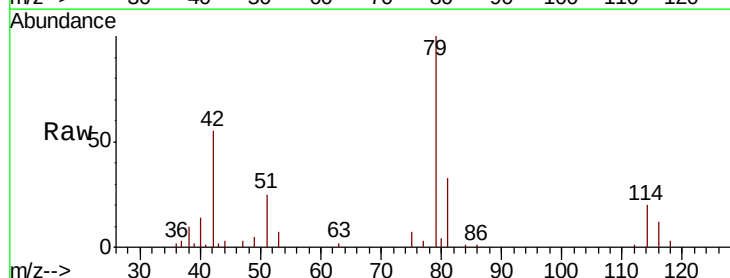
Instrument :
 MSVOA_U
 ClientSampleId :
 GB0G1

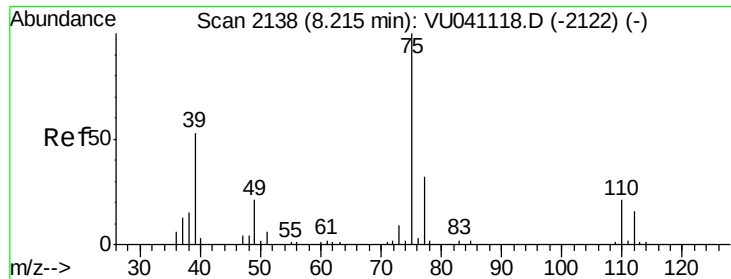
Tot Ion: 63 Resp: 3383
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041128.D
 Acq: 06 Nov 2020 21:18

Tgt Ion: 75 Resp: 842
 Ion Ratio Lower Upper
 75 100
 77 42.9 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041128.D

Acq: 06 Nov 2020 21:18

Instrument :

MSVOA_U

ClientSampleId :

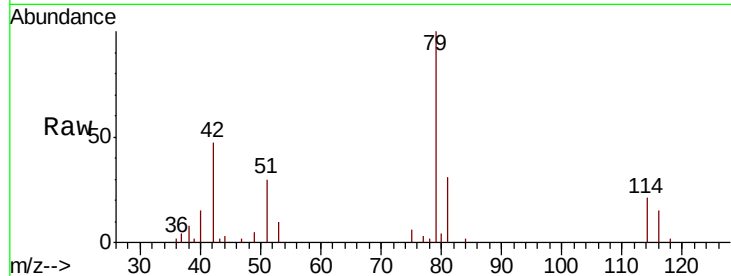
GB0G1

Tot Ion: 75 Resp: 494

Ion Ratio Lower Upper

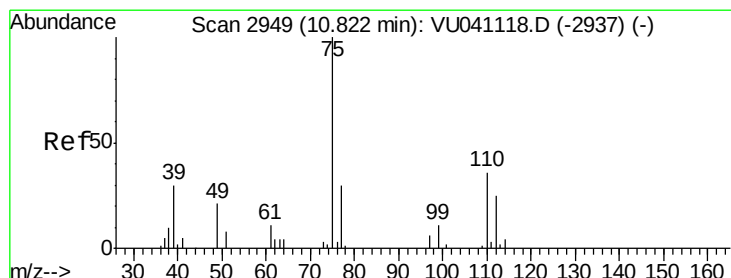
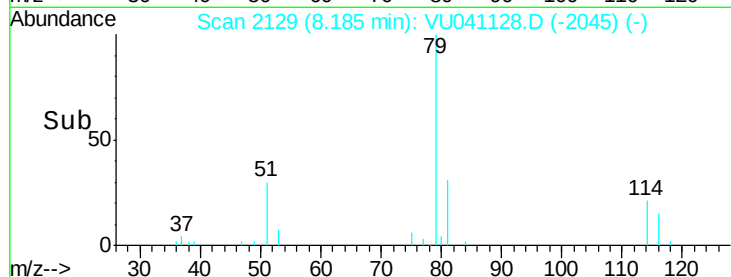
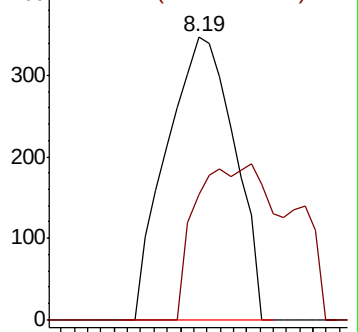
75 100

77 44.0 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.981 ug/L

RT: 11.81 min Scan# 3257

Delta R.T. 0.99 min

Lab File: VU041128.D

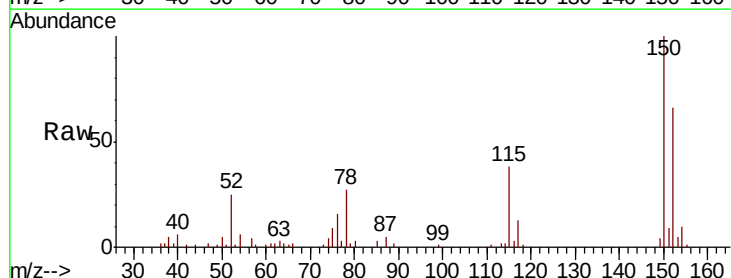
Acq: 06 Nov 2020 21:18

Tgt Ion: 75 Resp: 3550

Ion Ratio Lower Upper

75 100

77 36.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

