

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041617.D
 Acq On : 14 Dec 2020 17:50
 Operator : SY/MD
 Sample : L5027-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J6

Quant Time: Dec 15 00:49:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127263	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30560	3.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.40%
7) Chloroethane-d5	1.92	69	30243	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	2.58	63	53162	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.66	46	147383	51.57	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	5.08	84	77779	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	46363	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.74	84	154817	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.70	67	50067	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	132098	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	8.19	79	20613	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.64	63	114569	44.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.80%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49181	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	50007	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

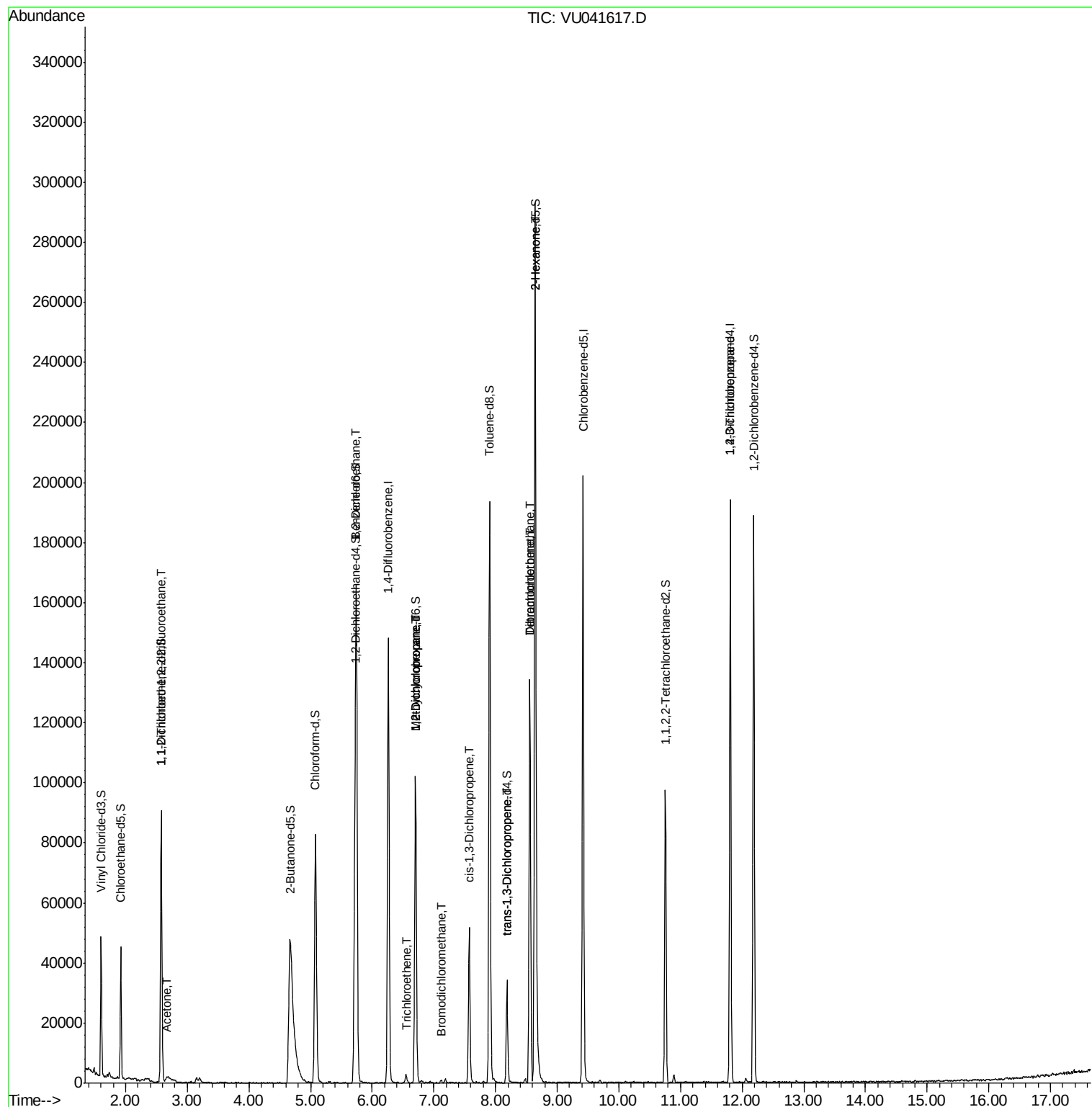
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	542	0.062	ug/L #	22
13) Acetone	2.67	43	1711	0.941	ug/L #	38
27) 1,2-Dichloroethane	5.74	62	918	0.081	ug/L #	73
34) Trichloroethene	6.56	95	787	0.085	ug/L	93
35) Methylcyclohexane	6.70	83	11538	0.768	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5067	0.536	ug/L #	88
38) Bromodichloromethane	7.11	83	820	0.070	ug/L #	95
39) cis-1,3-Dichloropropene	7.57	75	1025	0.073	ug/L #	49
44) trans-1,3-Dichloropropene	8.19	75	728	0.058	ug/L #	73
47) Tetrachloroethene	8.56	164	30049	4.620	ug/L	98
48) 2-Hexanone	8.64	43	12250	2.501	ug/L #	65
49) Dibromochloromethane	8.56	129	29838	3.714	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6020	0.848	ug/L	99

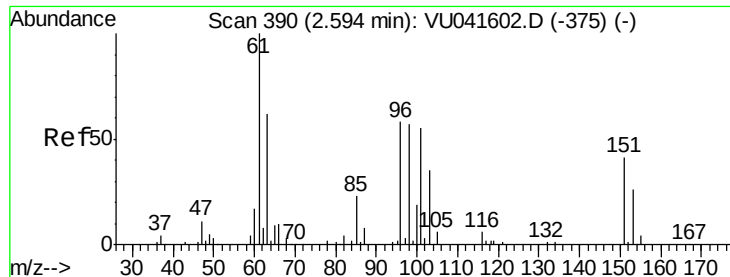
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.062 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041617.D

Acq: 14 Dec 2020 17:50

Instrument :

MSVOA_U

ClientSampleId :

GB1J6

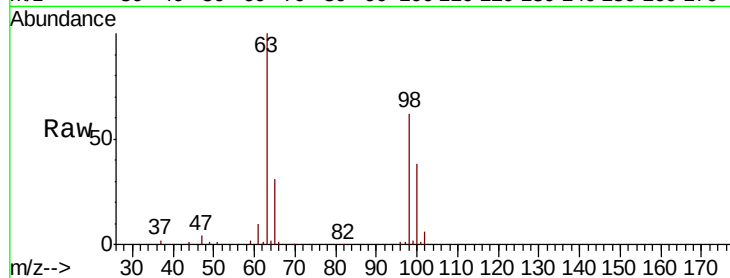
Tot Ion:101 Resp: 542

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

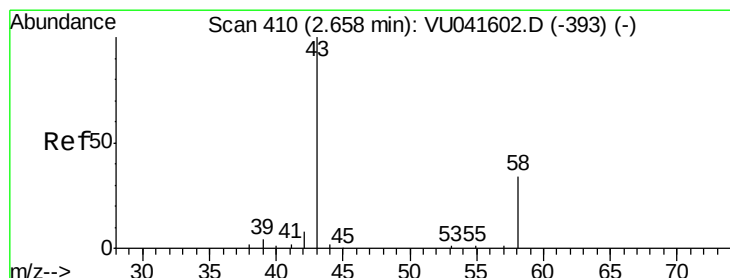
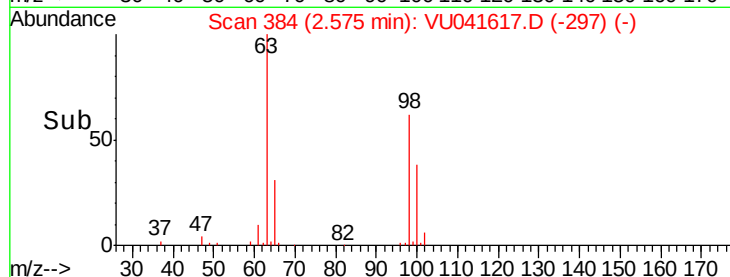
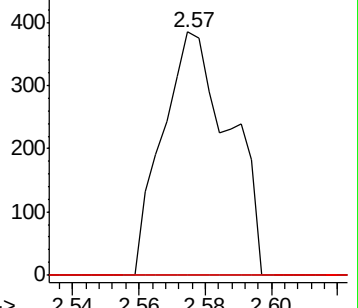
151 0.0 56.2 84.4#



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



#13

Acetone

Concen: 0.941 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU041617.D

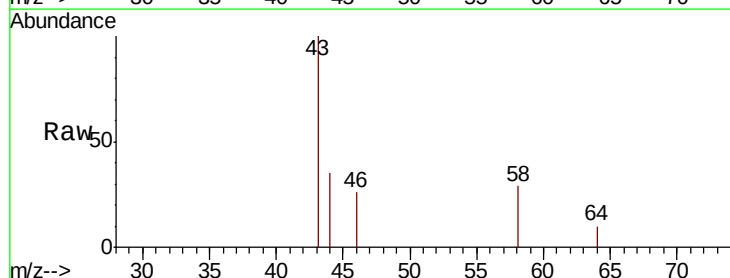
Acq: 14 Dec 2020 17:50

Tgt Ion: 43 Resp: 1711

Ion Ratio Lower Upper

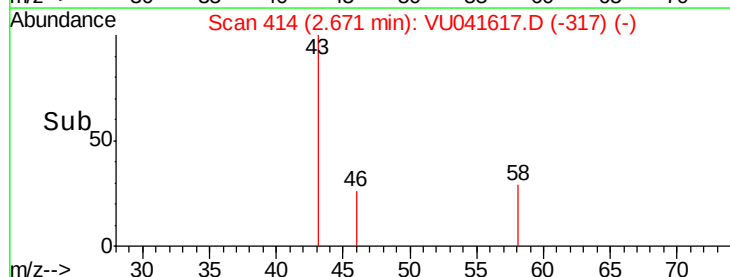
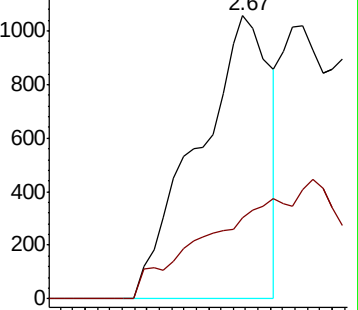
43 100

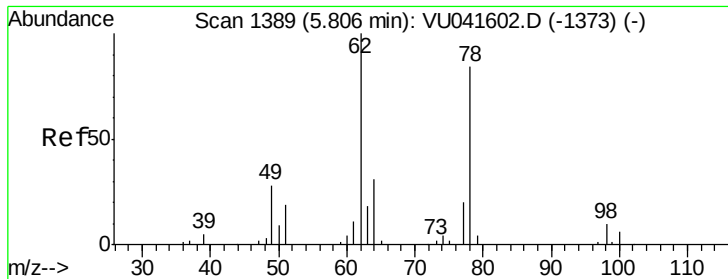
58 0.0 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

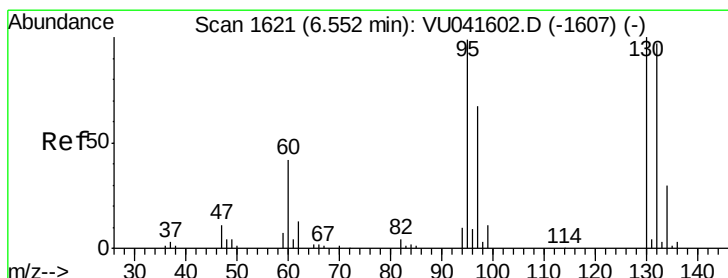
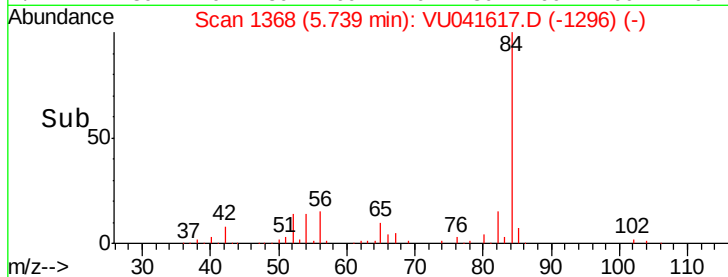
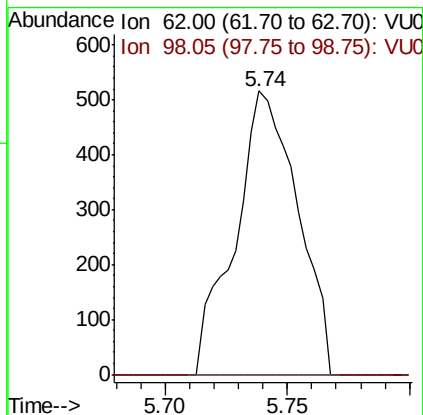
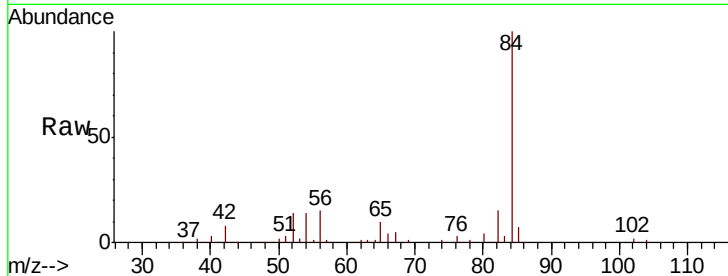




#27
 1,2-Dichloroethane
 Concen: 0.081 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU041617.D
 Acq: 14 Dec 2020 17:50

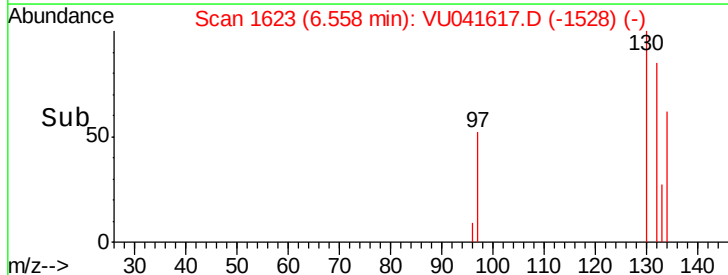
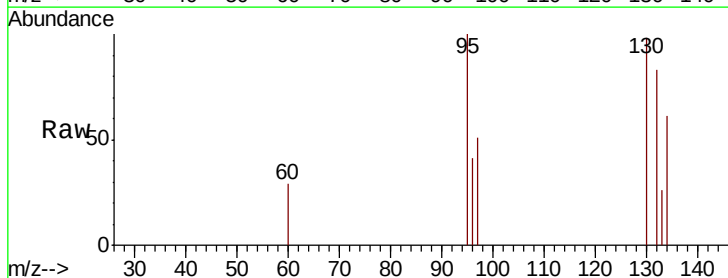
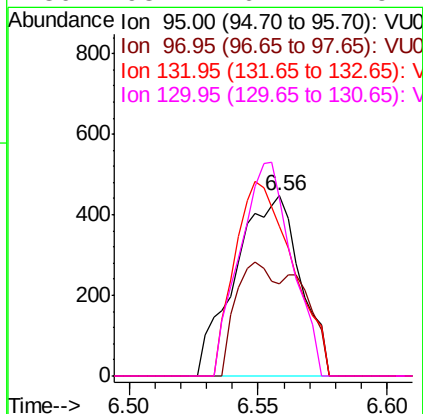
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J6

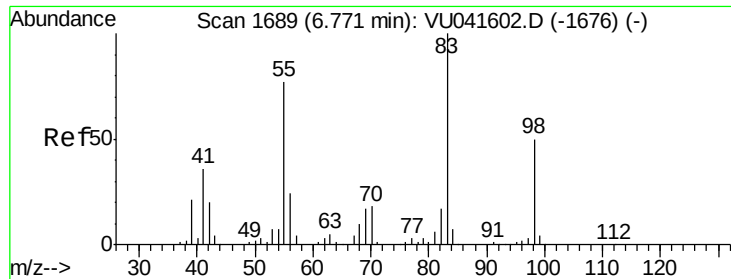
Tot Ion: 62 Resp: 918
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#34
 Trichloroethene
 Concen: 0.085 ug/L
 RT: 6.56 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: VU041617.D
 Acq: 14 Dec 2020 17:50

Tgt Ion: 95 Resp: 787
 Ion Ratio Lower Upper
 95 100
 97 51.5 43.9 81.5
 132 83.2 63.1 117.3
 130 98.4 67.4 125.2

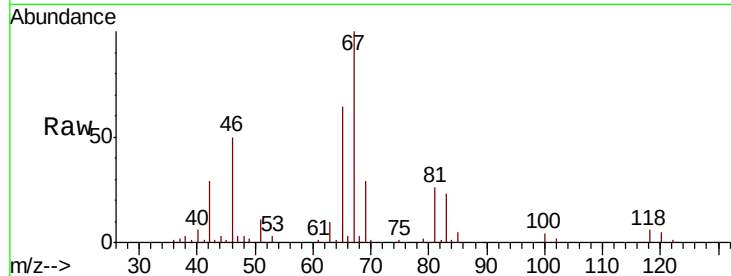




#35
Methylvlcyclohexane
Concen: 0.768 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Instrument :
MSVOA_U
ClientSampleId :
GB1J6

Tot Ion	83	Resp	11538
Ion Ratio	Lower	Upper	
83	100		
55	0.0	61.2	91.8#
98	2.7	36.6	54.8#

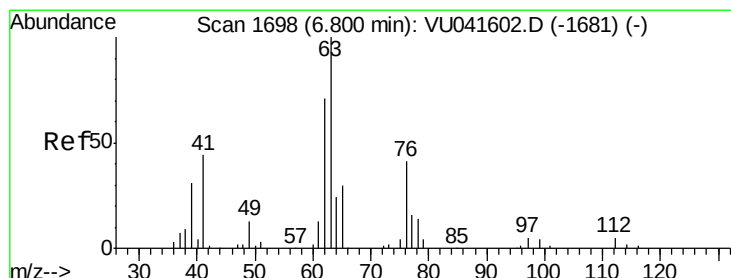
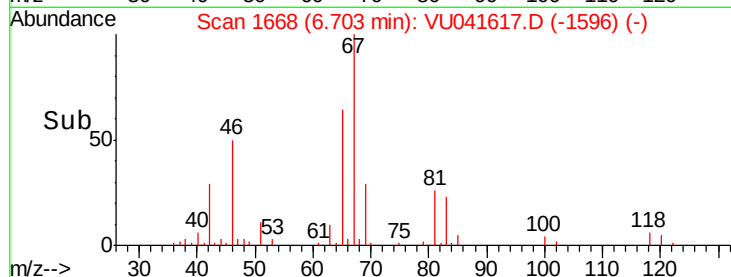
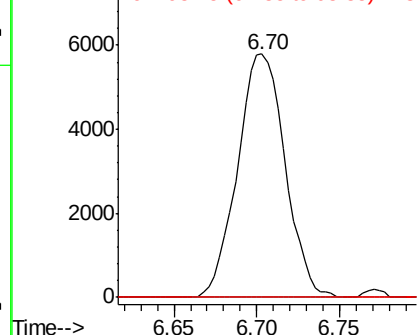


Abundance

Ion 83.15 (82.85 to 83.85): VU0

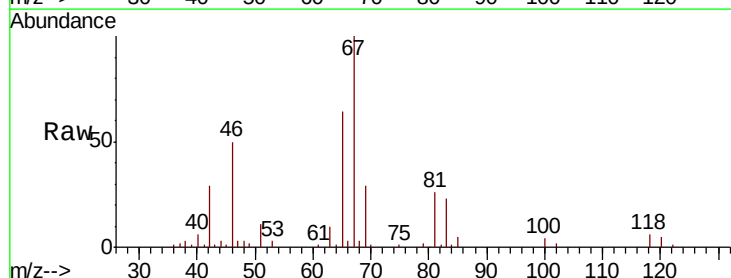
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

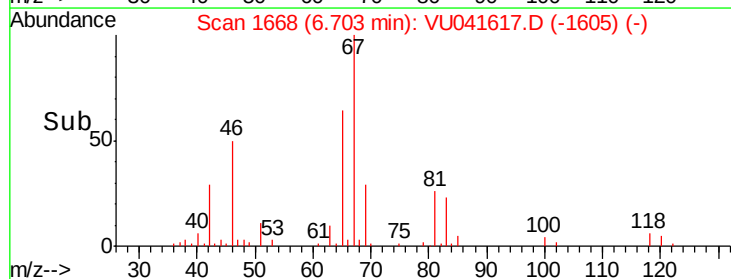
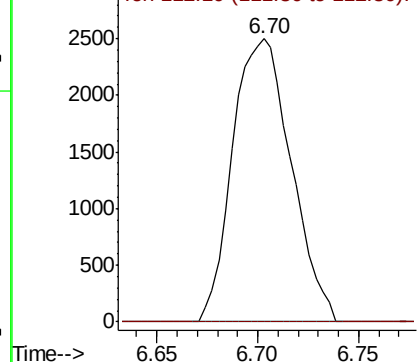
Tgt Ion	63	Resp	5067
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.1	4.7#

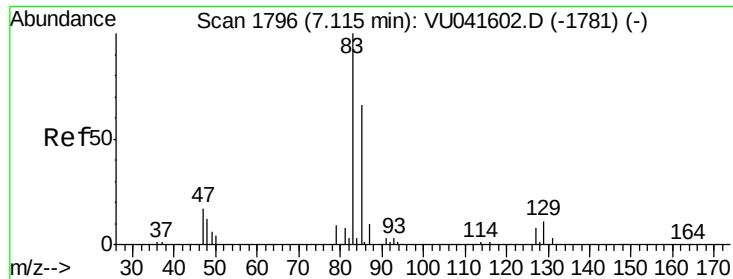


Abundance

Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

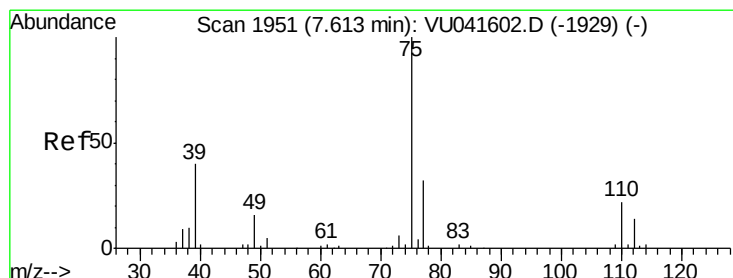
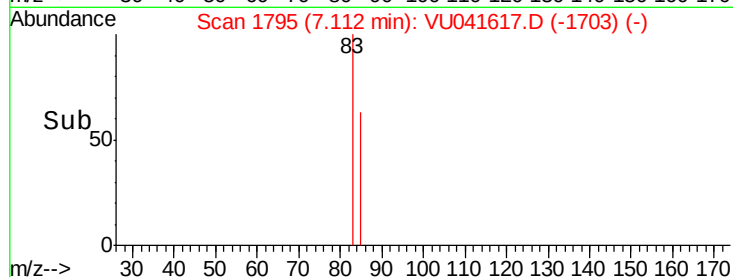
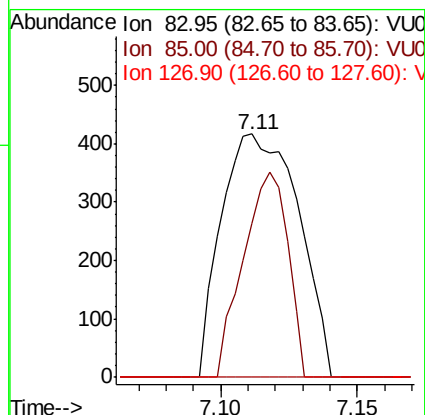
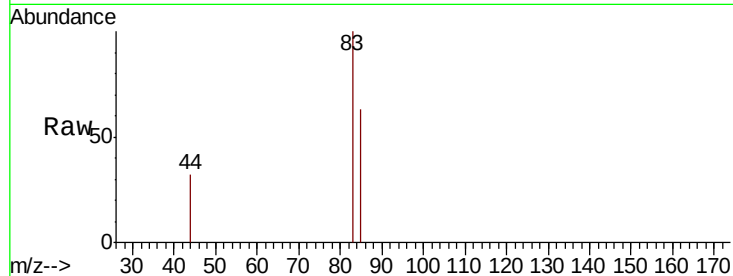




#38
 Bromodichloromethane
 Concen: 0.070 ug/L
 RT: 7.11 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VU041617.D
 Acq: 14 Dec 2020 17:50

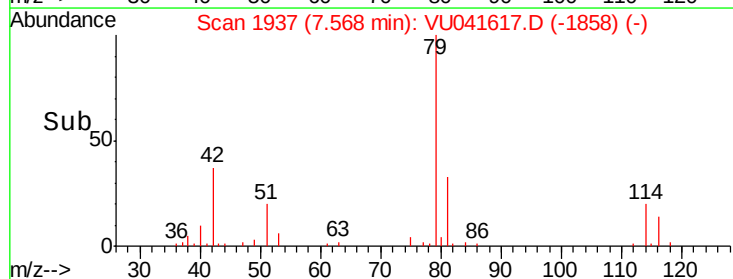
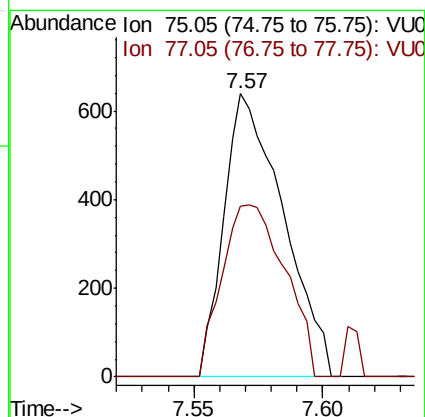
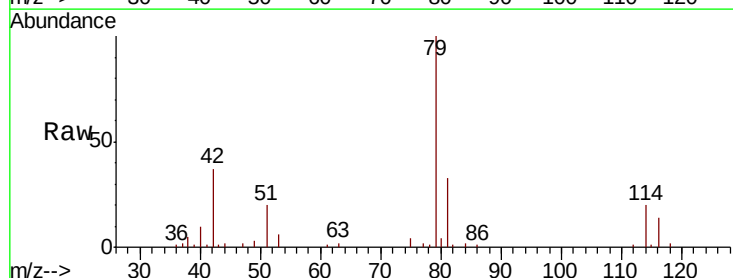
Instrument :
 MSVOA_U
 ClientSampled :
 GB1J6

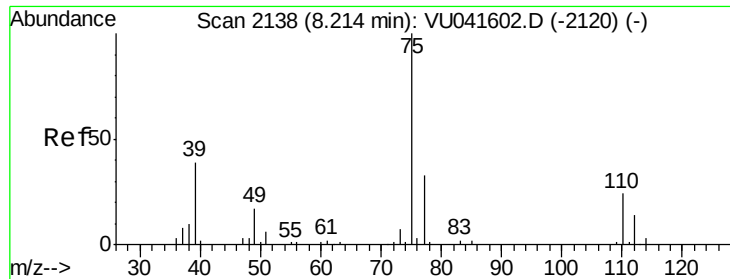
Tot Ion: 83 Resp: 820
 Ion Ratio Lower Upper
 83 100
 85 63.1 45.5 84.5
 127 0.0 7.0 10.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU041617.D
 Acq: 14 Dec 2020 17:50

Tgt Ion: 75 Resp: 1025
 Ion Ratio Lower Upper
 75 100
 77 60.2 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.058 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041617.D

Acq: 14 Dec 2020 17:50

Instrument :

MSVOA_U

ClientSampleId :

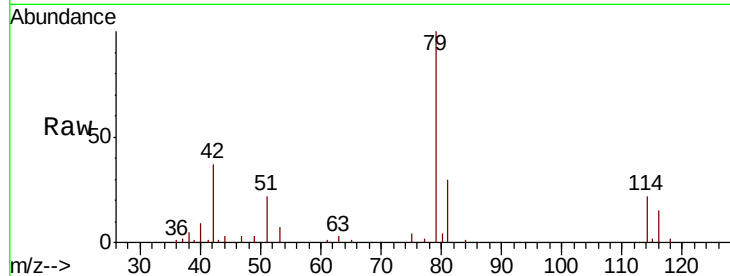
GB1J6

Tot Ion: 75 Resp: 728

Ion Ratio Lower Upper

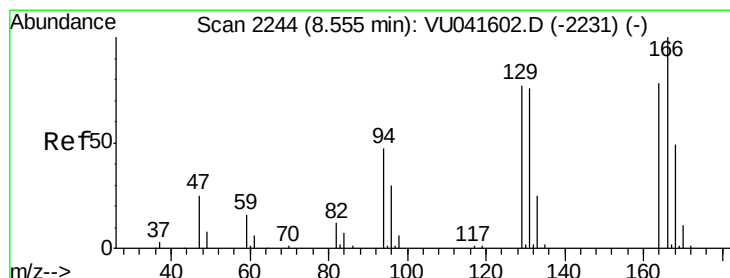
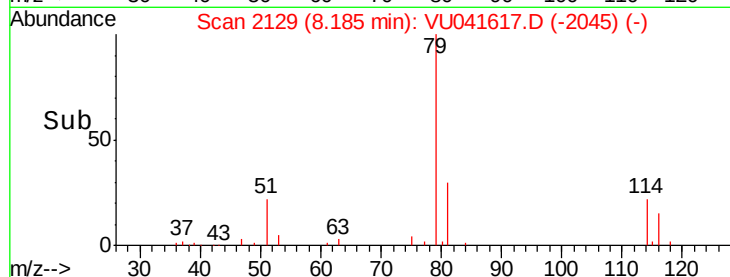
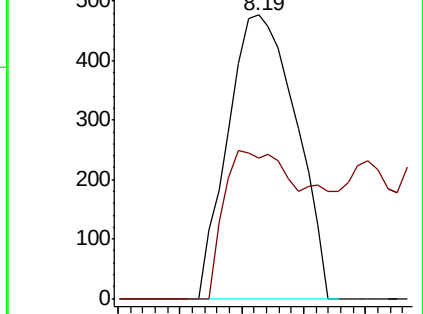
75 100

77 49.3 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU041602.D (-2120) (-)

Ion 77.05 (76.75 to 77.75): VU041602.D (-2120) (-)



#47

Tetrachloroethene

Concen: 4.620 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041617.D

Acq: 14 Dec 2020 17:50

Tgt Ion:164 Resp: 30049

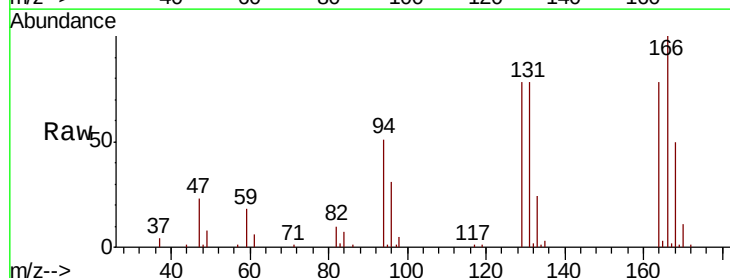
Ion Ratio Lower Upper

164 100

129 99.6 72.2 134.0

131 99.2 66.9 124.3

166 127.9 89.6 166.4

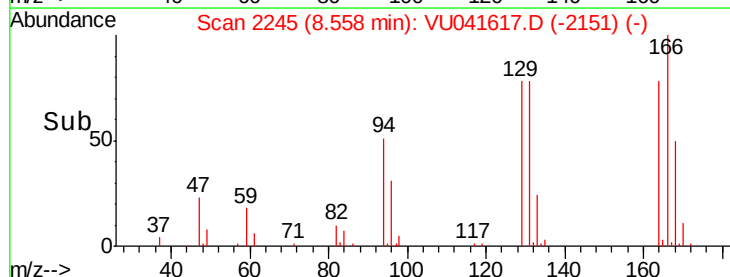
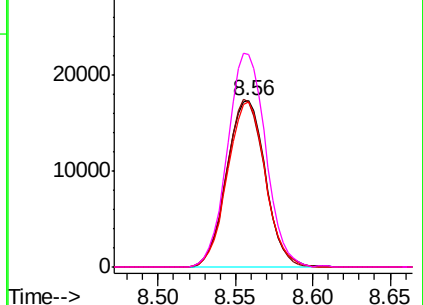


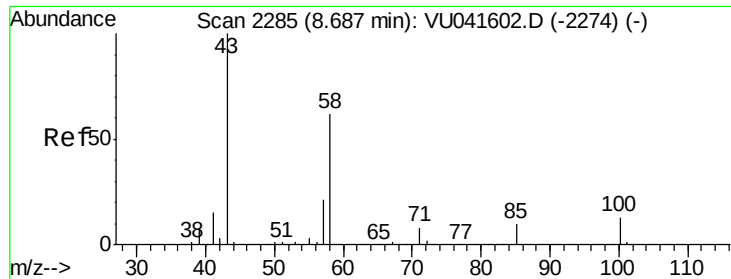
Abundance Ion 163.90 (163.60 to 164.60): VU041602.D (-2231) (-)

Ion 128.95 (128.65 to 129.65): VU041602.D (-2231) (-)

Ion 130.95 (130.65 to 131.65): VU041602.D (-2231) (-)

Ion 165.90 (165.60 to 166.60): VU041602.D (-2231) (-)

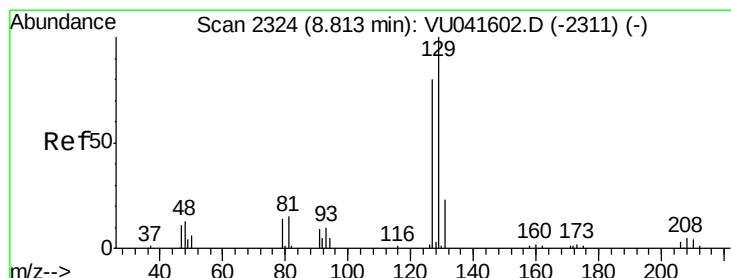
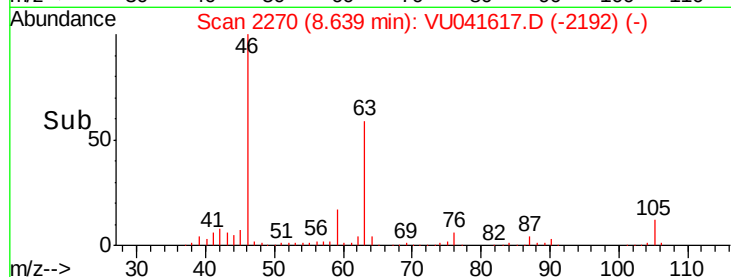
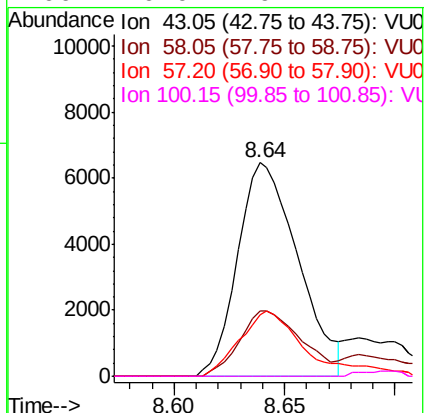
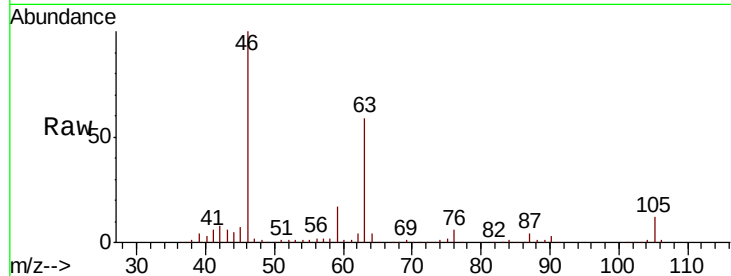




#48
2-Hexanone
Concen: 2.501 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

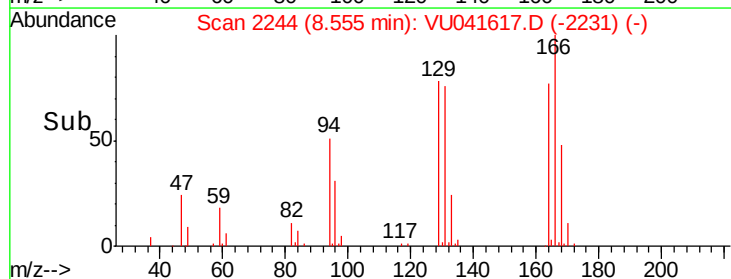
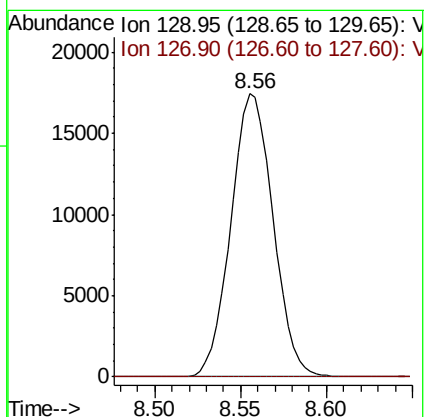
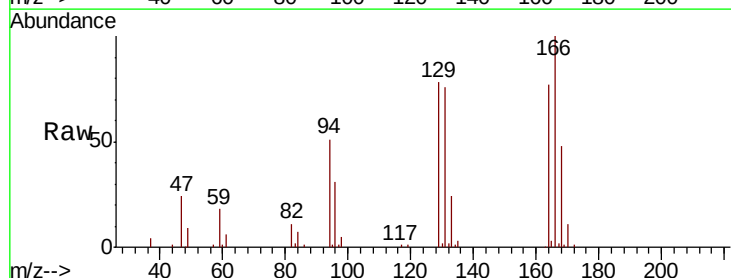
Instrument :
MSVOA_U
ClientSampleId :
GB1J6

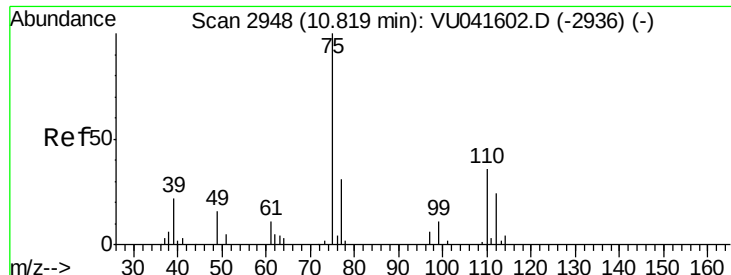
Tot Ion	Ratio	Lower	Upper
43	100		
58	31.0	47.9	71.9#
57	33.7	16.5	24.7#
100	0.0	9.4	14.2#



#49
Dibromochloromethane
Concen: 3.714 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59

1,2,3-Trichloropropane

Concen: 0.848 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041617.D

Acq: 14 Dec 2020 17:50

Instrument :

MSVOA_U

ClientSampleId :

GB1J6

Tot Ion: 75 Resp: 6020

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

