

Data File : VU027630.D
Acq On : 12 Oct 2018 17:45
Operator : MD/SY
Sample : J5403-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0902

Quant Time: Oct 13 01:42:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	167730	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153636	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60182	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52900	40.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.16%
7) Chloroethane-d5	1.68	69	43315	42.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.18%
11) 1,1-Dichloroethene-d2	2.27	63	73776	29.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.60%#
21) 2-Butanone-d5	4.18	46	103247	96.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.89%
24) Chloroform-d	4.65	84	98712	46.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.50%
26) 1,2-Dichloroethane-d4	5.31	65	67524	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
32) Benzene-d6	5.34	84	192695	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
36) 1,2-Dichloropropane-d6	6.33	67	69620	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.32%
41) Toluene-d8	7.57	98	154931	39.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.74%#
43) trans-1,3-Dichloropropene-	7.85	79	29317	40.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.68%
47) 2-Hexanone-d5	8.31	63	68395	89.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.79%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90645	45.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	54027	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%

Target Compounds

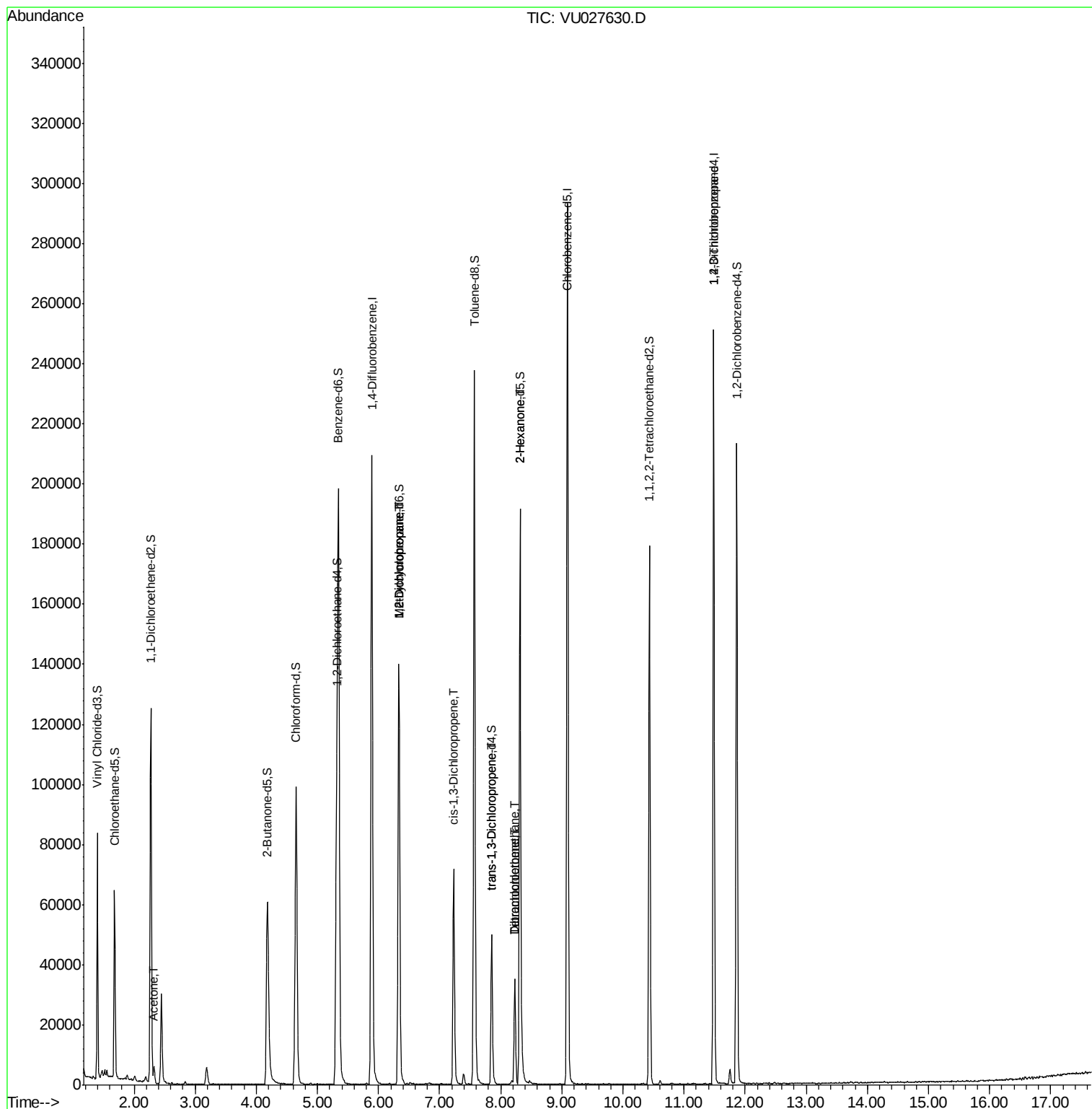
					Qvalue
13) Acetone	2.32	43	4911	5.619 ug/L	95
35) Methylcyclohexane	6.33	83	15360	7.281 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7074	4.836 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1756	0.817 ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	1090	0.546 ug/L	95
46) Tetrachloroethene	8.23	164	8107	8.984 ug/L	94
48) 2-Hexanone	8.31	43	9204	5.442 ug/L #	67
49) Dibromochloromethane	8.23	129	7862	6.421 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8200	4.952 ug/L	94

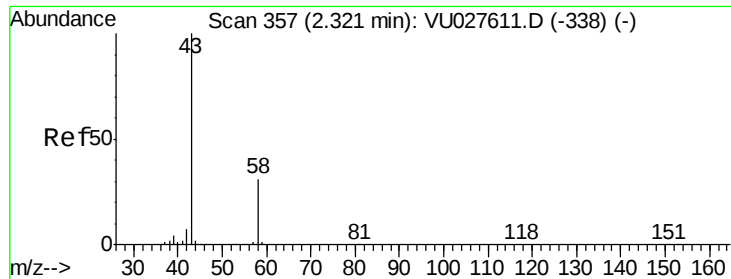
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.619 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027630.D

Acq: 12 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

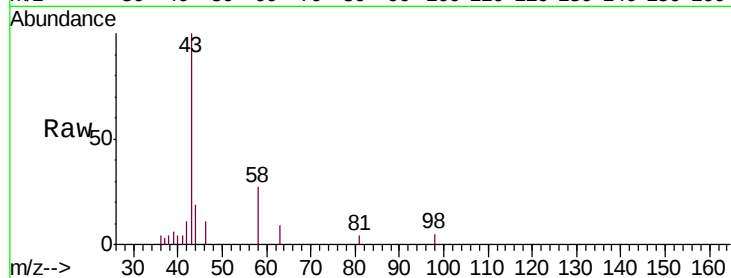
C0902

Tgt Ion: 43 Resp: 4911

Ion Ratio Lower Upper

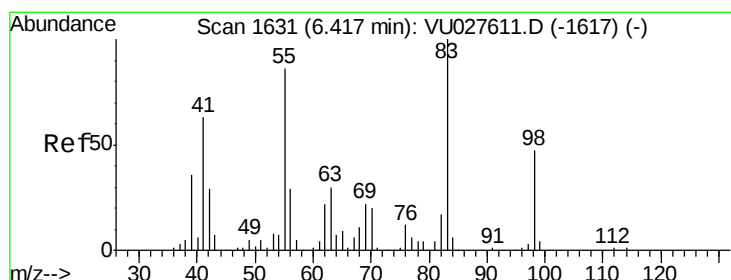
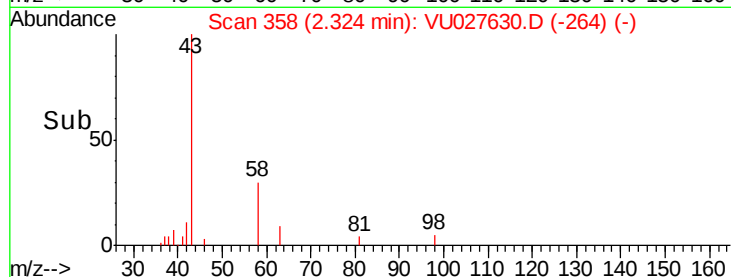
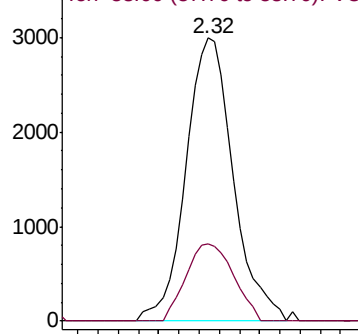
43 100

58 27.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 7.281 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027630.D

Acq: 12 Oct 2018 17:45

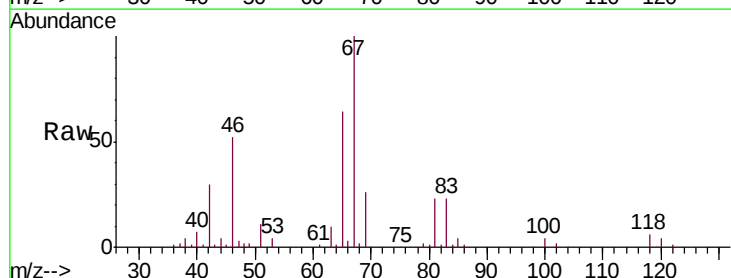
Tgt Ion: 83 Resp: 15360

Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

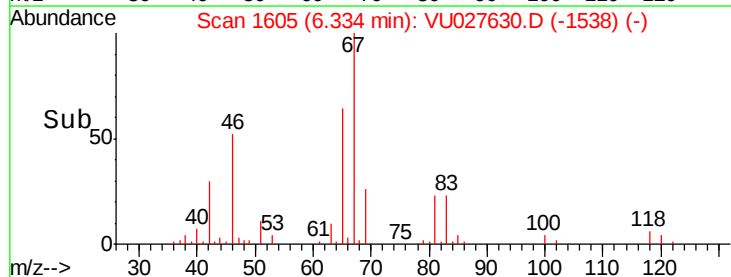
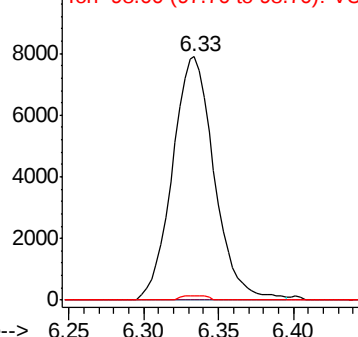
98 1.0 37.1 55.7#

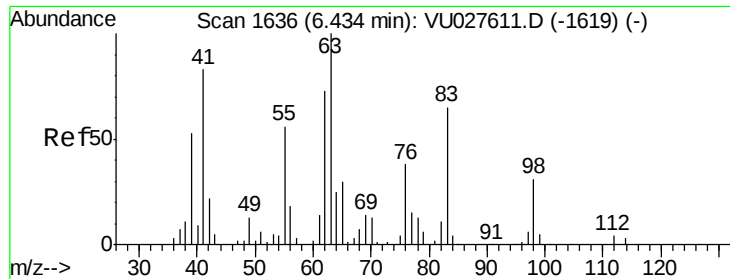


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

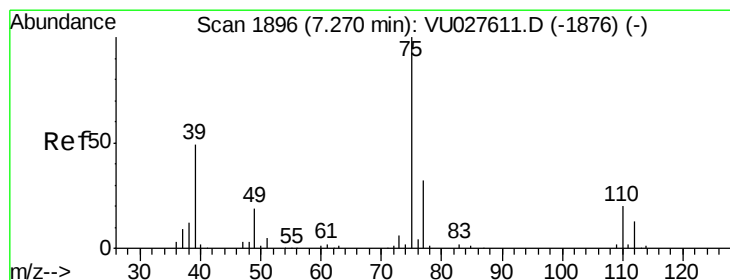
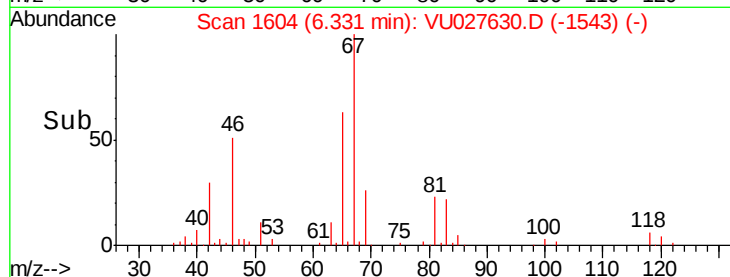
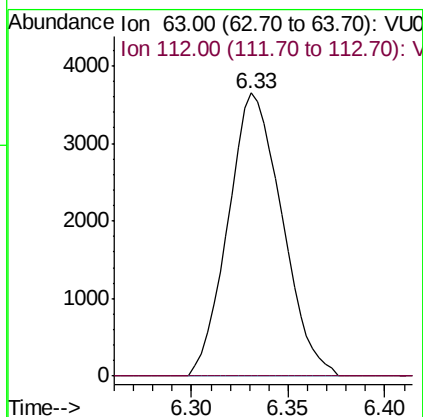
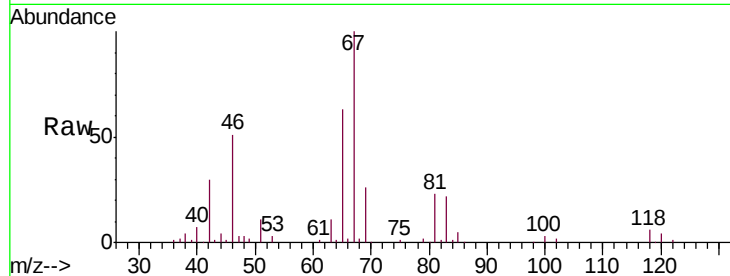




#37
 1,2-Dichloropropane
 Concen: 4.836 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027630.D
 Acq: 12 Oct 2018 17:45

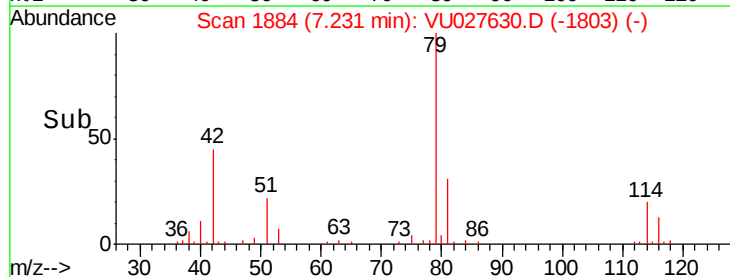
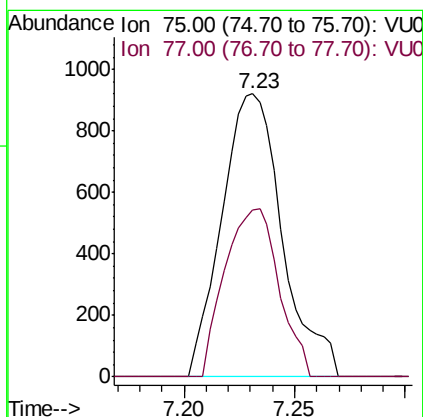
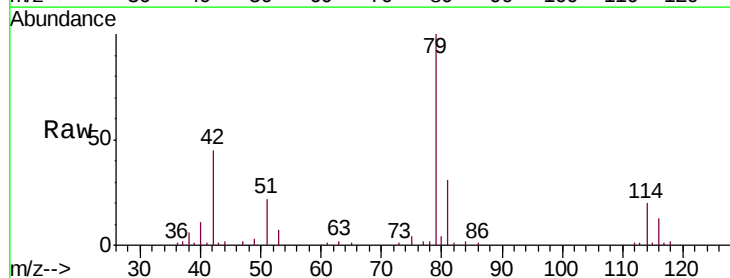
Instrument :
 MSVOA_U
 ClientSampleId :
 C0902

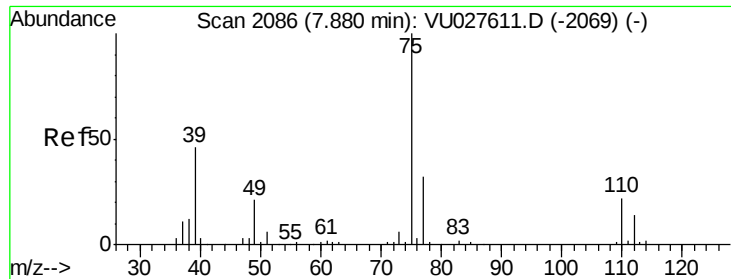
Tgt Ion: 63 Resp: 7074
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.817 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027630.D
 Acq: 12 Oct 2018 17:45

Tgt Ion: 75 Resp: 1756
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.546 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027630.D

Acq: 12 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

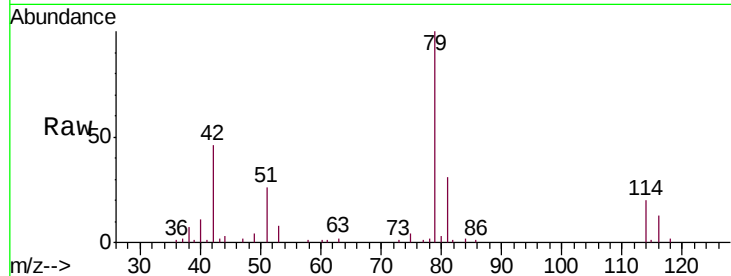
C0902

Tgt Ion: 75 Resp: 1090

Ion Ratio Lower Upper

75 100

77 34.6 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU027611.D (-2069) (-)

Ion 77.00 (76.70 to 77.70): VU027611.D (-2069) (-)

7.85

600

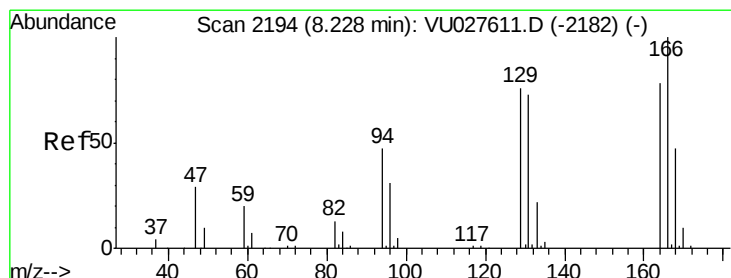
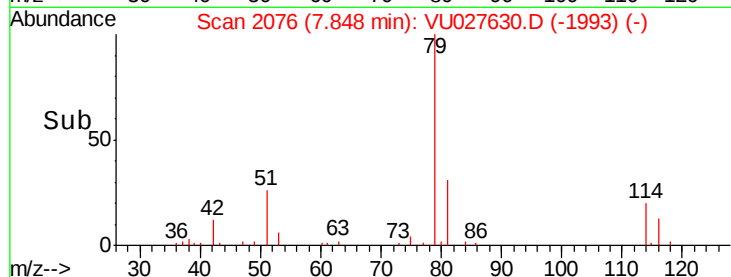
400

200

0

7.82 7.84 7.86 7.88

Time-->



#46

Tetrachloroethene

Concen: 8.984 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027630.D

Acq: 12 Oct 2018 17:45

Tgt Ion: 164 Resp: 8107

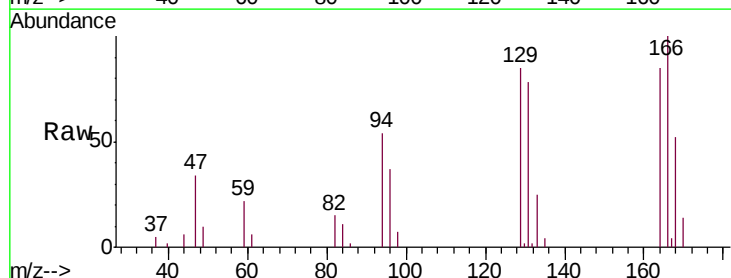
Ion Ratio Lower Upper

164 100

129 99.5 67.0 124.4

131 91.1 65.1 120.9

166 117.0 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VU027611.D (-2182) (-)

Ion 129.00 (128.70 to 129.70): VU027611.D (-2182) (-)

Ion 131.00 (130.70 to 131.70): VU027611.D (-2182) (-)

Ion 166.00 (165.70 to 166.70): VU027611.D (-2182) (-)

8.23

8000

6000

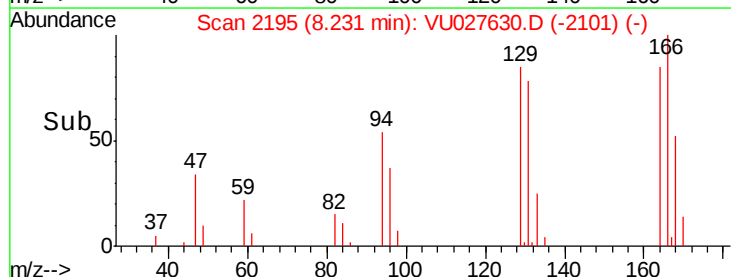
4000

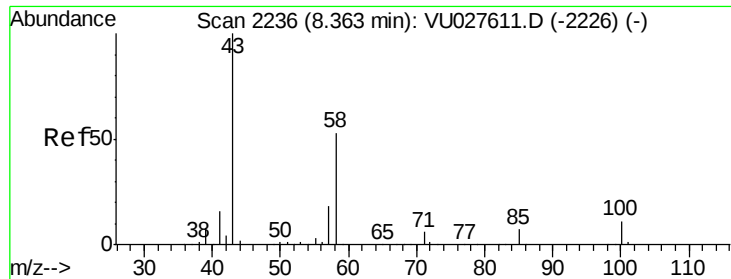
2000

0

8.20 8.25 8.30

Time-->

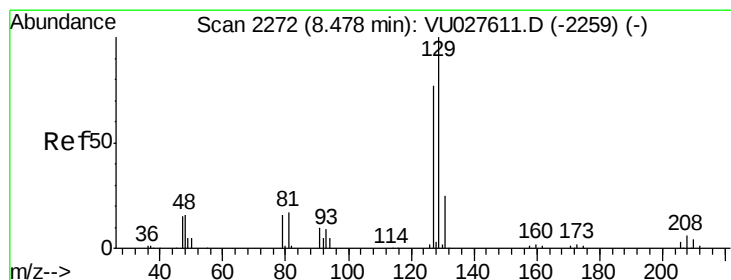
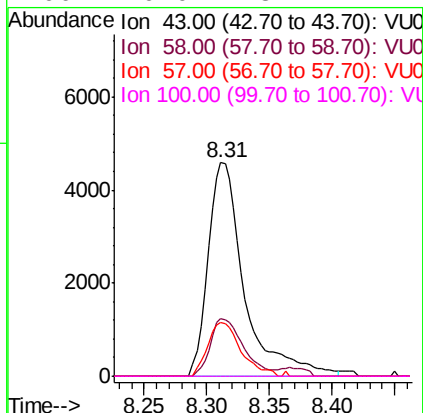
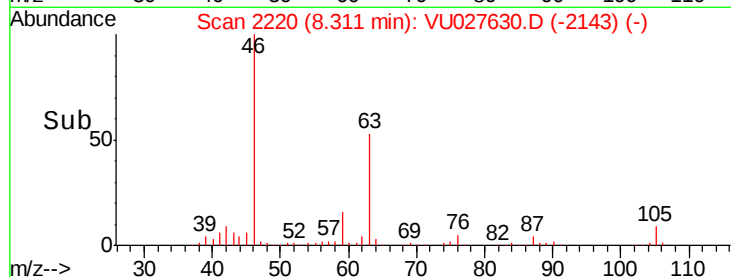
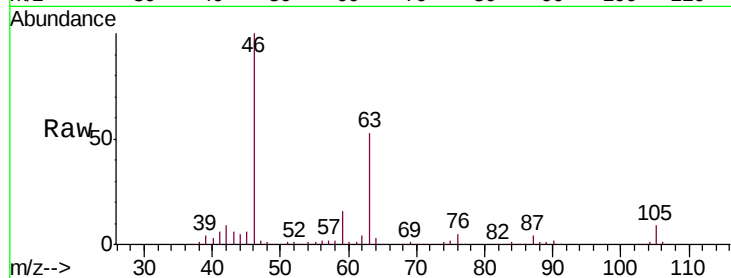




#48
2-Hexanone
Concen: 5.442 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027630.D
Acq: 12 Oct 2018 17:45

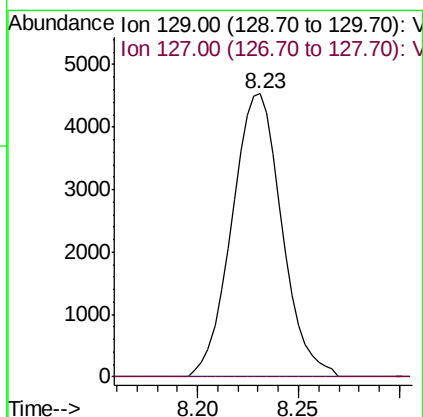
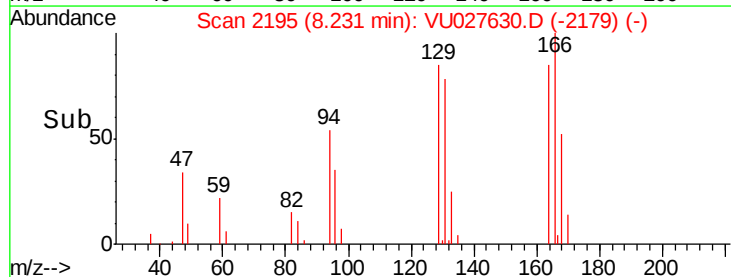
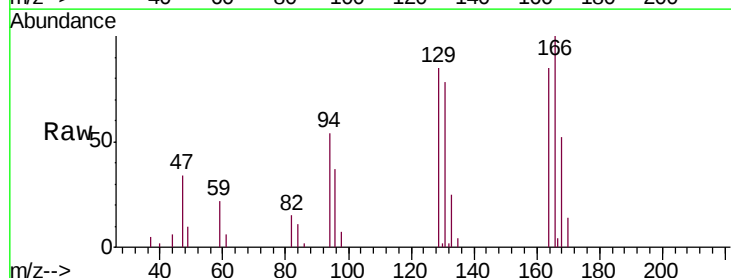
Instrument :
MSVOA_U
ClientSampleId :
C0902

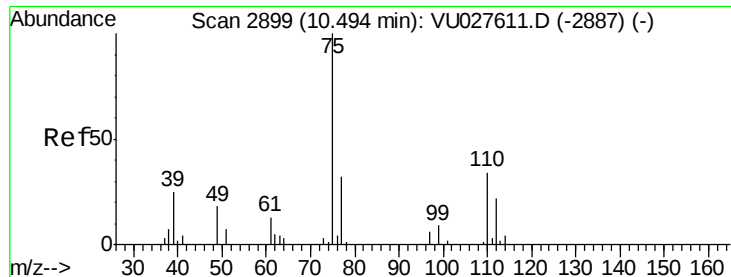
Tgt Ion: 43 Resp: 9204
Ion Ratio Lower Upper
43 100
58 24.2 42.7 64.1#
57 23.1 14.5 21.7#
100 0.0 8.2 12.2#



#49
Dibromochloromethane
Concen: 6.421 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU027630.D
Acq: 12 Oct 2018 17:45

Tgt Ion: 129 Resp: 7862
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#





#59

1,2,3-Trichloropropane

Concen: 4.952 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027630.D

Acq: 12 Oct 2018 17:45

Instrument :

MSVOA_U

ClientSampleId :

C0902

Tgt Ion: 75 Resp: 8200

Ion Ratio Lower Upper

75 100

77 35.4 25.7 38.5

