

Data File : VU027860.D
Acq On : 29 Oct 2018 16:50
Operator : MD/SY
Sample : J5716-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBW1

Quant Time: Oct 30 02:32:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	102956	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	94498	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31222	38.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.96%
7) Chloroethane-d5	1.68	69	26073	42.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.56%
11) 1,1-Dichloroethene-d2	2.28	63	47678	33.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.10%
21) 2-Butanone-d5	4.18	46	64961	95.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.16%
24) Chloroform-d	4.65	84	64211	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
26) 1,2-Dichloroethane-d4	5.31	65	46879	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.34	84	126000	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
36) 1,2-Dichloropropane-d6	6.33	67	46344	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.57	98	114935	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	20526	43.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.98%
47) 2-Hexanone-d5	8.31	63	48565	98.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57873	46.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	43119	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

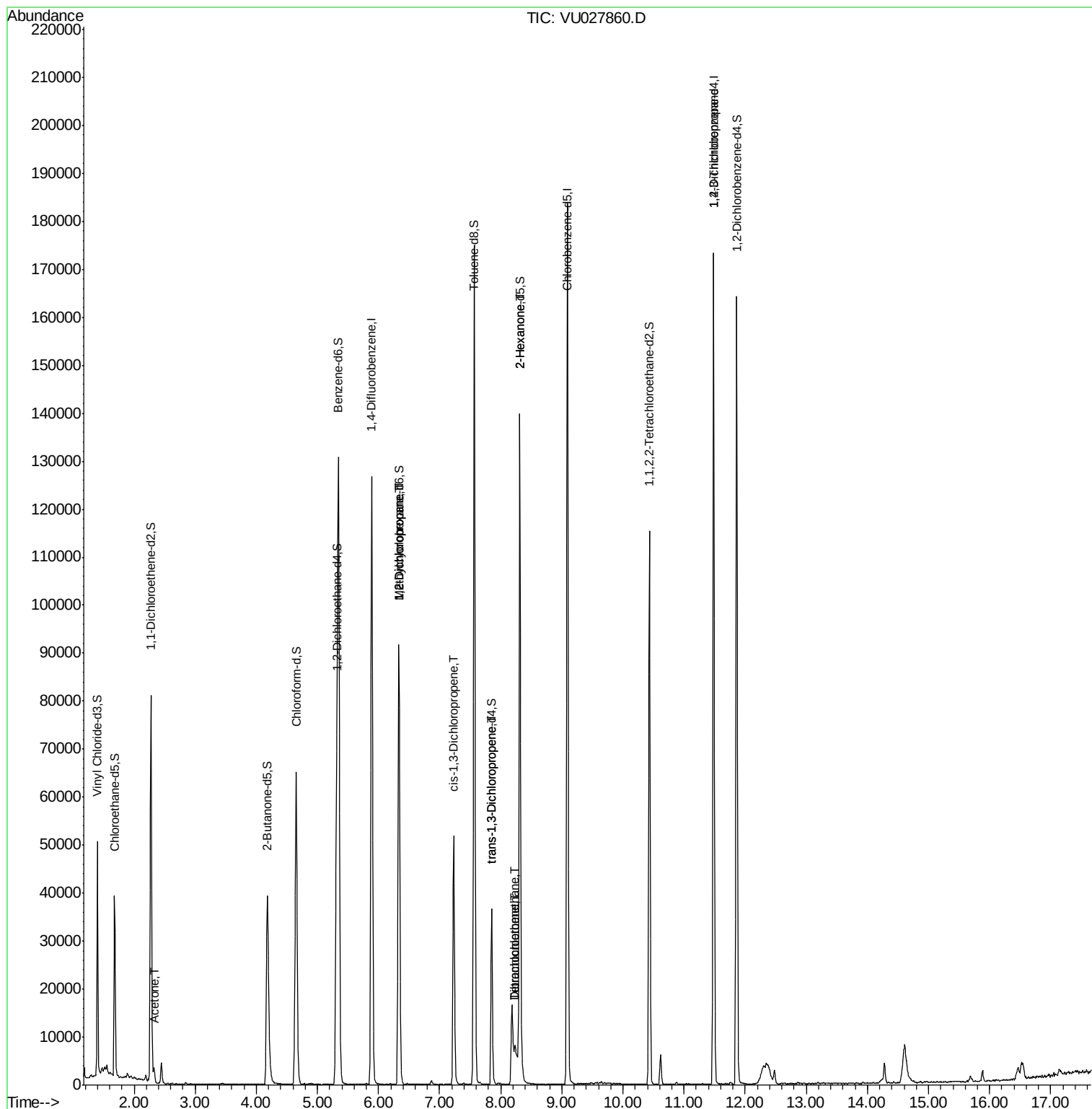
						Qvalue
13) Acetone	2.33	43	2792	5.871	ug/L	95
35) Methylcyclohexane	6.33	83	9681	7.954	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	4841	5.828	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1182	0.924	ug/L #	41
44) trans-1,3-Dichloropropene	7.85	75	854	0.706	ug/L	93
46) Tetrachloroethene	8.22	164	269	0.495	ug/L	85
48) 2-Hexanone	8.31	43	5772	5.575	ug/L #	68
49) Dibromochloromethane	8.24	129	497	0.611	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5605	5.710	ug/L	99

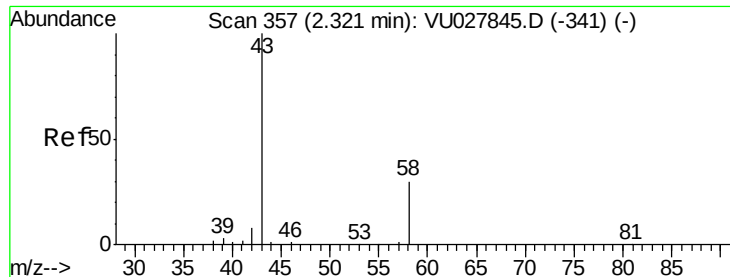
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration





#13

Acetone

Concen: 5.871 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027860.D

Acq: 29 Oct 2018 16:50

Instrument :

MSVOA_U

ClientSampleId :

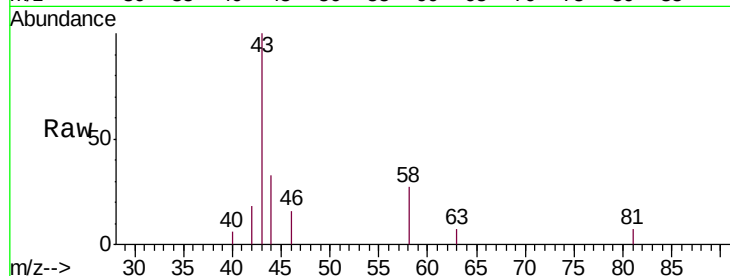
ETBW1

Tgt Ion: 43 Resp: 2792

Ion Ratio Lower Upper

43 100

58 25.8 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU027845.D (-341) (-)

Ion 58.00 (57.70 to 58.70): VU027845.D (-341) (-)

2.33

1500

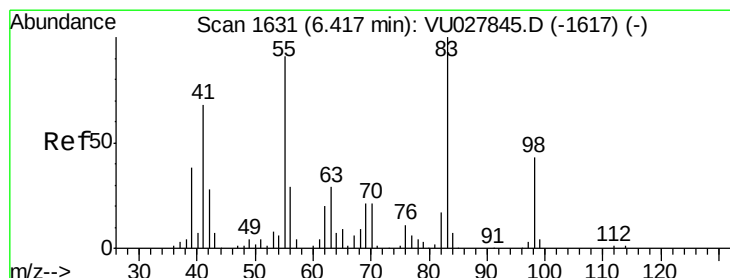
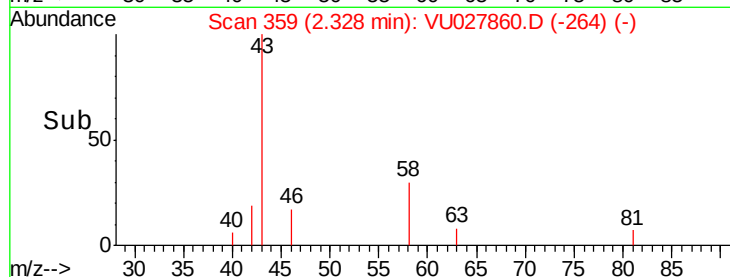
1000

500

0

2.30 2.35

Time-->



#35

Methylcyclohexane

Concen: 7.954 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027860.D

Acq: 29 Oct 2018 16:50

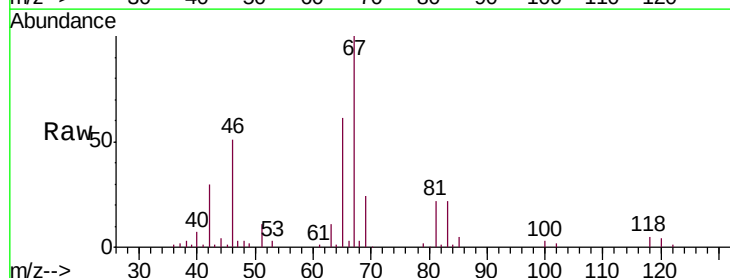
Tgt Ion: 83 Resp: 9681

Ion Ratio Lower Upper

83 100

55 0.0 71.9 107.9#

98 0.0 34.6 52.0#



Abundance Ion 83.00 (82.70 to 83.70): VU027845.D (-1617) (-)

Ion 55.00 (54.70 to 55.70): VU027845.D (-1617) (-)

Ion 98.00 (97.70 to 98.70): VU027845.D (-1617) (-)

6.33

6000

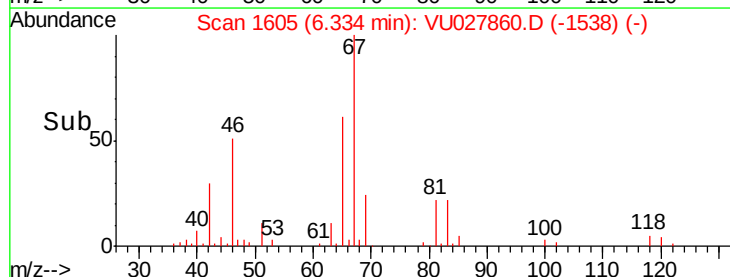
4000

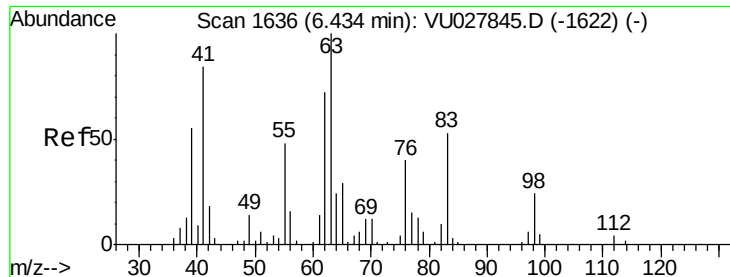
2000

0

6.30 6.35 6.40

Time-->

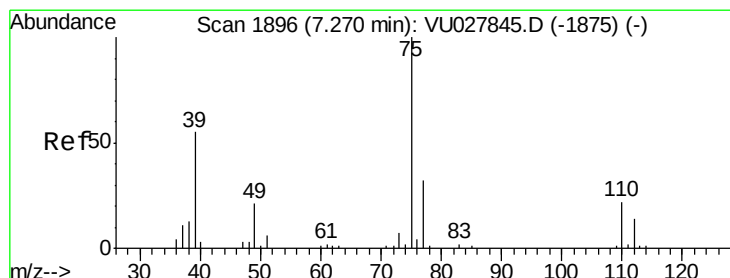
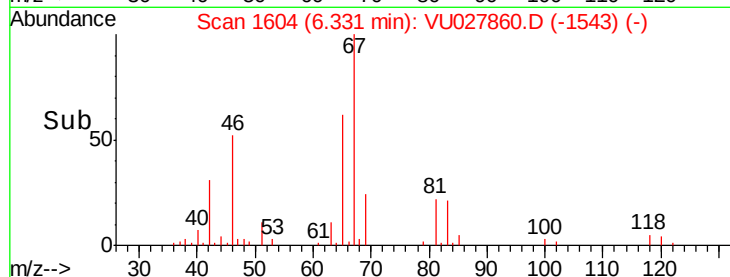
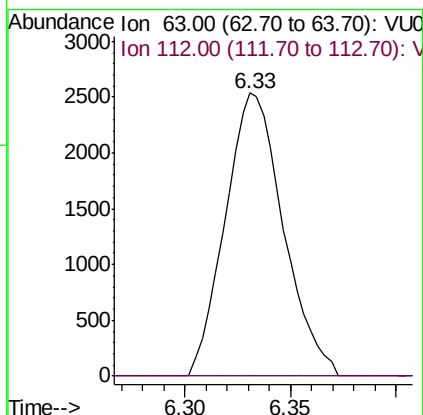
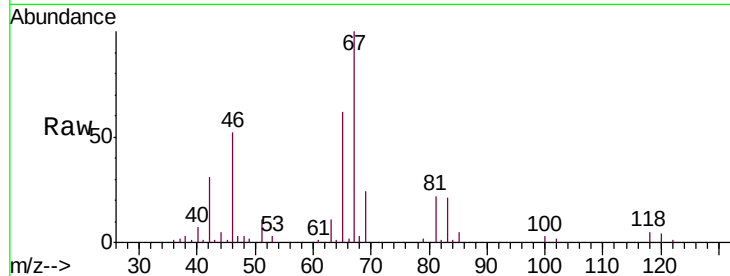




#37
 1,2-Dichloropropane
 Concen: 5.828 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027860.D
 Acq: 29 Oct 2018 16:50

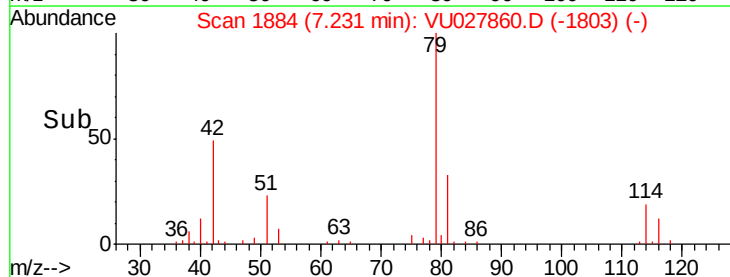
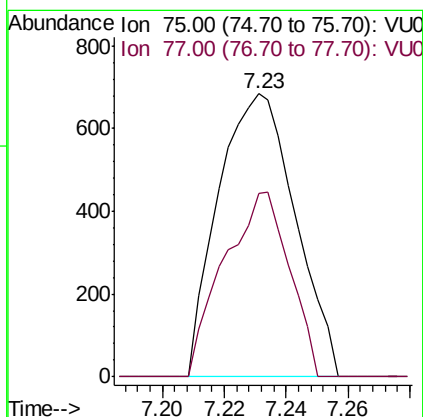
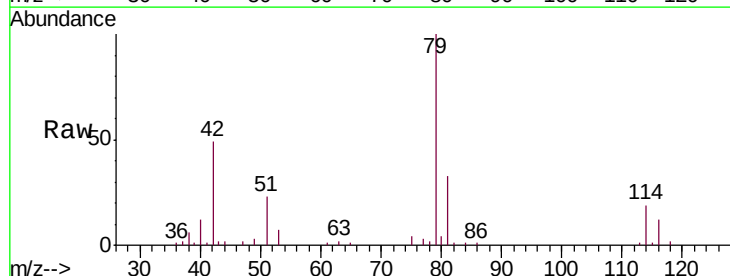
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBW1

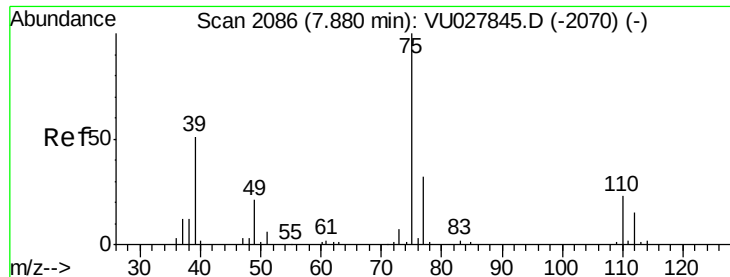
Tgt Ion: 63 Resp: 4841
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.924 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027860.D
 Acq: 29 Oct 2018 16:50

Tgt Ion: 75 Resp: 1182
 Ion Ratio Lower Upper
 75 100
 77 64.9 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.706 ug/L

RT: 7.85 min Scan# 2078

Delta R.T. -0.03 min

Lab File: VU027860.D

Acq: 29 Oct 2018 16:50

Instrument :

MSVOA_U

ClientSampleId :

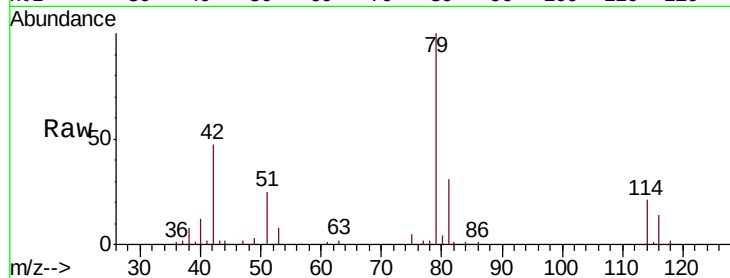
ETBW1

Tgt Ion: 75 Resp: 854

Ion Ratio Lower Upper

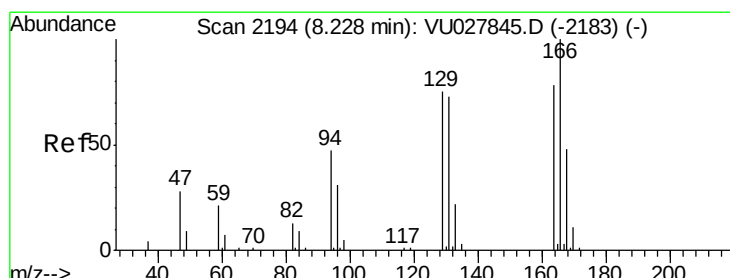
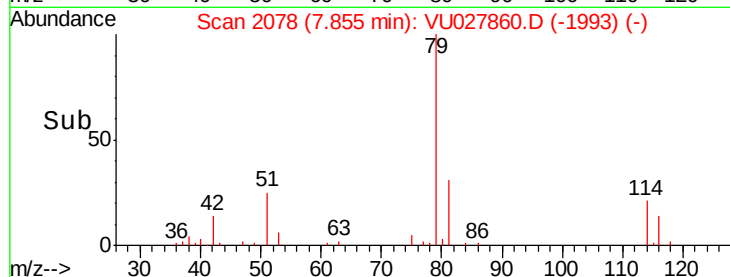
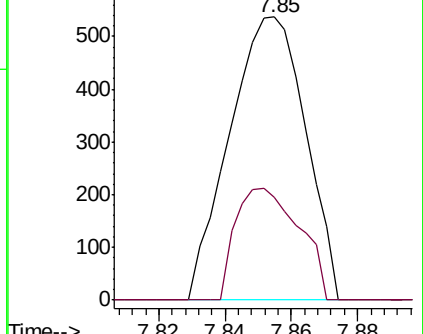
75 100

77 36.5 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#46

Tetrachloroethene

Concen: 0.495 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU027860.D

Acq: 29 Oct 2018 16:50

Tgt Ion: 164 Resp: 269

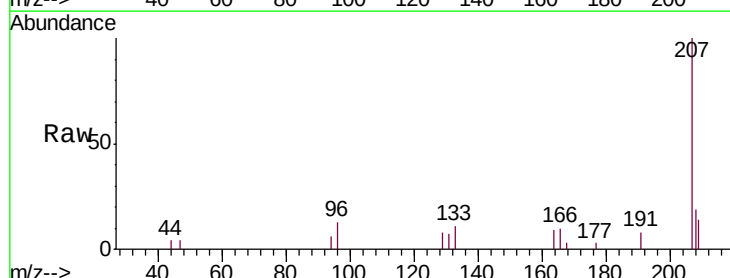
Ion Ratio Lower Upper

164 100

129 90.6 68.5 127.3

131 78.4 67.1 124.5

166 110.7 92.2 171.2

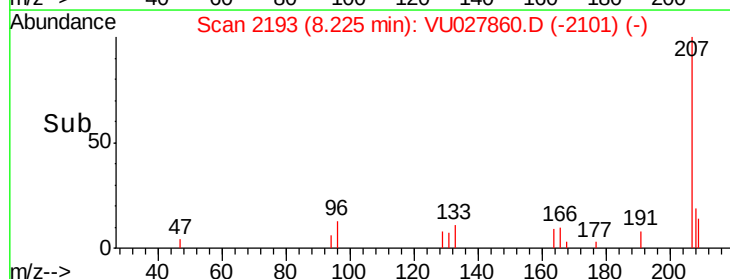
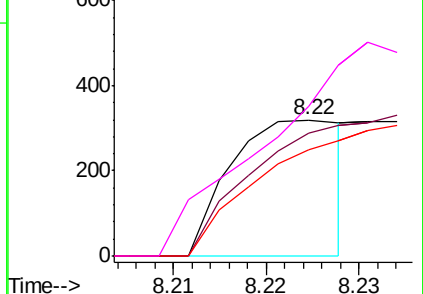


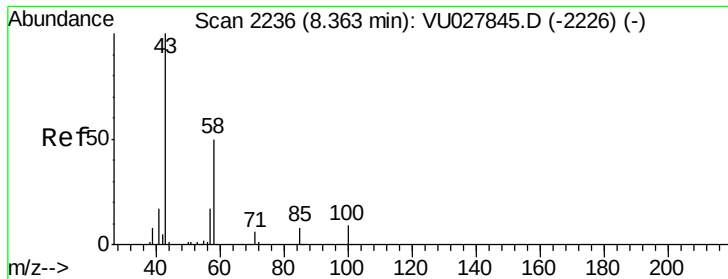
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

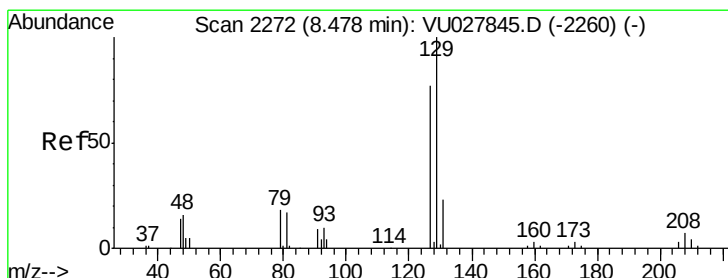
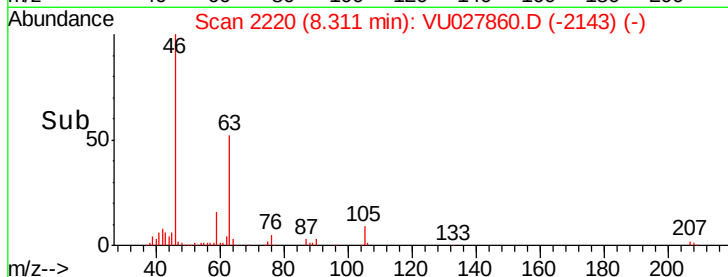
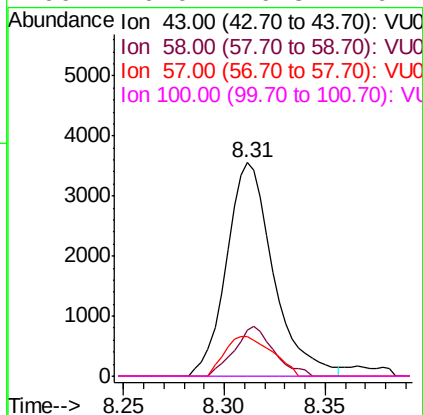
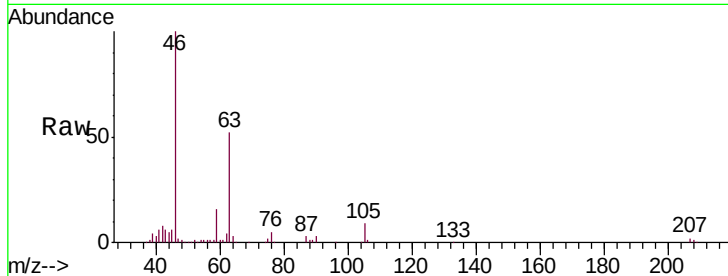




#48
2-Hexanone
Concen: 5.575 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027860.D
Acq: 29 Oct 2018 16:50

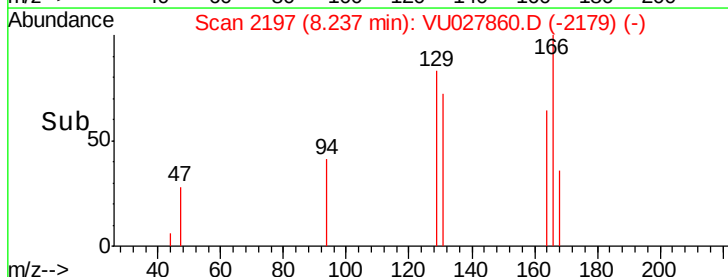
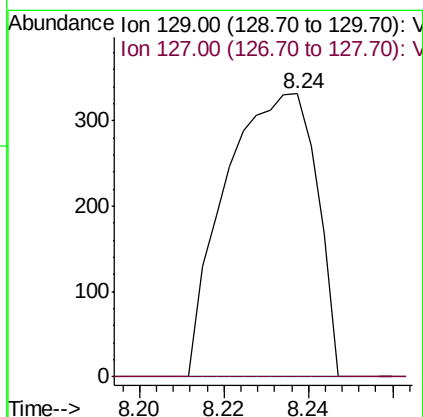
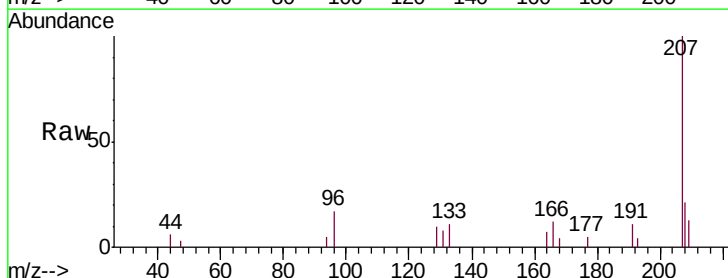
Instrument :
MSVOA_U
ClientSampled :
ETBW1

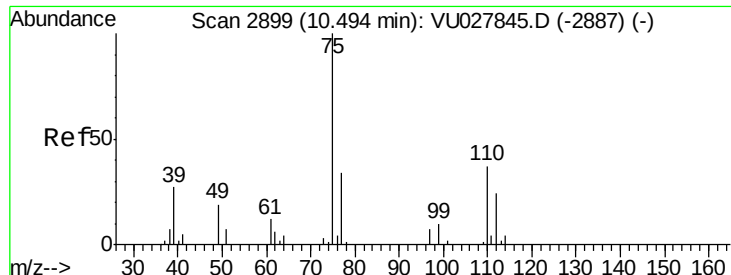
Tgt Ion: 43 Resp: 5772
Ion Ratio Lower Upper
43 100
58 19.4 38.8 58.2#
57 18.9 13.1 19.7
100 0.0 6.8 10.2#



#49
Dibromochloromethane
Concen: 0.611 ug/L
RT: 8.24 min Scan# 2197
Delta R.T. -0.24 min
Lab File: VU027860.D
Acq: 29 Oct 2018 16:50

Tgt Ion: 129 Resp: 497
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#59

1,2,3-Trichloropropane

Concen: 5.710 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU027860.D

Acq: 29 Oct 2018 16:50

Instrument :

MSVOA_U

ClientSampleId :

ETBW1

Tgt Ion: 75 Resp: 5605

Ion Ratio Lower Upper

75 100

77 33.8 26.5 39.7

