

Data File : VU027646.D
Acq On : 13 Oct 2018 00:18
Operator : MD/SY
Sample : J5405-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Y6

Quant Time: Oct 13 04:11:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	172832	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	161593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63343	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50508	37.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.26%
7) Chloroethane-d5	1.68	69	41658	39.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.52%
11) 1,1-Dichloroethene-d2	2.27	63	70548	27.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.30%#
21) 2-Butanone-d5	4.18	46	94861	86.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.39%
24) Chloroform-d	4.65	84	93255	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
26) 1,2-Dichloroethane-d4	5.31	65	67037	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.94%
32) Benzene-d6	5.34	84	187169	40.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.82%
36) 1,2-Dichloropropane-d6	6.33	67	68372	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.20%
41) Toluene-d8	7.57	98	150413	36.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.68%#
43) trans-1,3-Dichloropropene-	7.85	79	26253	34.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.68%
47) 2-Hexanone-d5	8.31	63	63337	79.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.05%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87627	42.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	53560	43.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.44%

Target Compounds

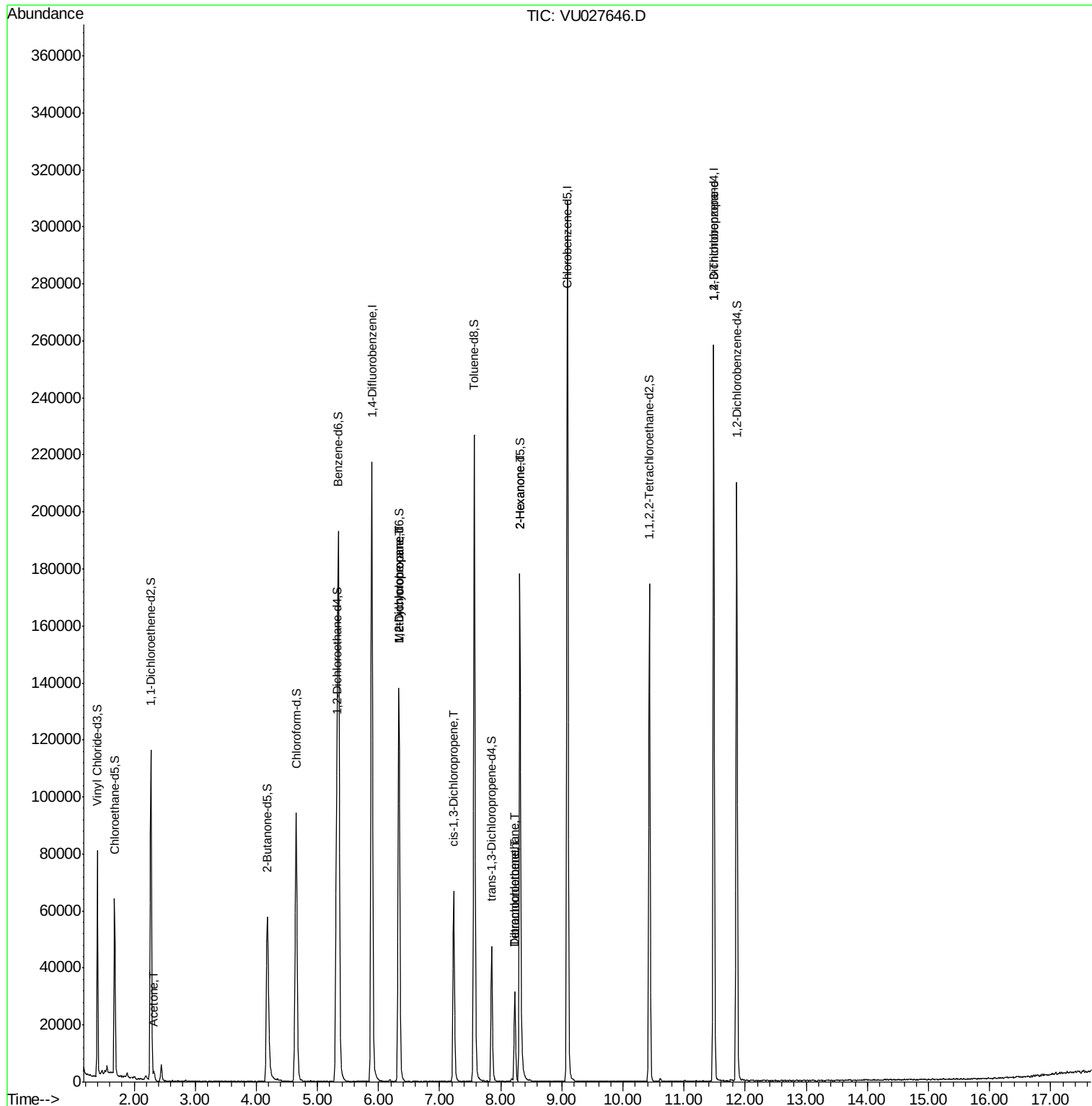
						Qvalue
13) Acetone	2.32	43	2708	3.007	ug/L	91
35) Methylcyclohexane	6.33	83	14569	6.566	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7254	4.715	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1368	0.605	ug/L #	49
46) Tetrachloroethene	8.23	164	7021	7.398	ug/L	99
48) 2-Hexanone	8.31	43	7727	4.344	ug/L #	70
49) Dibromochloromethane	8.23	129	6844	5.315	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8352	4.795	ug/L	92

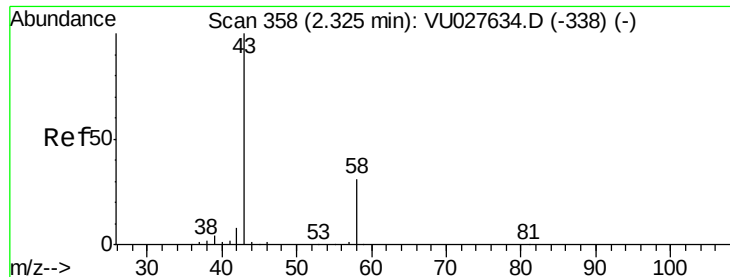
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.007 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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Acq: 13 Oct 2018 00:18

Instrument :

MSVOA_U

ClientSampleId :

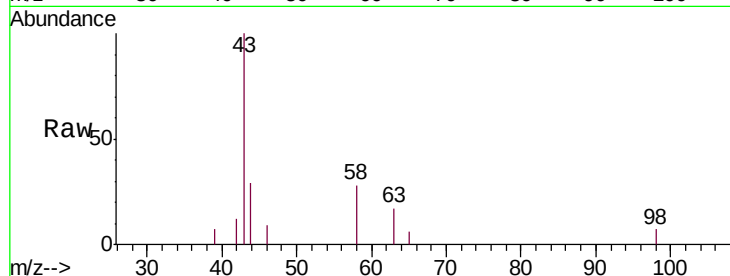
C08Y6

Tgt Ion: 43 Resp: 2708

Ion Ratio Lower Upper

43 100

58 25.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

1500

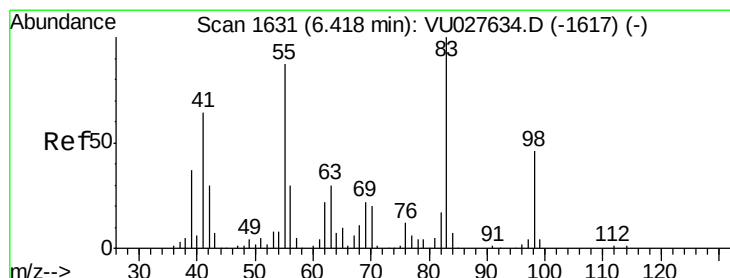
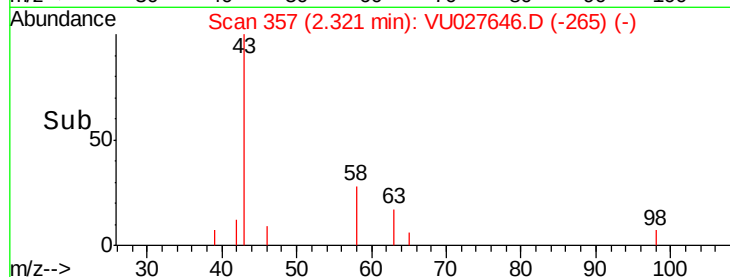
1000

500

0

Time-->

2.30 2.35



#35

Methylcyclohexane

Concen: 6.566 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU027646.D

Acq: 13 Oct 2018 00:18

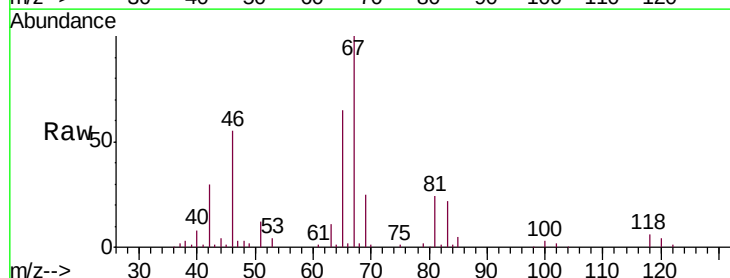
Tgt Ion: 83 Resp: 14569

Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

98 0.5 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

6.33

10000

8000

6000

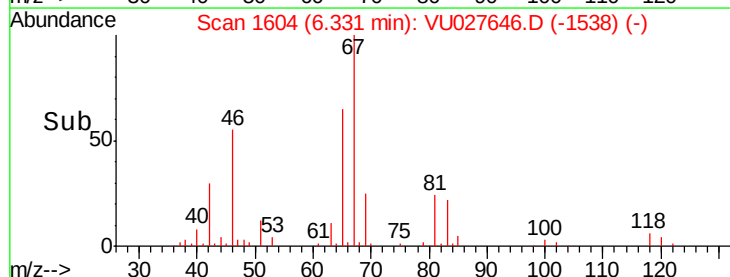
4000

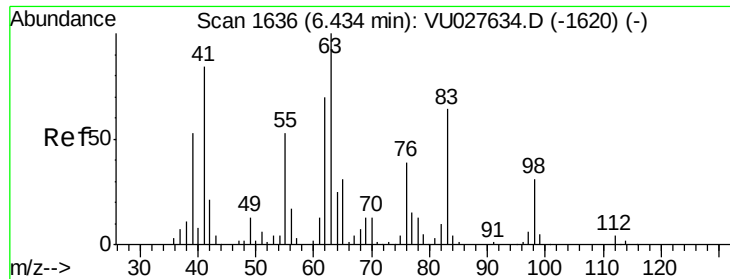
2000

0

Time-->

6.25 6.30 6.35 6.40

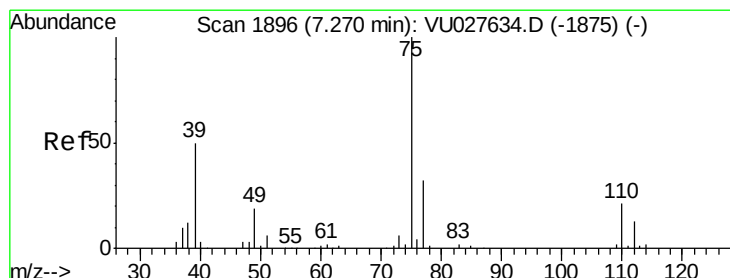
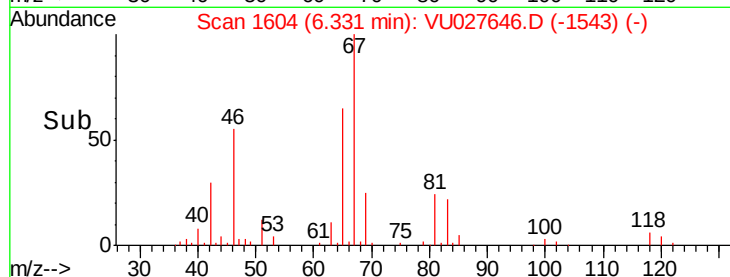
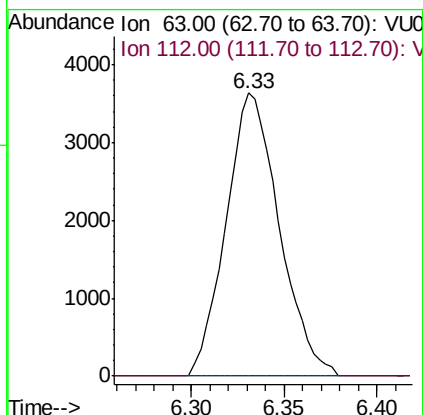
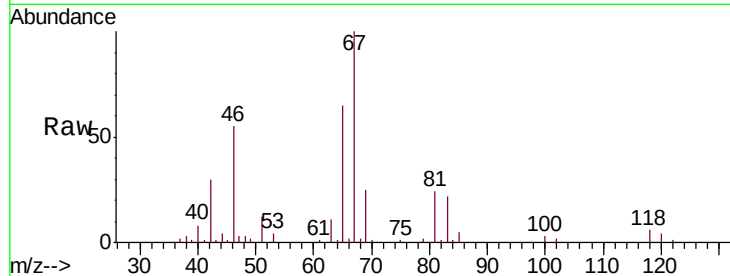




#37
 1,2-Dichloropropane
 Concen: 4.715 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027646.D
 Acq: 13 Oct 2018 00:18

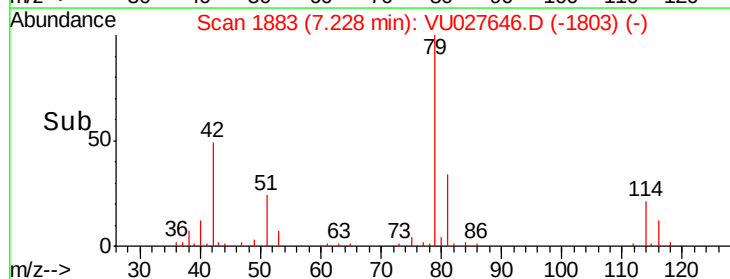
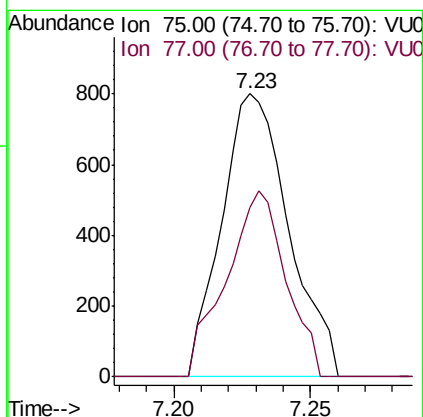
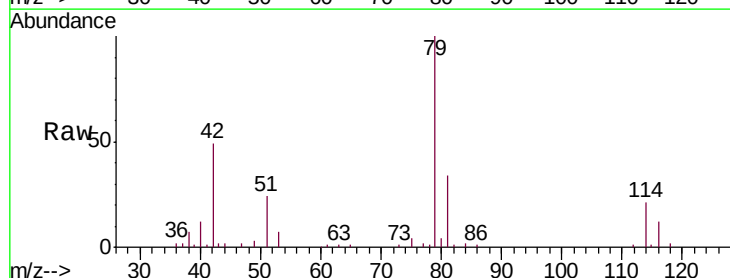
Instrument :
 MSVOA_U
 ClientSampleId :
 C08Y6

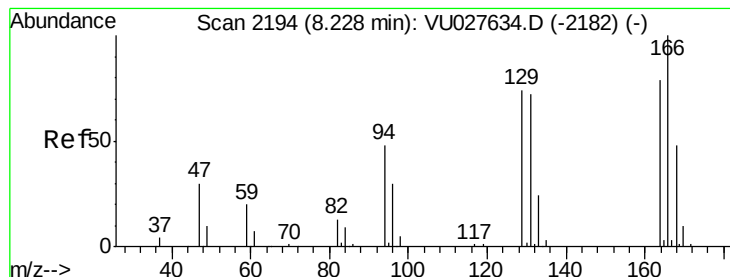
Tgt Ion: 63 Resp: 7254
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.605 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027646.D
 Acq: 13 Oct 2018 00:18

Tgt Ion: 75 Resp: 1368
 Ion Ratio Lower Upper
 75 100
 77 59.9 22.1 41.1#





#46

Tetrachloroethene

Concen: 7.398 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027646.D

Acq: 13 Oct 2018 00:18

Instrument :

MSVOA_U

ClientSampleId :

C08Y6

Tgt Ion:164 Resp: 7021

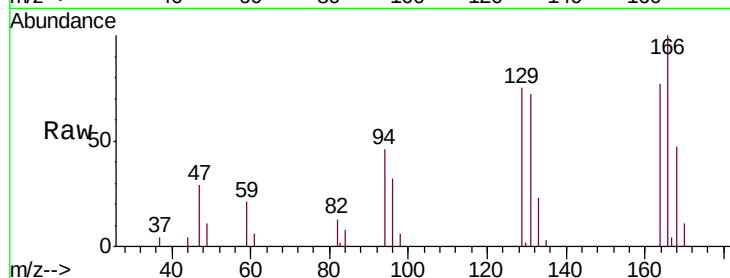
Ion Ratio Lower Upper

164 100

129 97.7 67.0 124.4

131 93.6 65.1 120.9

166 129.6 90.4 167.8

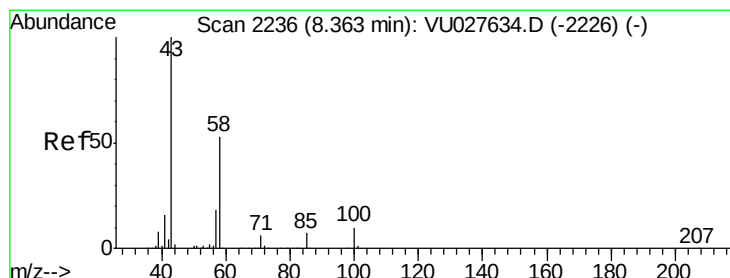
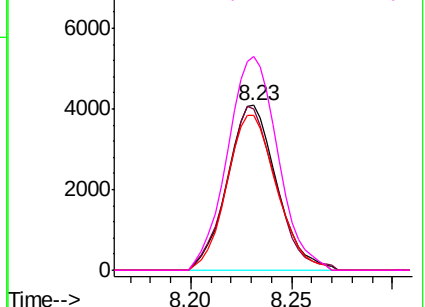
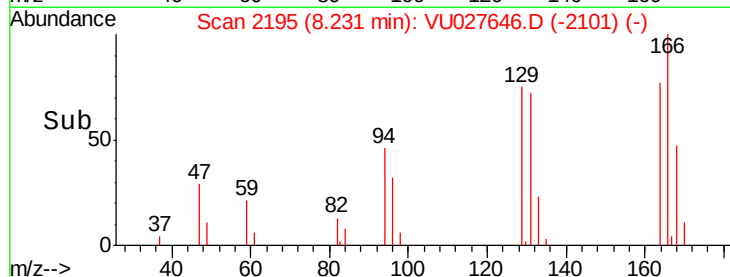


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.344 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU027646.D

Acq: 13 Oct 2018 00:18

Tgt Ion: 43 Resp: 7727

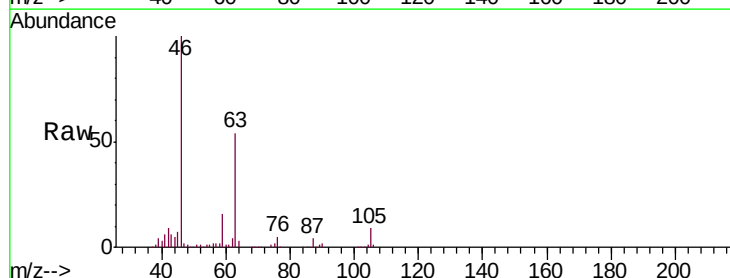
Ion Ratio Lower Upper

43 100

58 30.4 42.7 64.1#

57 28.5 14.5 21.7#

100 0.0 8.2 12.2#

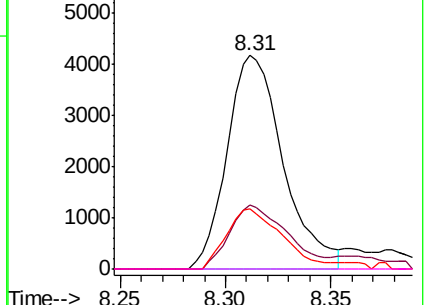
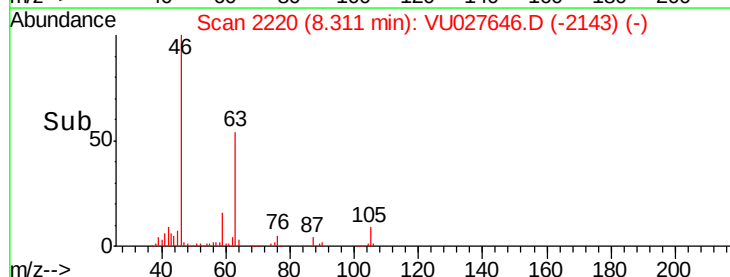


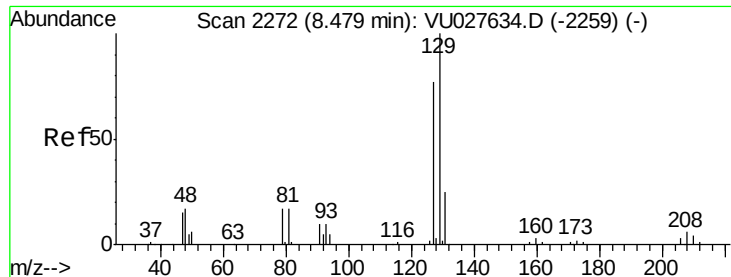
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 5.315 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027646.D

Acq: 13 Oct 2018 00:18

Instrument :

MSVOA_U

ClientSampleId :

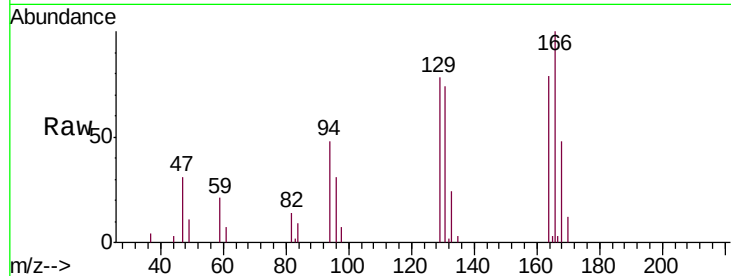
C08Y6

Tgt Ion:129 Resp: 6844

Ion Ratio Lower Upper

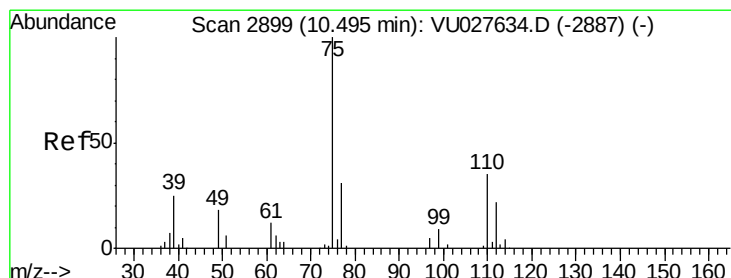
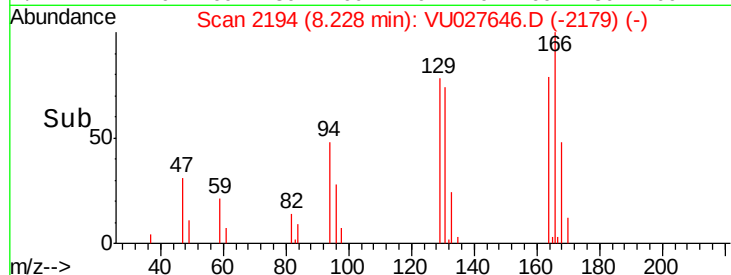
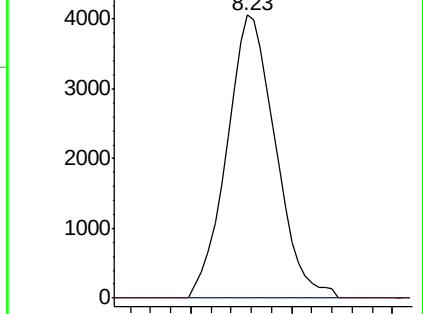
129 100

127 0.0 52.7 97.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.795 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027646.D

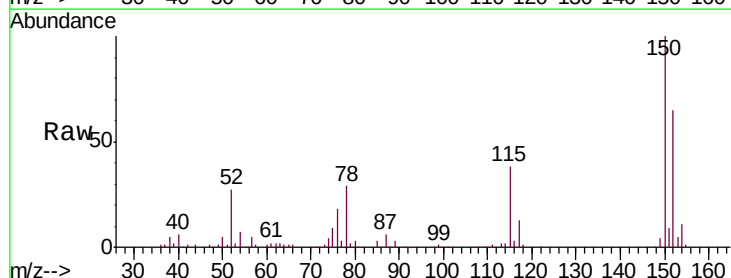
Acq: 13 Oct 2018 00:18

Tgt Ion: 75 Resp: 8352

Ion Ratio Lower Upper

75 100

77 36.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

