

Data File : VU027649.D
Acq On : 13 Oct 2018 01:27
Operator : MD/SY
Sample : J5405-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Y9

Quant Time: Oct 13 04:12:19 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	161255	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61923	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51482	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.14%
7) Chloroethane-d5	1.68	69	44034	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.08%
11) 1,1-Dichloroethene-d2	2.27	63	73385	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.66%
21) 2-Butanone-d5	4.18	46	100662	98.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.26%
24) Chloroform-d	4.65	84	92803	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	5.31	65	67685	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
32) Benzene-d6	5.34	84	184353	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.04%
36) 1,2-Dichloropropane-d6	6.33	67	67757	44.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.04%
41) Toluene-d8	7.57	98	148572	36.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.96%#
43) trans-1,3-Dichloropropene-	7.85	79	27612	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.44%
47) 2-Hexanone-d5	8.31	63	65199	83.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91391	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	53607	44.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.50%

Target Compounds

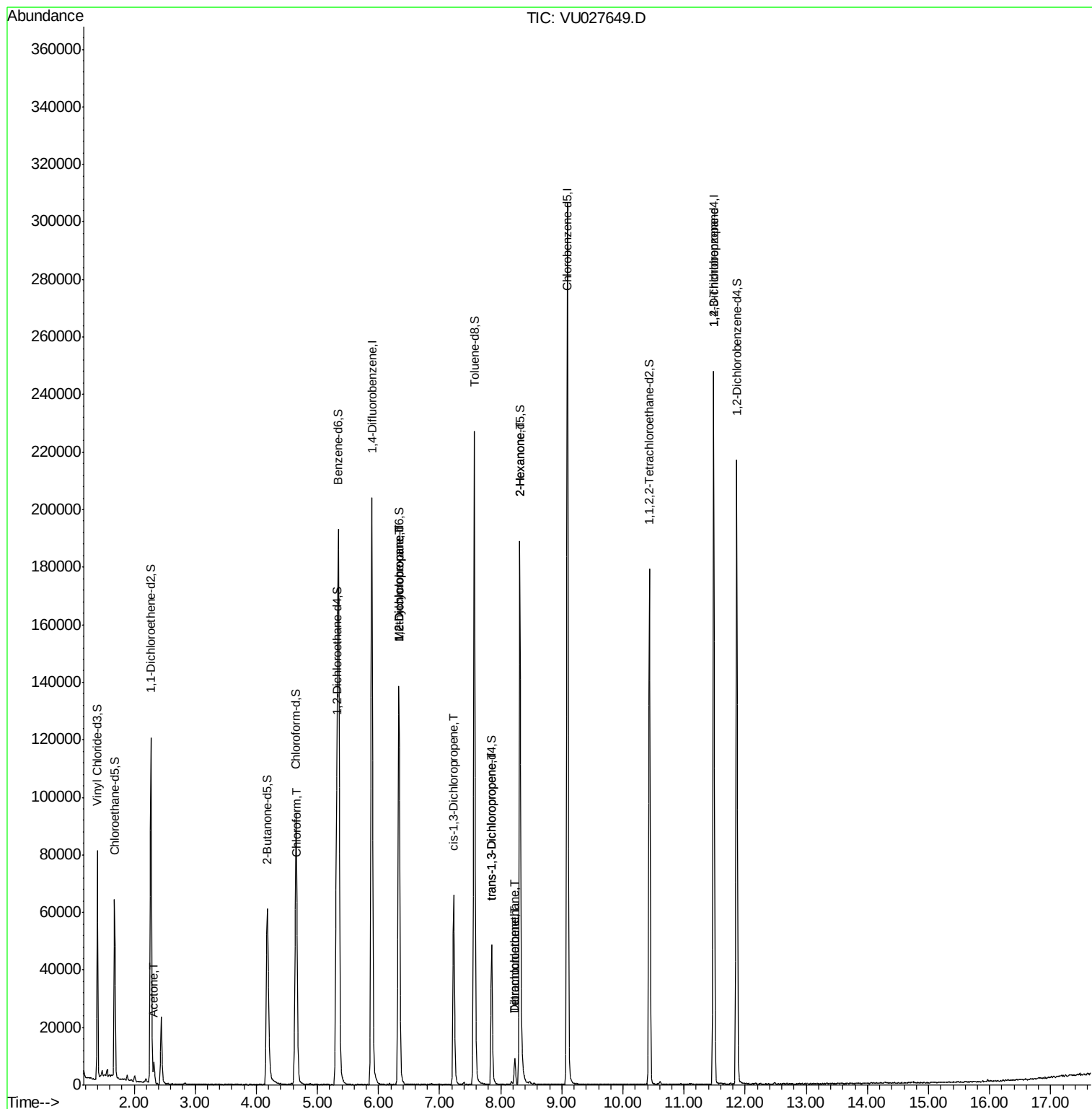
						Qvalue
13) Acetone	2.32	43	7146	8.504	ug/L	93
25) Chloroform	4.68	83	2617	1.137	ug/L	98
35) Methylcyclohexane	6.33	83	15116	7.020	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7270	4.869	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1572	0.717	ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	1219	0.599	ug/L	83
46) Tetrachloroethene	8.23	164	2090	2.269	ug/L	97
48) 2-Hexanone	8.31	43	8240	4.773	ug/L #	68
49) Dibromochloromethane	8.23	129	1954	1.564	ug/L #	12
59) 1,2,3-Trichloropropane	11.49	75	8011	4.739	ug/L	89

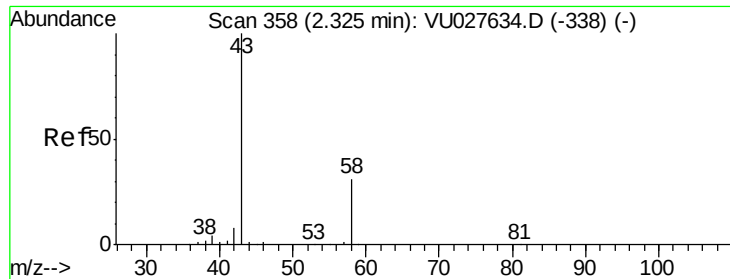
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.504 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027649.D

Acq: 13 Oct 2018 01:27

Instrument :

MSVOA_U

ClientSampleId :

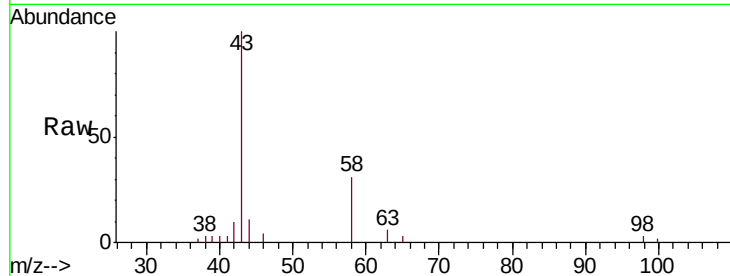
C08Y9

Tgt Ion: 43 Resp: 7146

Ion Ratio Lower Upper

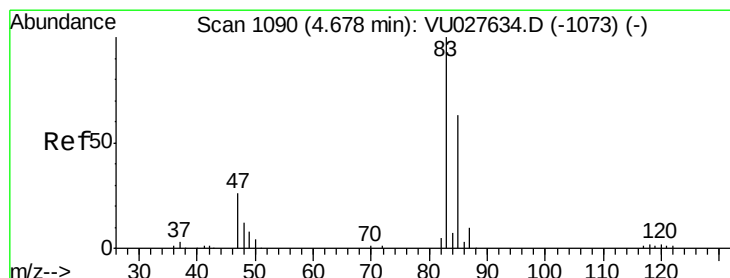
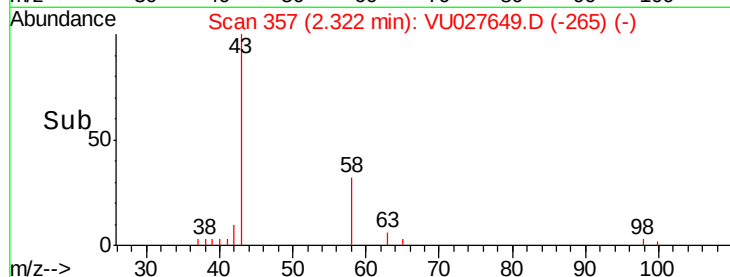
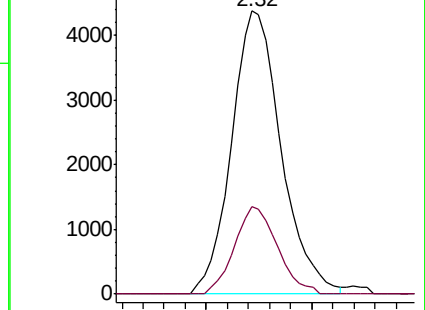
43 100

58 26.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027634.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU027634.D (-338) (-)



#25

Chloroform

Concen: 1.137 ug/L

RT: 4.68 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU027649.D

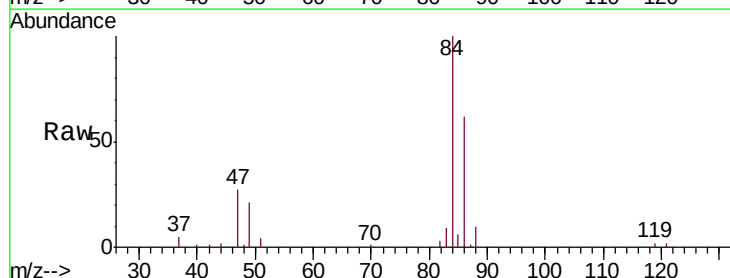
Acq: 13 Oct 2018 01:27

Tgt Ion: 83 Resp: 2617

Ion Ratio Lower Upper

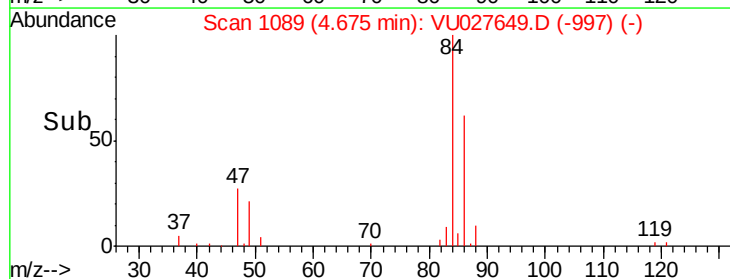
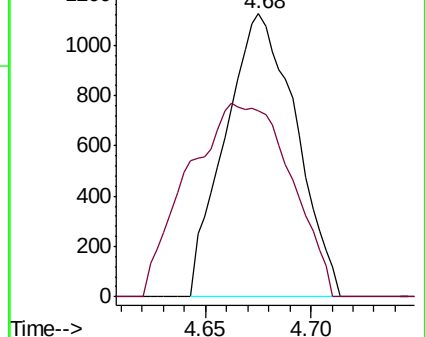
83 100

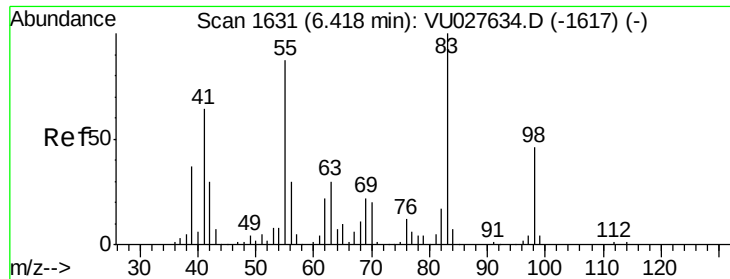
85 65.7 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VU027634.D (-1073) (-)

Ion 85.00 (84.70 to 85.70): VU027634.D (-1073) (-)

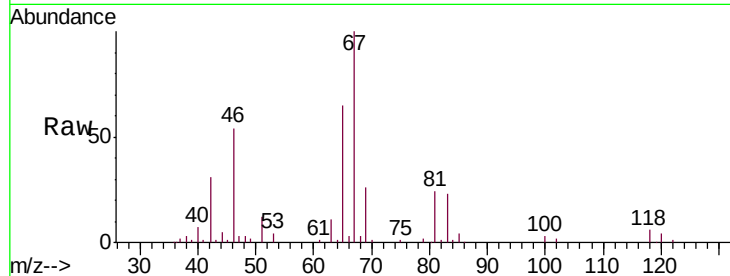




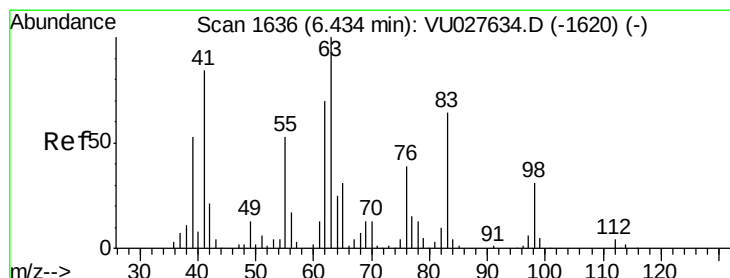
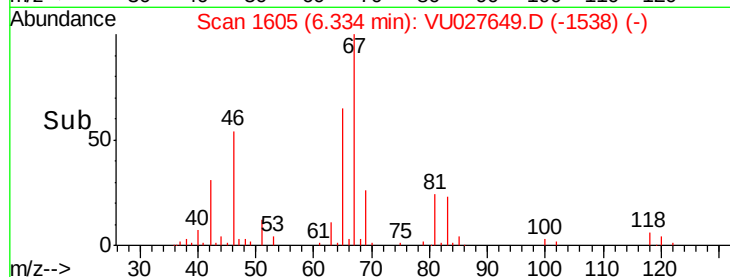
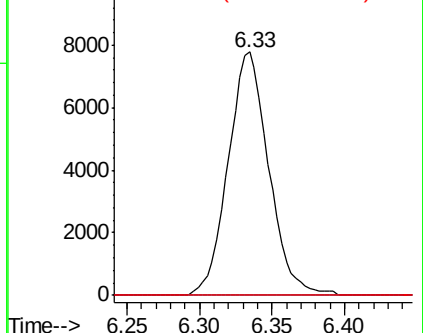
#35
Methylcyclohexane
Concen: 7.020 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027649.D
Acq: 13 Oct 2018 01:27

Instrument :
MSVOA_U
ClientSampleId :
C08Y9

Tgt Ion: 83 Resp: 15116
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 0.3 37.1 55.7#

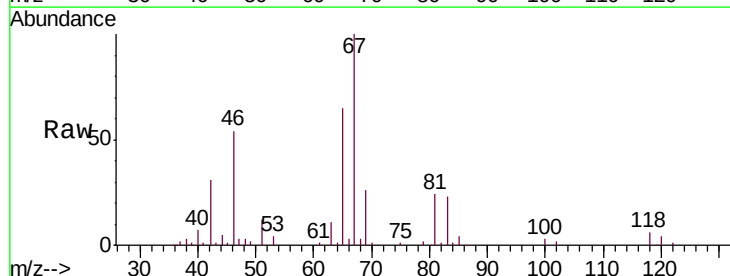


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

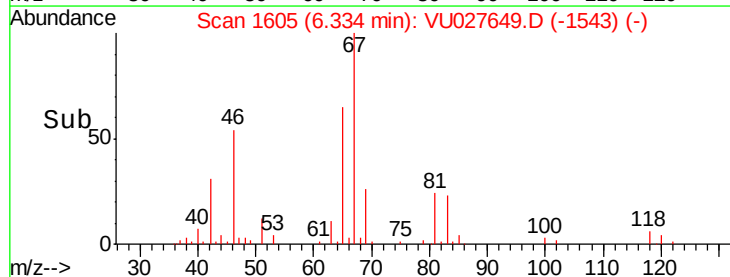
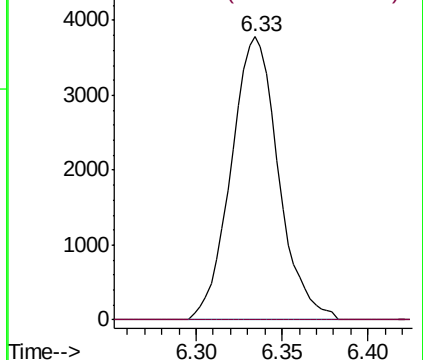


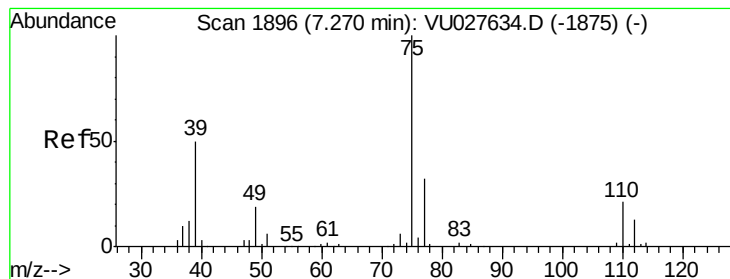
#37
1,2-Dichloropropane
Concen: 4.869 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027649.D
Acq: 13 Oct 2018 01:27

Tgt Ion: 63 Resp: 7270
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



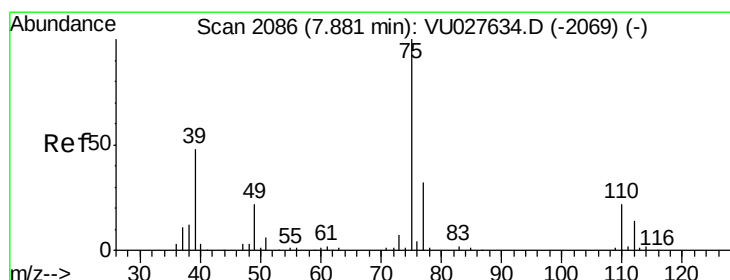
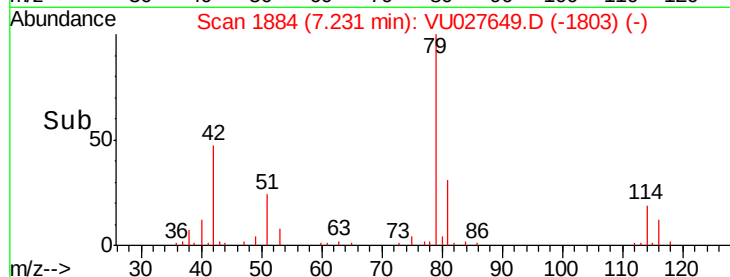
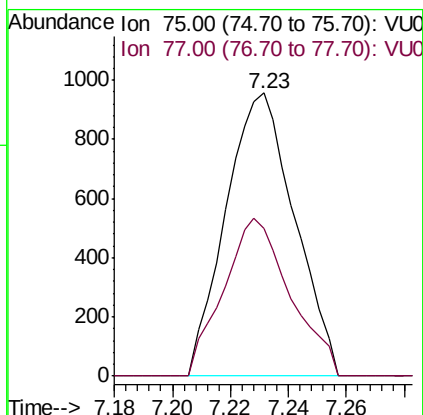
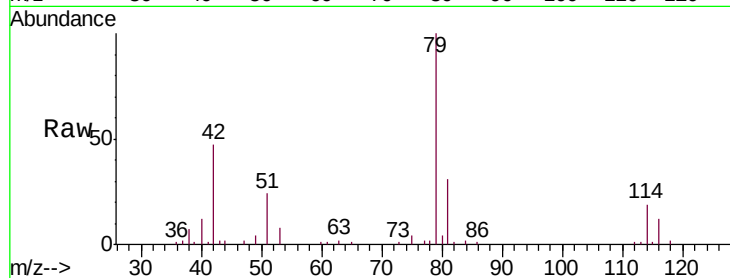


#39

cis-1,3-Dichloropropene
Concen: 0.717 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027649.D
Acq: 13 Oct 2018 01:27

Instrument :
MSVOA_U
ClientSampled :
C08Y9

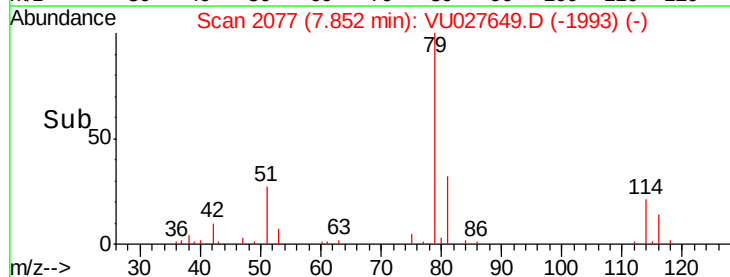
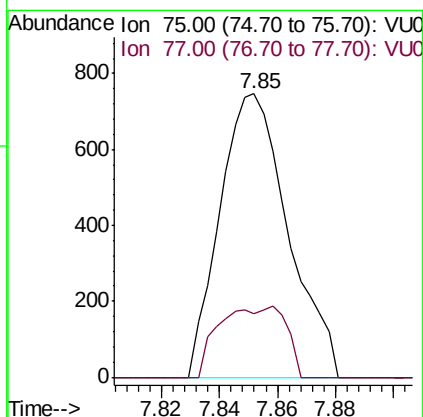
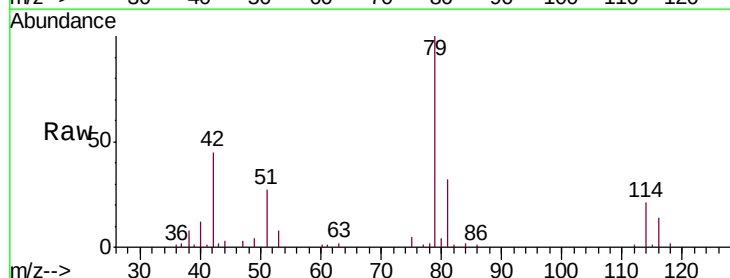
Tgt Ion: 75 Resp: 1572
Ion Ratio Lower Upper
75 100
77 52.4 22.1 41.1#

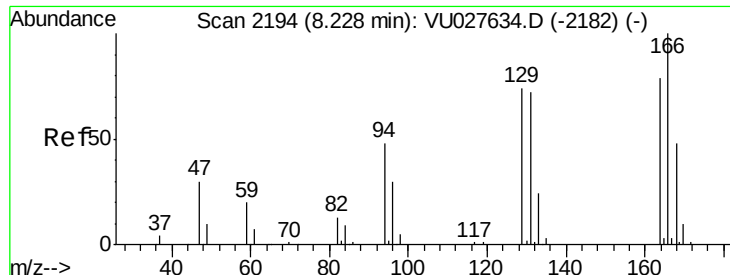


#44

trans-1,3-Dichloropropene
Concen: 0.599 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027649.D
Acq: 13 Oct 2018 01:27

Tgt Ion: 75 Resp: 1219
Ion Ratio Lower Upper
75 100
77 22.5 22.2 41.2





#46

Tetrachloroethene

Concen: 2.269 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027649.D

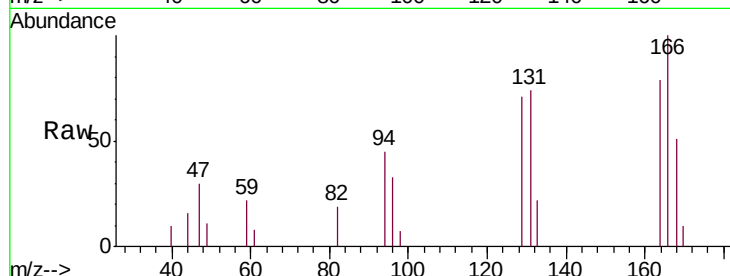
Acq: 13 Oct 2018 01:27

Instrument :

MSVOA_U

ClientSampleId :

C08Y9



Tgt Ion:164 Resp: 2090

Ion Ratio Lower Upper

164 100

129 90.0 67.0 124.4

131 94.1 65.1 120.9

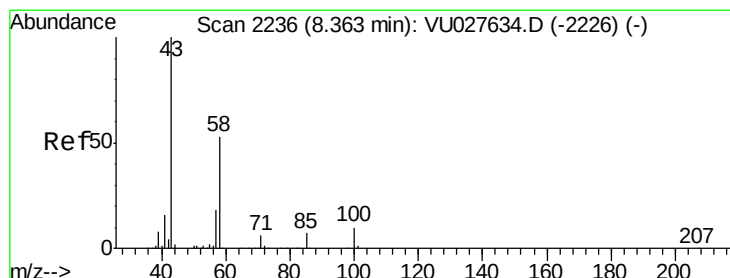
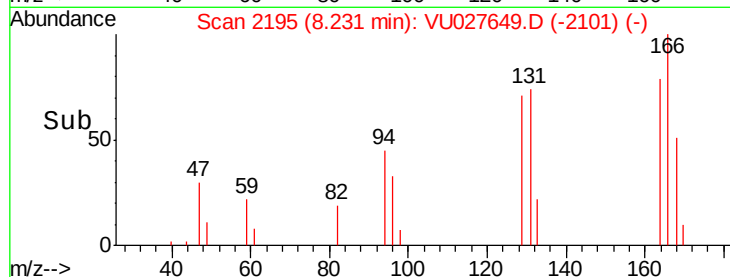
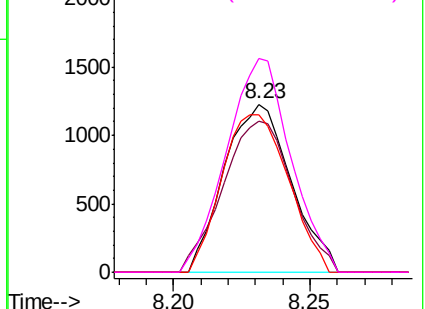
166 127.2 90.4 167.8

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: 4.773 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU027649.D

Acq: 13 Oct 2018 01:27

Tgt Ion: 43 Resp: 8240

Ion Ratio Lower Upper

43 100

58 28.4 42.7 64.1#

57 28.6 14.5 21.7#

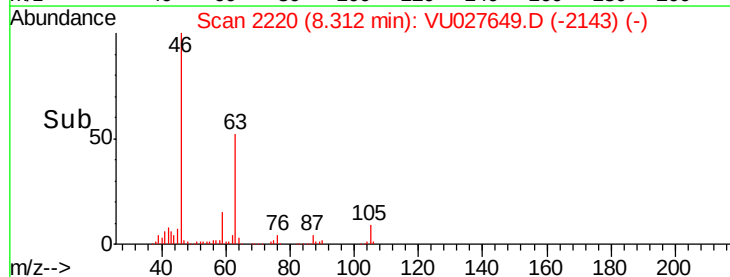
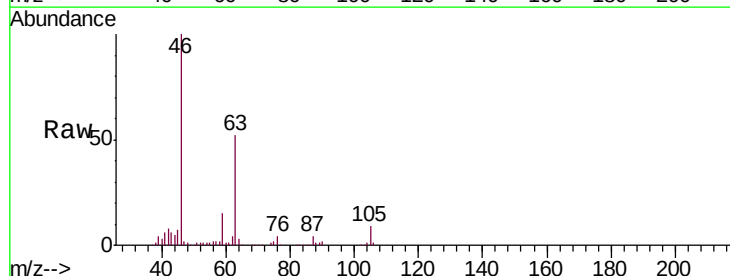
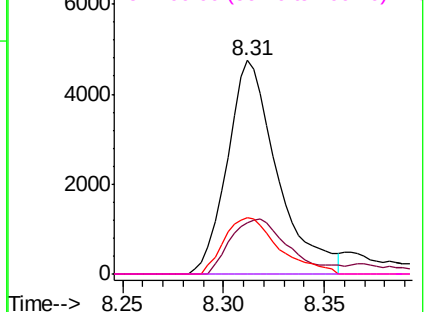
100 0.0 8.2 12.2#

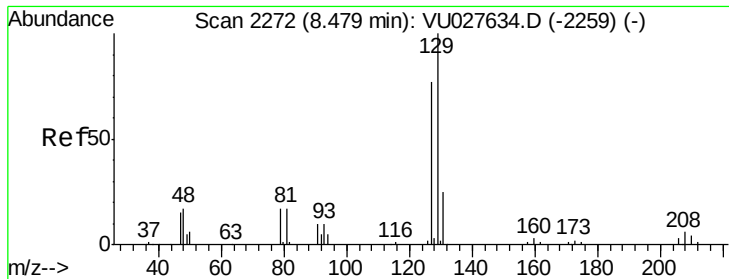
Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 1.564 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. -0.25 min

Lab File: VU027649.D

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MSVOA_U

ClientSampleId :

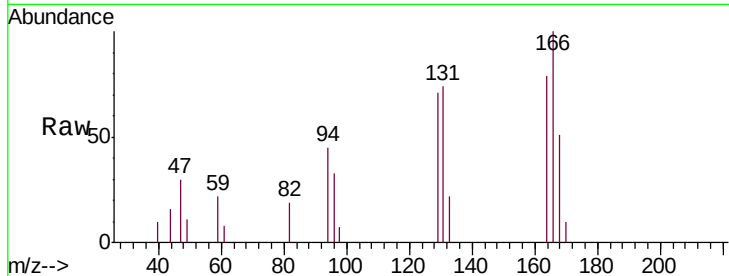
C08Y9

Tgt Ion:129 Resp: 1954

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

8.23

1200

1000

800

600

400

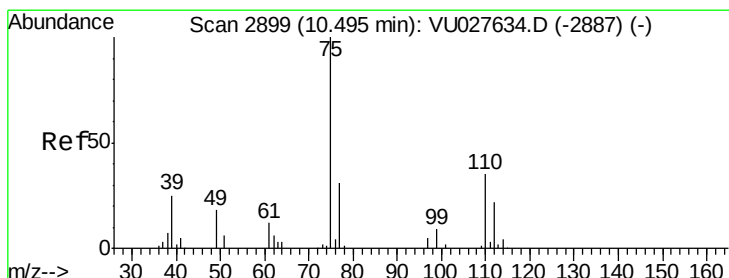
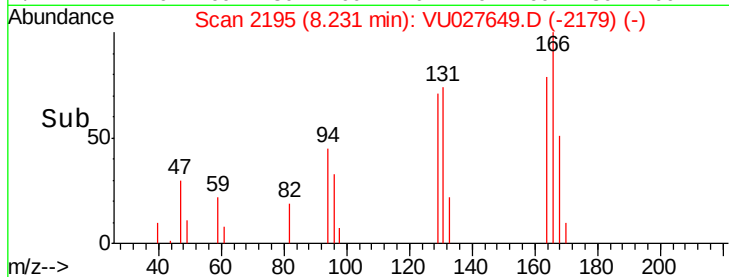
200

0

8.20

8.25

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.739 ug/L

RT: 11.49 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027649.D

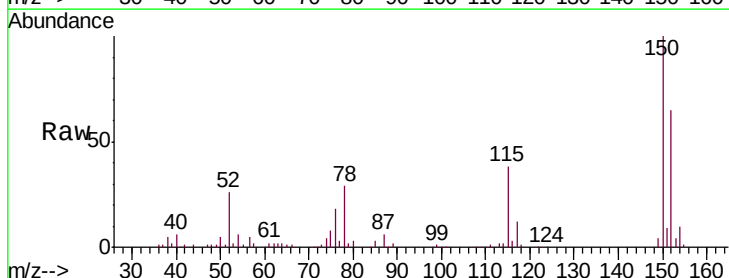
Acq: 13 Oct 2018 01:27

Tgt Ion: 75 Resp: 8011

Ion Ratio Lower Upper

75 100

77 38.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.49

5000

4000

3000

2000

1000

0

11.45

11.50

Time-->

