

Data File : VU027623.D
Acq On : 12 Oct 2018 15:03
Operator : MD/SY
Sample : J5403-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Z3

Quant Time: Oct 13 01:41:35 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	169591	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153374	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62799	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55908	41.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.78%
7) Chloroethane-d5	1.68	69	44723	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.27	63	79313	31.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.36%
21) 2-Butanone-d5	4.18	46	102514	95.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.15%
24) Chloroform-d	4.65	84	101701	47.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.28%
26) 1,2-Dichloroethane-d4	5.31	65	69618	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
32) Benzene-d6	5.34	84	201811	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
36) 1,2-Dichloropropane-d6	6.33	67	72292	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.57	98	165275	42.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.14%
43) trans-1,3-Dichloropropene-	7.85	79	29724	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.94%
47) 2-Hexanone-d5	8.31	63	70911	93.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93919	47.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	57674	46.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.88%

Target Compounds

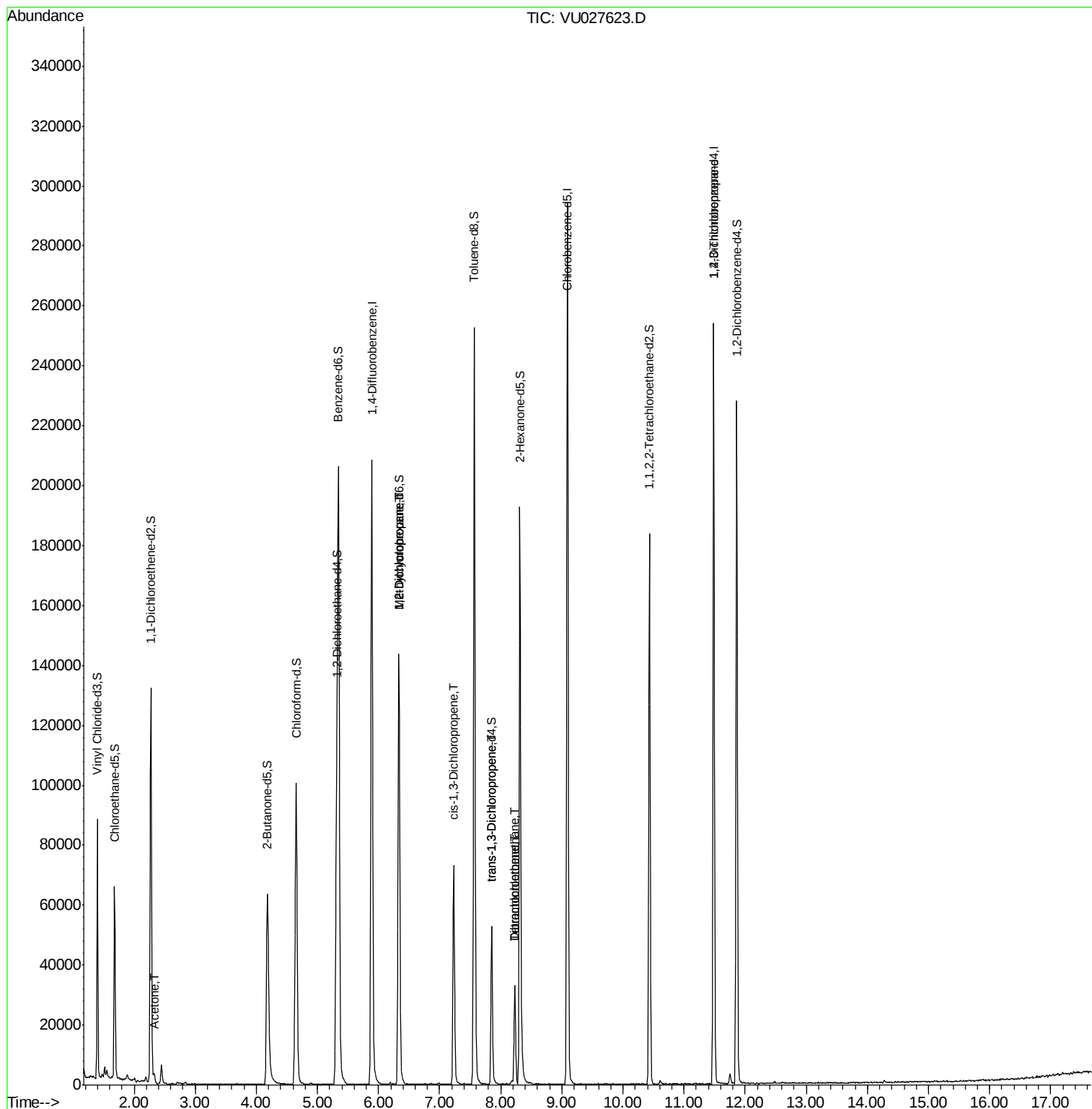
					Qvalue
13) Acetone	2.33	43	2452	2.775 ug/L	87
35) Methylcyclohexane	6.33	83	15476	7.348 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7489	5.129 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1624	0.757 ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	1411	0.708 ug/L	88
46) Tetrachloroethene	8.23	164	7705	8.553 ug/L	97
49) Dibromochloromethane	8.23	129	7095	5.805 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8530	5.160 ug/L	89

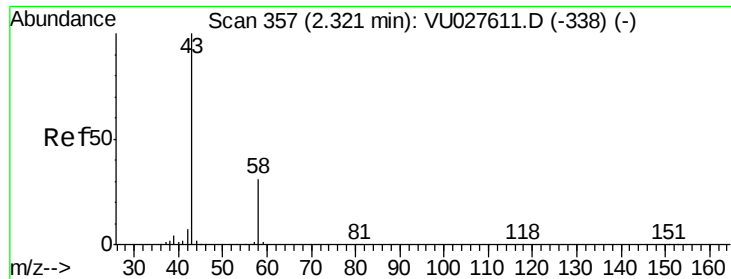
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.775 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027623.D

Acq: 12 Oct 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

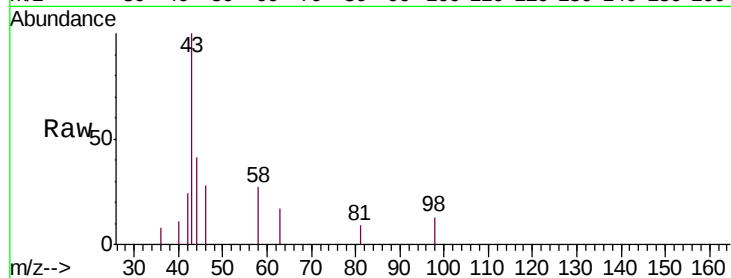
C08Z3

Tgt Ion: 43 Resp: 2452

Ion Ratio Lower Upper

43 100

58 23.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU027611.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU027611.D (-338) (-)

2.33

1500

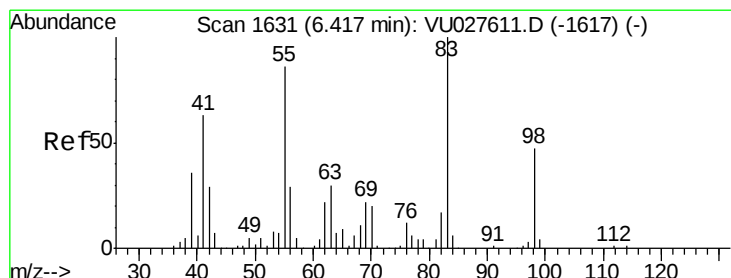
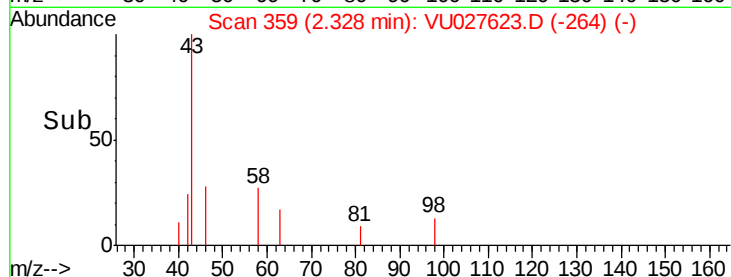
1000

500

0

2.30 2.35

Time-->



#35

Methylcyclohexane

Concen: 7.348 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.09 min

Lab File: VU027623.D

Acq: 12 Oct 2018 15:03

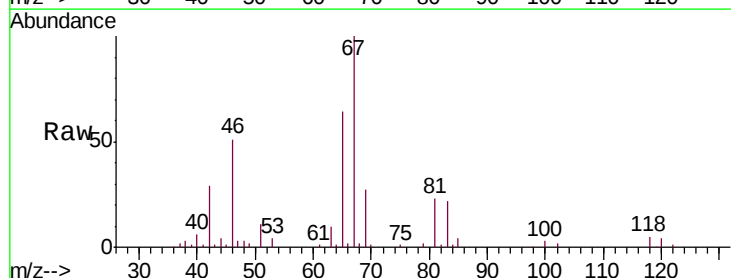
Tgt Ion: 83 Resp: 15476

Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

98 0.9 37.1 55.7#



Abundance Ion 83.00 (82.70 to 83.70): VU027611.D (-1617) (-)

Ion 55.00 (54.70 to 55.70): VU027611.D (-1617) (-)

Ion 98.00 (97.70 to 98.70): VU027611.D (-1617) (-)

6.33

10000

8000

6000

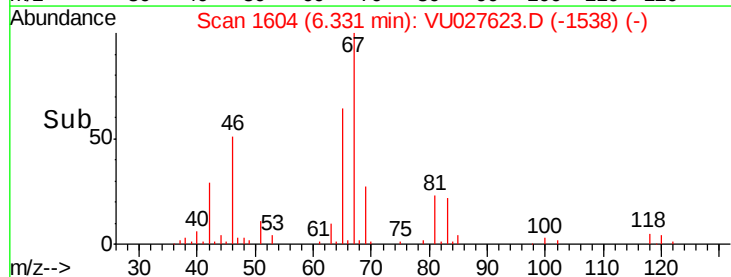
4000

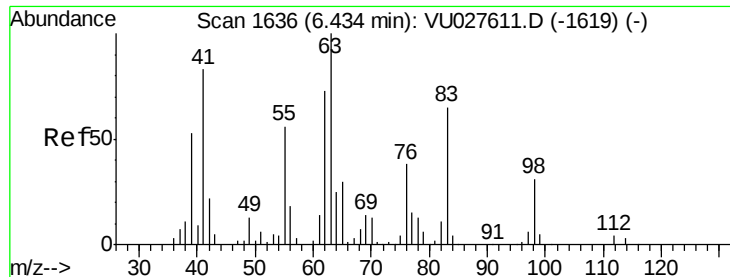
2000

0

6.25 6.30 6.35 6.40

Time-->

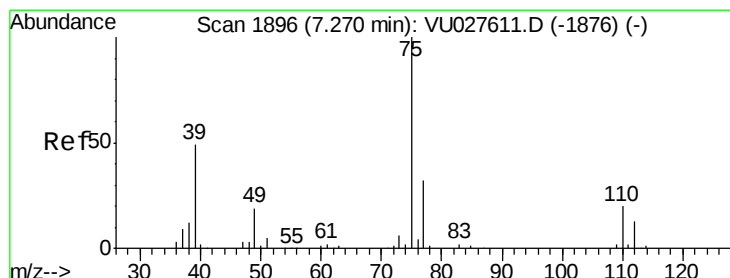
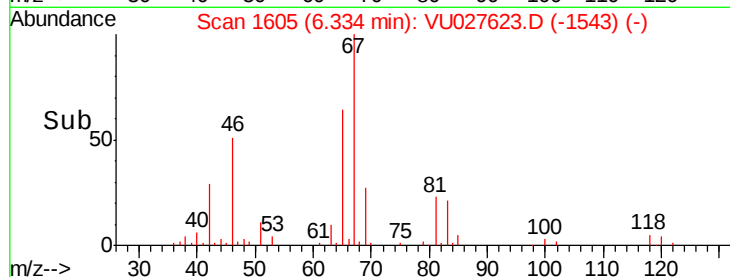
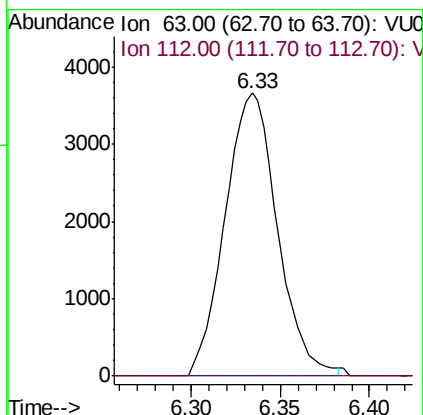
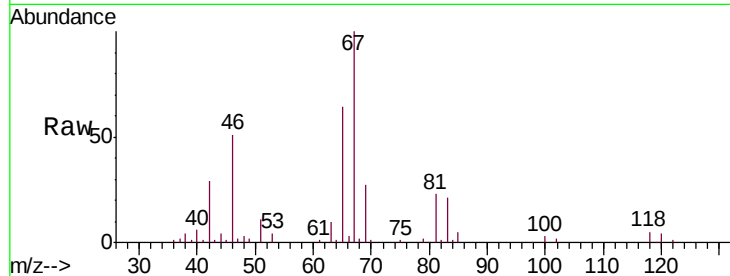




#37
 1,2-Dichloropropane
 Concen: 5.129 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027623.D
 Acq: 12 Oct 2018 15:03

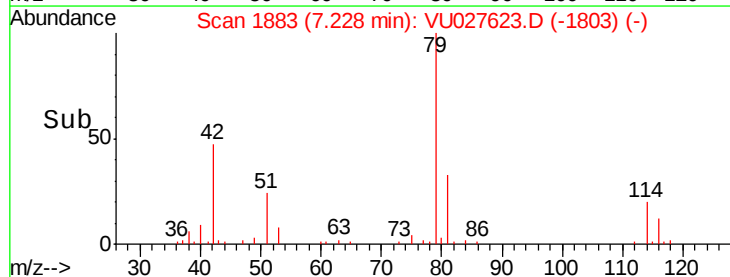
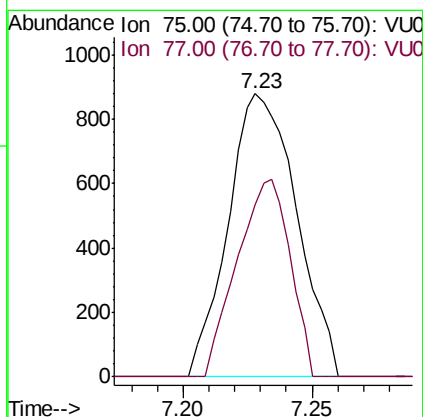
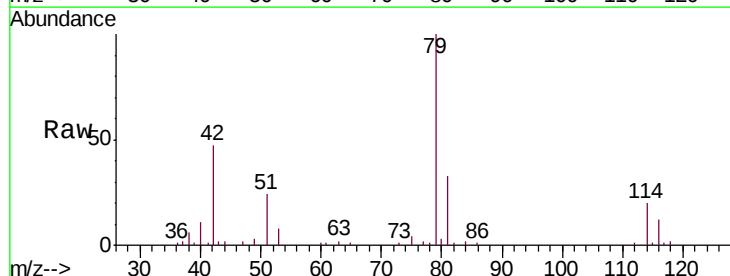
Instrument :
 MSVOA_U
 ClientSampleId :
 C08Z3

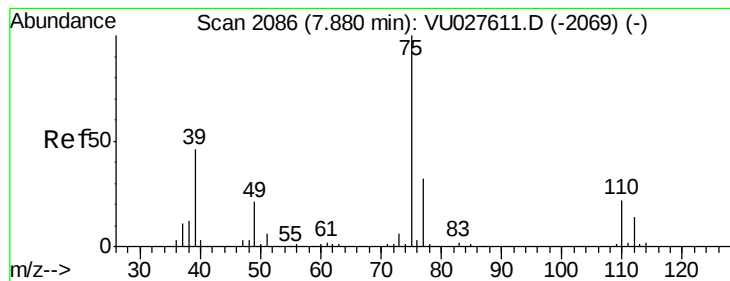
Tgt Ion: 63 Resp: 7489
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.757 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027623.D
 Acq: 12 Oct 2018 15:03

Tgt Ion: 75 Resp: 1624
 Ion Ratio Lower Upper
 75 100
 77 60.8 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.708 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027623.D

Acq: 12 Oct 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

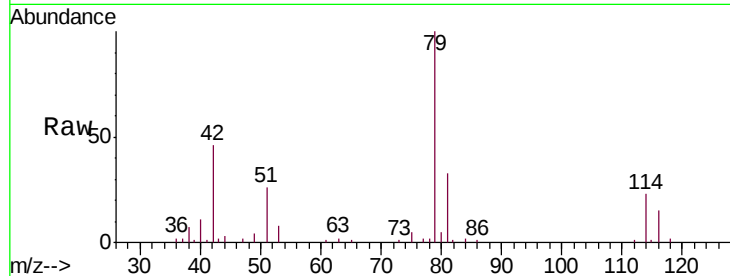
C08Z3

Tgt Ion: 75 Resp: 1411

Ion Ratio Lower Upper

75 100

77 38.6 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

800

600

400

200

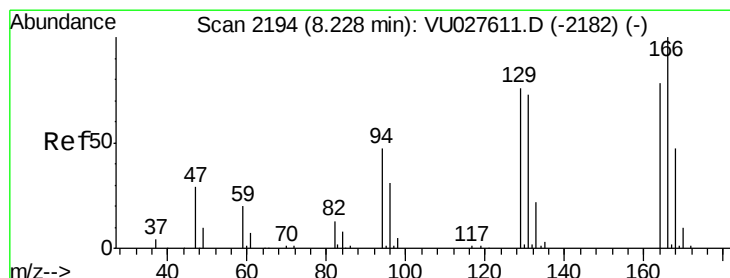
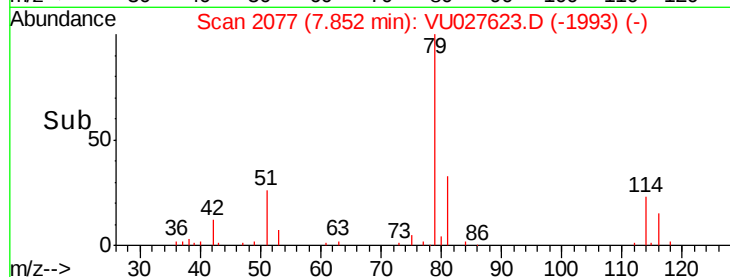
0

7.80

7.85

7.90

Time-->



#46

Tetrachloroethene

Concen: 8.553 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027623.D

Acq: 12 Oct 2018 15:03

Tgt Ion: 164 Resp: 7705

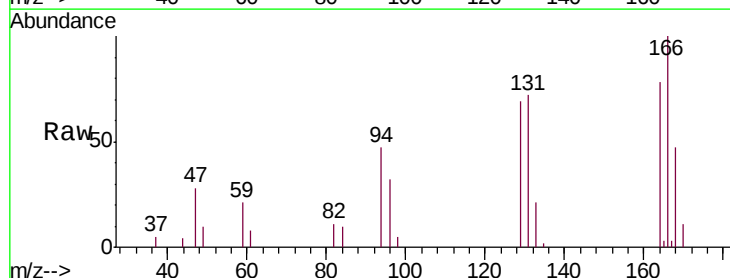
Ion Ratio Lower Upper

164 100

129 87.8 67.0 124.4

131 92.6 65.1 120.9

166 127.8 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) (-)

8000

6000

4000

2000

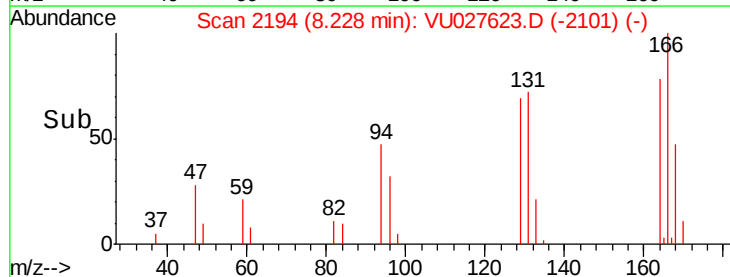
0

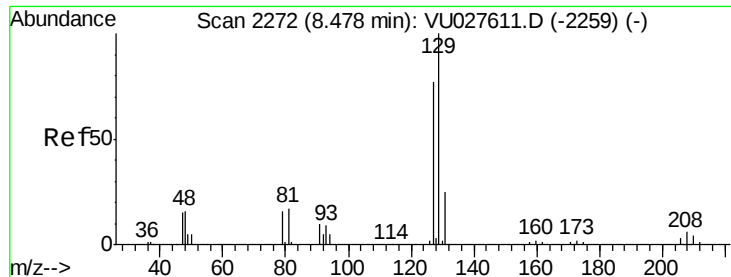
8.20

8.23

8.25

Time-->

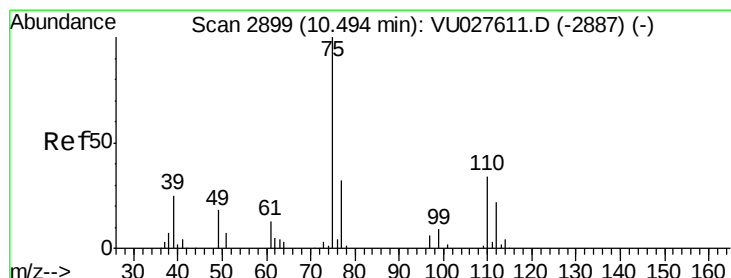
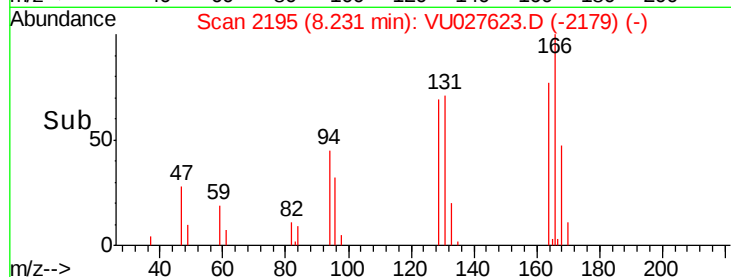
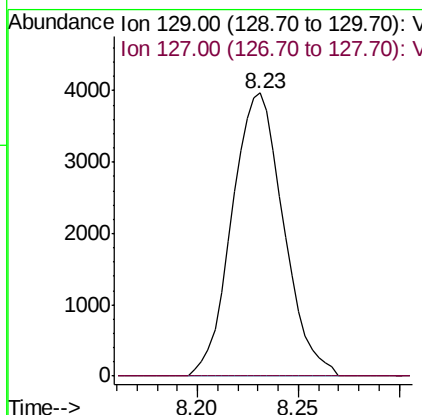
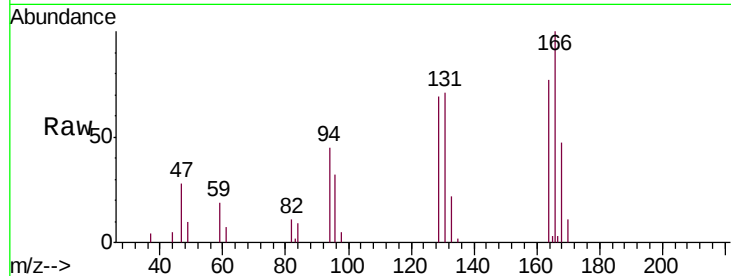




#49
 Dibromochloromethane
 Concen: 5.805 ug/L
 RT: 8.23 min Scan# 2195
 Delta R.T. -0.25 min
 Lab File: VU027623.D
 Acq: 12 Oct 2018 15:03

Instrument :
 MSVOA_U
 ClientSampleId :
 C08Z3

Tgt Ion: 129 Resp: 7095
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.160 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027623.D
 Acq: 12 Oct 2018 15:03

Tgt Ion: 75 Resp: 8530
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.7 38.5

