

Data File : VU027622.D
Acq On : 12 Oct 2018 14:39
Operator : MD/SY
Sample : J5403-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Z1

Quant Time: Oct 13 01:41:26 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	175093	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159855	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63952	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58663	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.14%
7) Chloroethane-d5	1.68	69	48340	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.08%
11) 1,1-Dichloroethene-d2	2.27	63	84262	32.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.20%
21) 2-Butanone-d5	4.18	46	107295	96.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.45%
24) Chloroform-d	4.65	84	102747	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	5.31	65	69452	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
32) Benzene-d6	5.34	84	207034	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.38%
36) 1,2-Dichloropropane-d6	6.33	67	74312	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.57	98	171457	41.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.74%
43) trans-1,3-Dichloropropene-	7.85	79	30967	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.90%
47) 2-Hexanone-d5	8.31	63	73530	92.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95997	46.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	59959	47.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.84%

Target Compounds

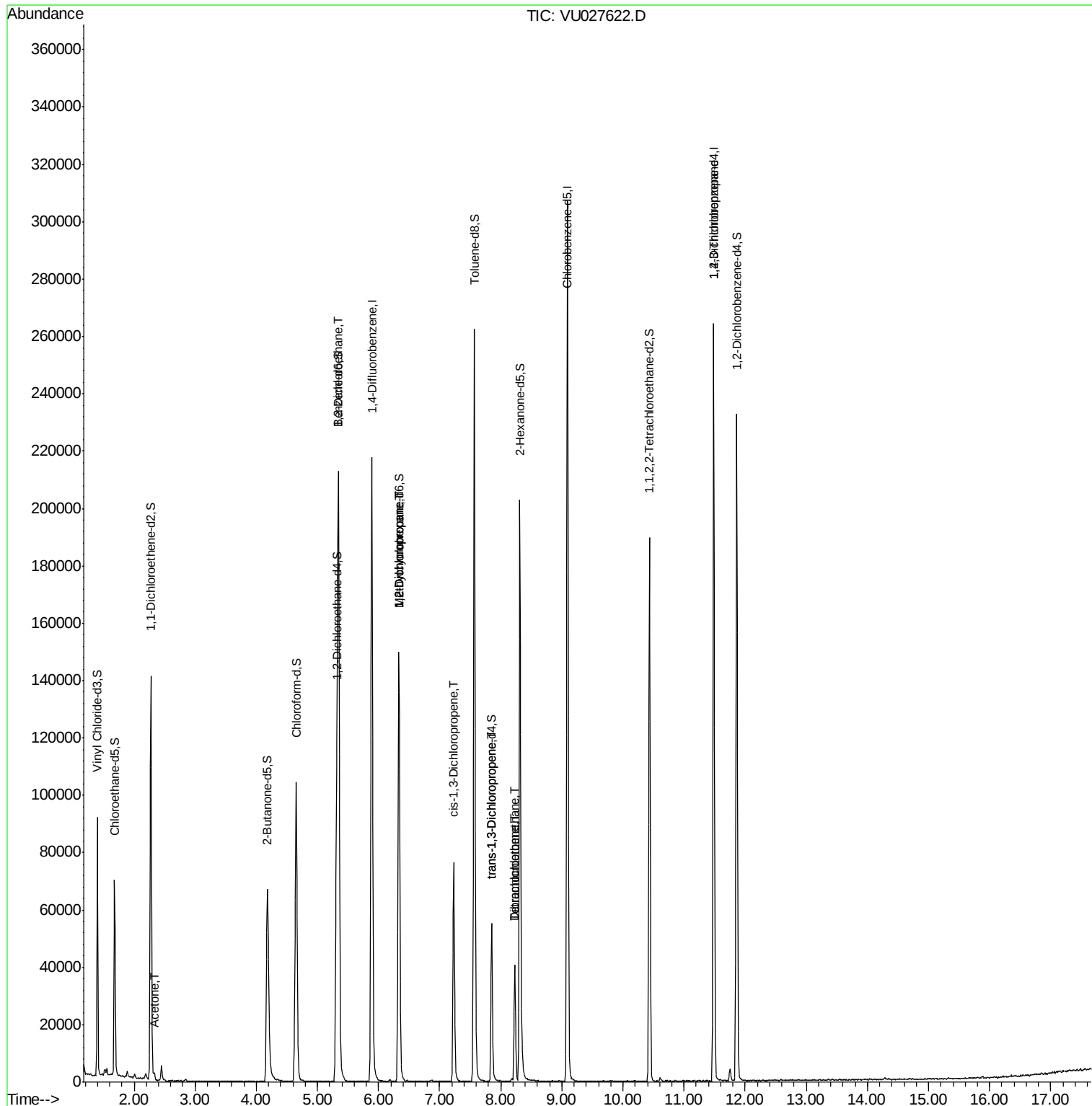
					Qvalue
13) Acetone	2.33	43	1461	1.601 ug/L	96
27) 1,2-Dichloroethane	5.35	62	1147	0.572 ug/L #	75
35) Methylcyclohexane	6.33	83	16047	7.311 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7905	5.194 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1754	0.784 ug/L #	72
44) trans-1,3-Dichloropropene	7.85	75	1225	0.590 ug/L	94
46) Tetrachloroethene	8.23	164	9115	9.708 ug/L	97
49) Dibromochloromethane	8.23	129	8830	6.931 ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8783	5.097 ug/L	92

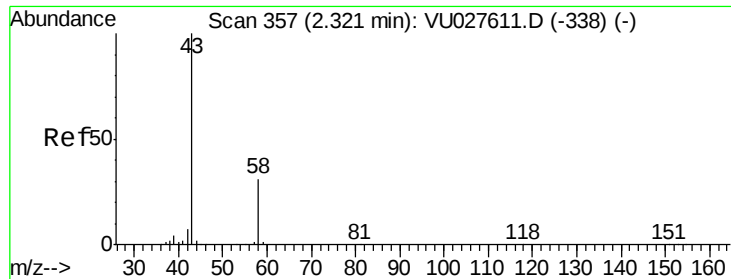
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.601 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027622.D

Acq: 12 Oct 2018 14:39

Instrument :

MSVOA_U

ClientSampleId :

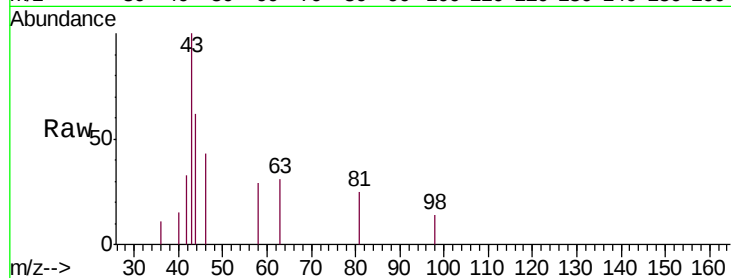
C08Z1

Tgt Ion: 43 Resp: 1461

Ion Ratio Lower Upper

43 100

58 28.1 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

1000

800

600

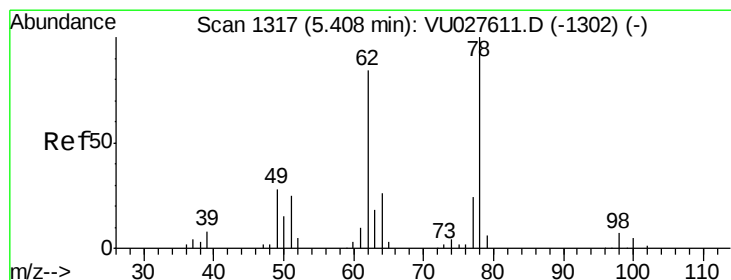
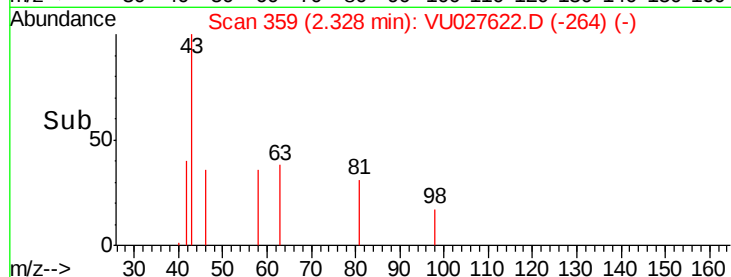
400

200

0

Time-->

2.28 2.30 2.32 2.34 2.36



#27

1,2-Dichloroethane

Concen: 0.572 ug/L

RT: 5.35 min Scan# 1298

Delta R.T. -0.06 min

Lab File: VU027622.D

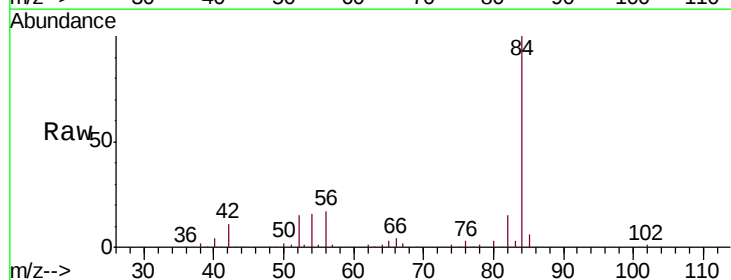
Acq: 12 Oct 2018 14:39

Tgt Ion: 62 Resp: 1147

Ion Ratio Lower Upper

62 100

98 0.0 7.1 10.7#



Abundance Ion 62.00 (61.70 to 62.70): VU027611.D (-1302) (-)

Ion 98.00 (97.70 to 98.70): VU027611.D (-1302) (-)

5.35

600

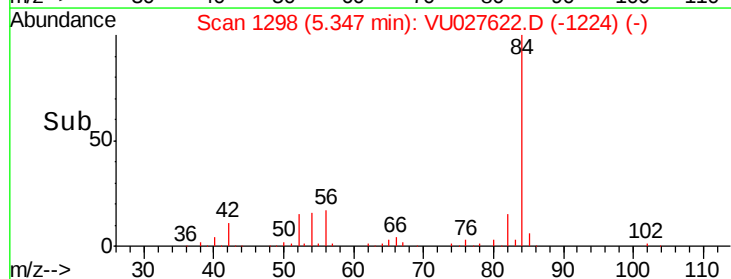
400

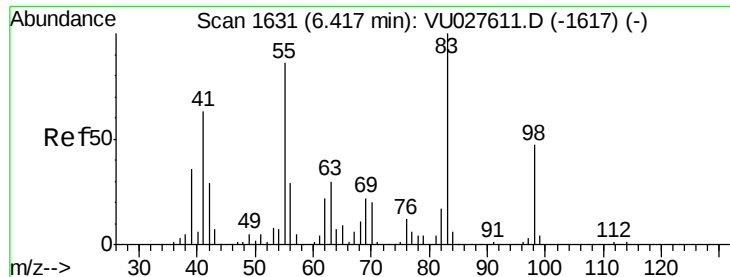
200

0

Time-->

5.30 5.35

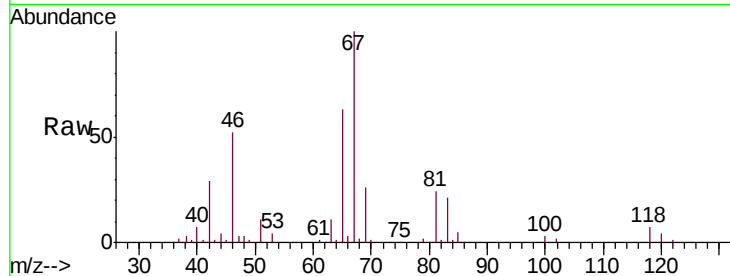




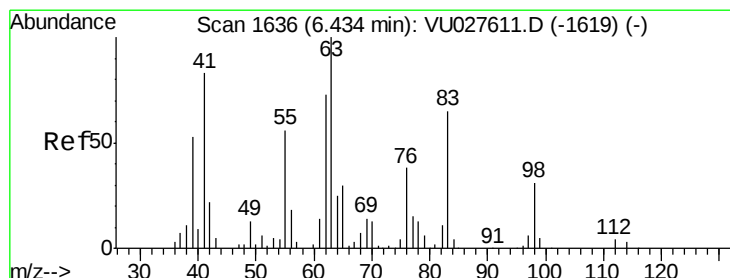
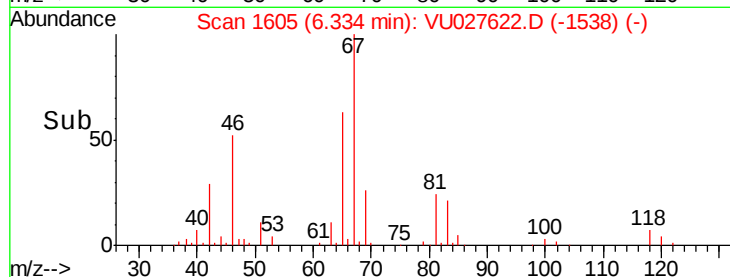
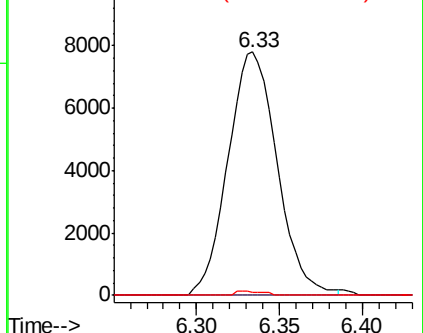
#35
Methylcyclohexane
Concen: 7.311 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027622.D
Acq: 12 Oct 2018 14:39

Instrument :
MSVOA_U
ClientSampled :
C08Z1

Tgt Ion: 83 Resp: 16047
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 0.7 37.1 55.7#

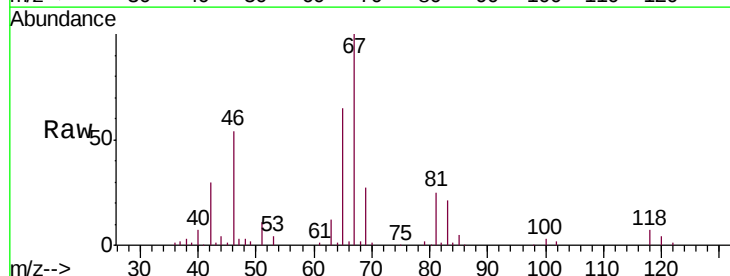


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

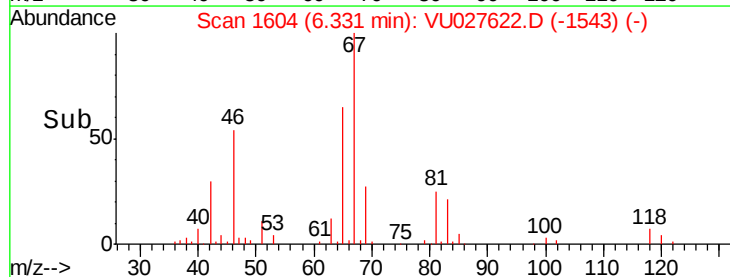
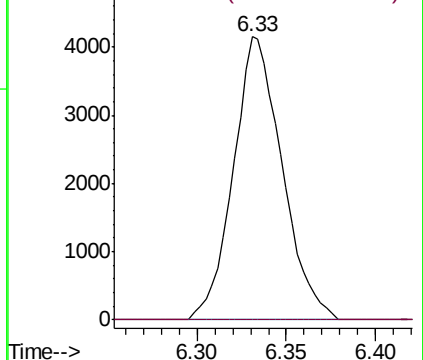


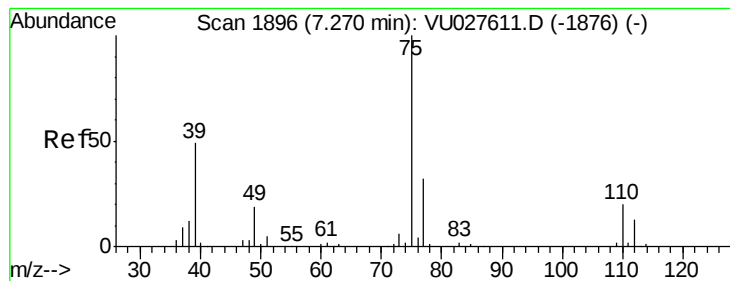
#37
1,2-Dichloropropane
Concen: 5.194 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027622.D
Acq: 12 Oct 2018 14:39

Tgt Ion: 63 Resp: 7905
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: 0.784 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU027622.D

Acq: 12 Oct 2018 14:39

Instrument :

MSVOA_U

ClientSampled :

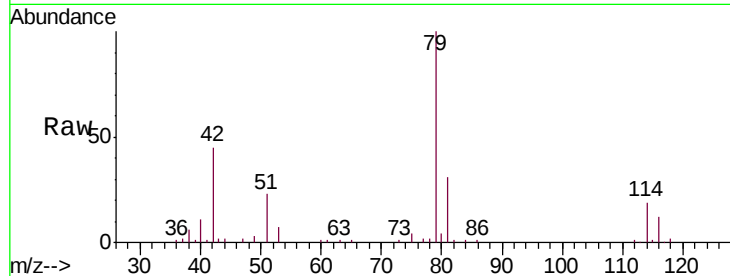
C08Z1

Tgt Ion: 75 Resp: 1754

Ion Ratio Lower Upper

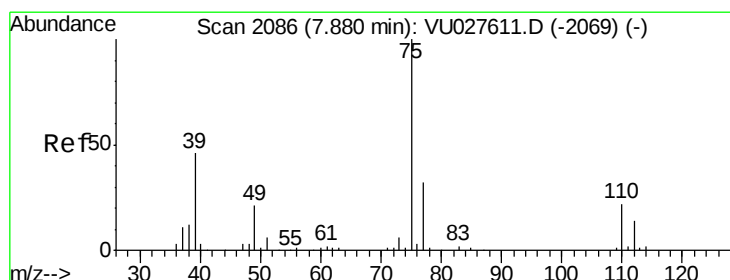
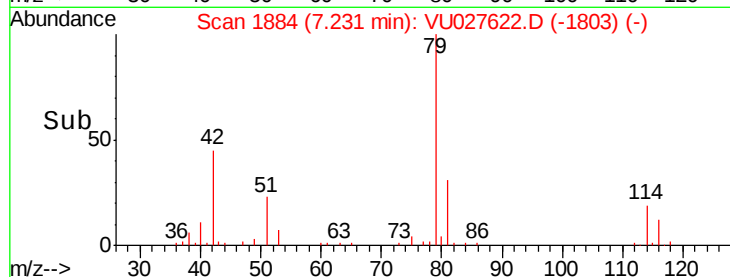
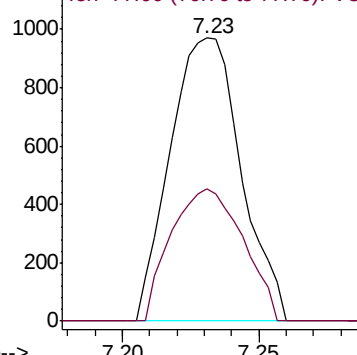
75 100

77 46.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.590 ug/L

RT: 7.85 min Scan# 2076

Delta R.T. -0.03 min

Lab File: VU027622.D

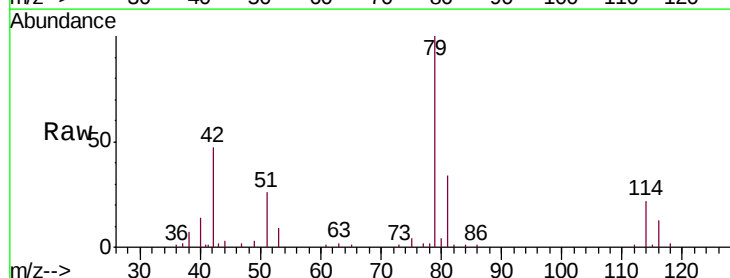
Acq: 12 Oct 2018 14:39

Tgt Ion: 75 Resp: 1225

Ion Ratio Lower Upper

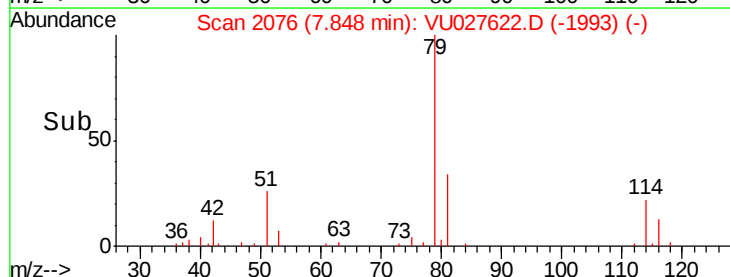
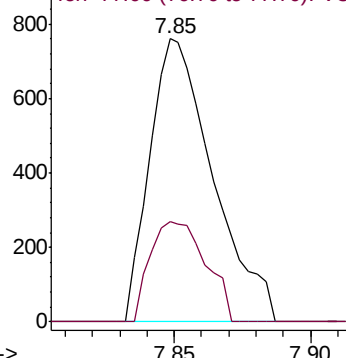
75 100

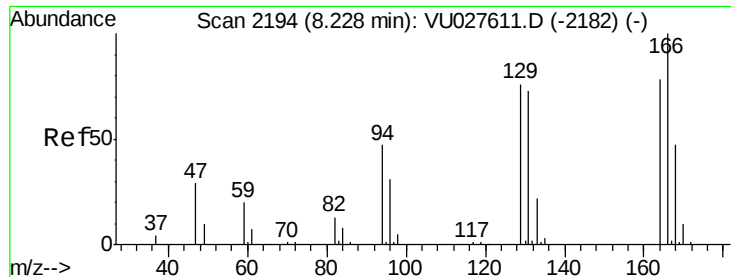
77 35.2 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

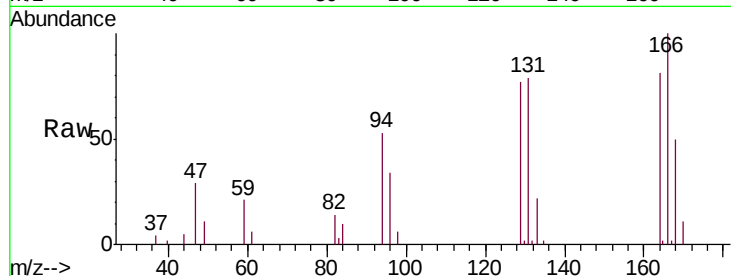




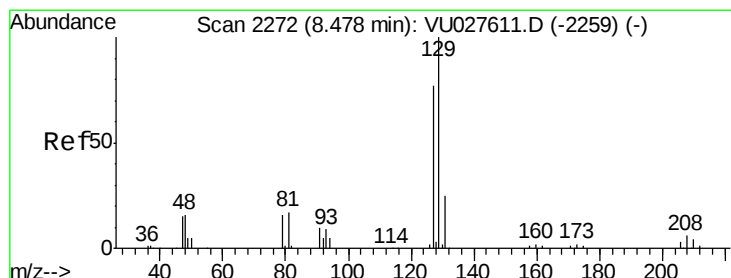
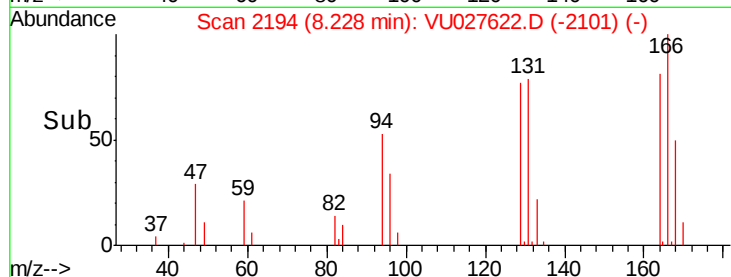
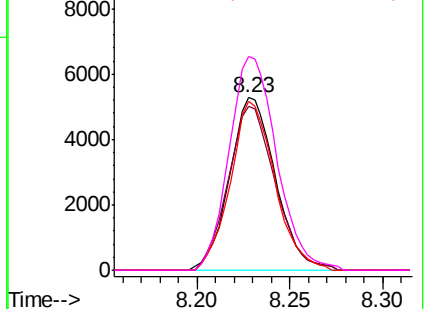
#46
Tetrachloroethene
Concen: 9.708 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027622.D
Acq: 12 Oct 2018 14:39

Instrument :
MSVOA_U
ClientSampleId :
C08Z1

Tgt Ion:164 Resp: 9115
Ion Ratio Lower Upper
164 100
129 95.2 67.0 124.4
131 97.9 65.1 120.9
166 123.9 90.4 167.8

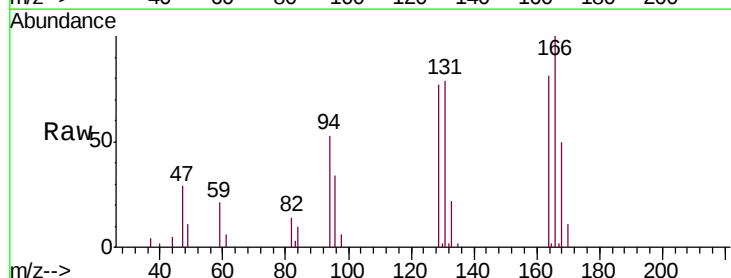


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

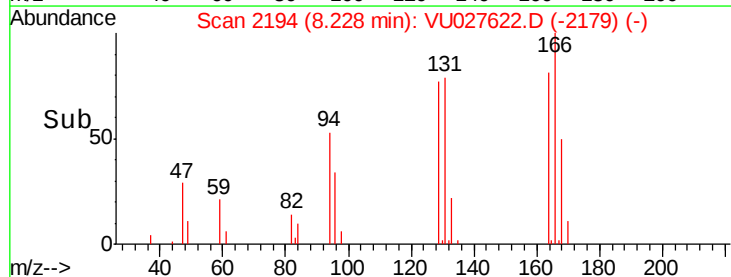
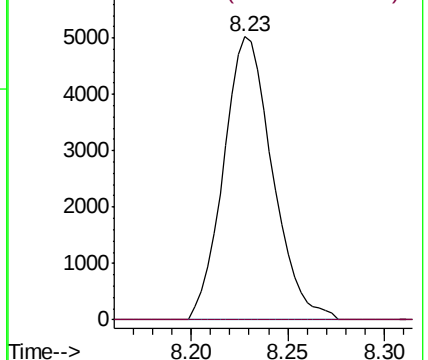


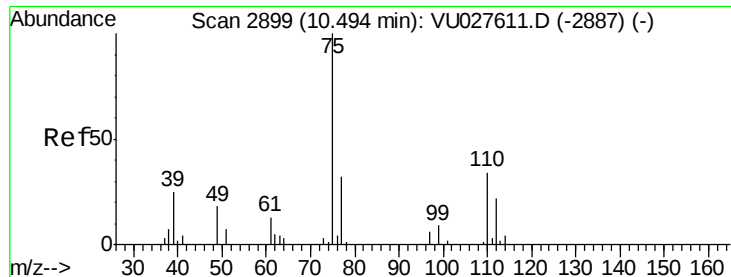
#49
Dibromochloromethane
Concen: 6.931 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027622.D
Acq: 12 Oct 2018 14:39

Tgt Ion:129 Resp: 8830
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: 5.097 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027622.D

Acq: 12 Oct 2018 14:39

Instrument :

MSVOA_U

ClientSampleId :

C08Z1

Tgt Ion: 75 Resp: 8783

Ion Ratio Lower Upper

75 100

77 36.7 25.7 38.5

