

Data File : VU027624.D
Acq On : 12 Oct 2018 15:26
Operator : MD/SY
Sample : J5403-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Z4

Quant Time: Oct 13 01:41:44 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	158507	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63966	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53685	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.08%
7) Chloroethane-d5	1.68	69	45523	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.74%
11) 1,1-Dichloroethene-d2	2.27	63	74658	31.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.82%
21) 2-Butanone-d5	4.18	46	101411	100.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.70%
24) Chloroform-d	4.65	84	93293	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
26) 1,2-Dichloroethane-d4	5.31	65	66754	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
32) Benzene-d6	5.34	84	186198	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
36) 1,2-Dichloropropane-d6	6.33	67	66994	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.04%
41) Toluene-d8	7.57	98	156892	39.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.12%#
43) trans-1,3-Dichloropropene-	7.85	79	29688	40.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.06%
47) 2-Hexanone-d5	8.31	63	71859	92.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.43%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91503	45.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	56706	45.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.62%

Target Compounds

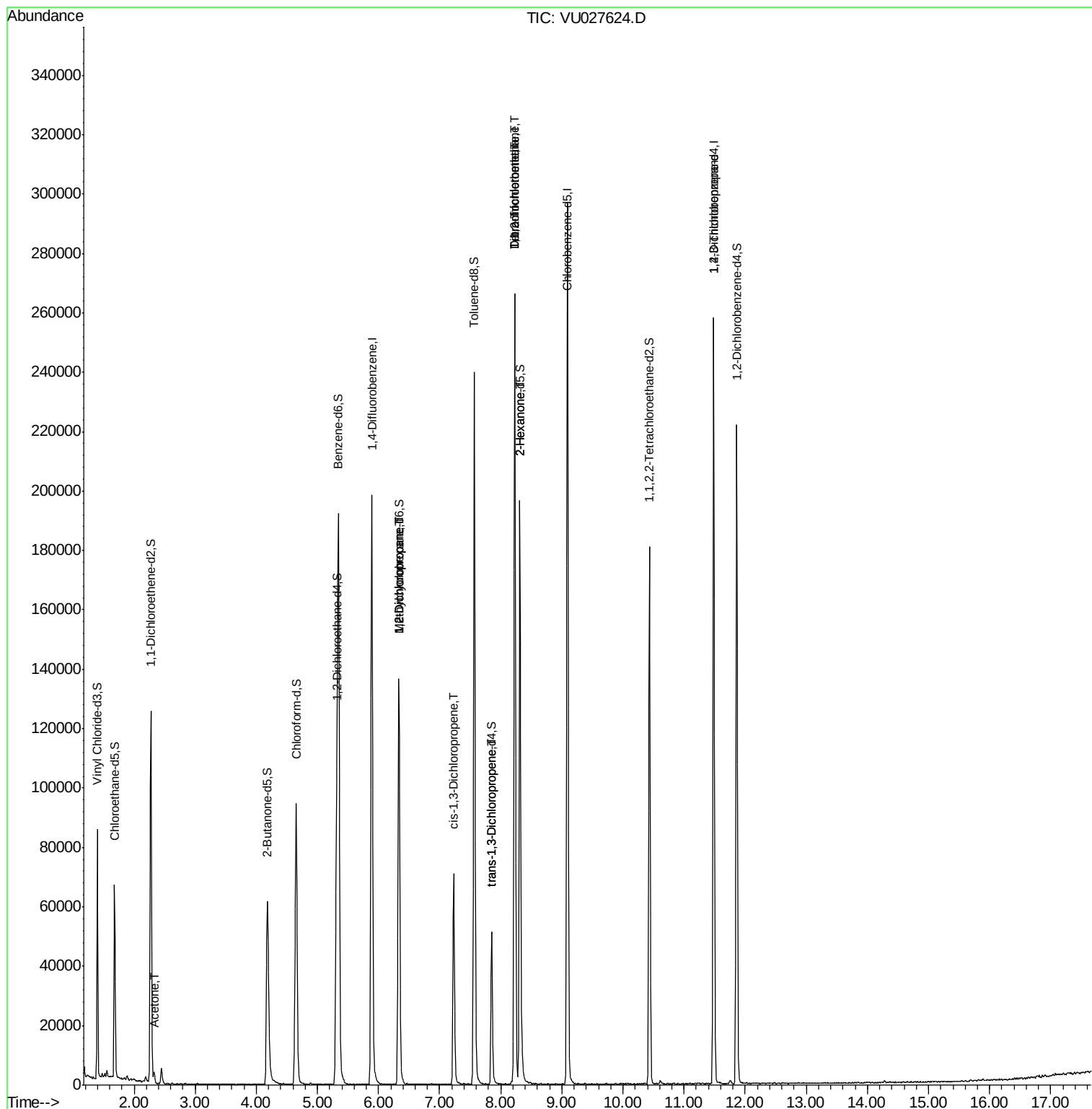
						Qvalue
13) Acetone	2.32	43	2600	3.148	ug/L	90
35) Methylcyclohexane	6.33	83	14669	6.813	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7546	5.055	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1829	0.834	ug/L #	82
44) trans-1,3-Dichloropropene	7.85	75	1221	0.600	ug/L	98
45) 1,1,2-Trichloroethane	8.23	97	438	0.366	ug/L #	1
46) Tetrachloroethene	8.23	164	59342	64.438	ug/L	99
48) 2-Hexanone	8.31	43	8254	4.782	ug/L #	68
49) Dibromochloromethane	8.23	129	56854	45.500	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8647	5.116	ug/L	92

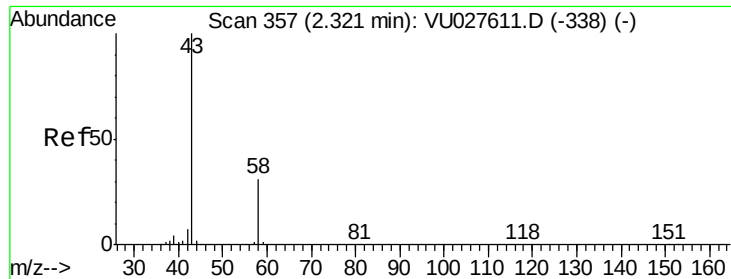
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.148 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027624.D

Acq: 12 Oct 2018 15:26

Instrument :

MSVOA_U

ClientSampleId :

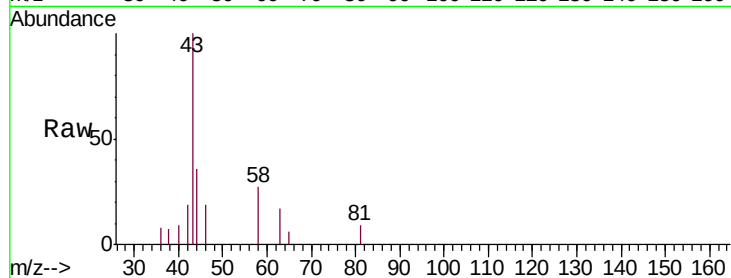
C08Z4

Tgt Ion: 43 Resp: 2600

Ion Ratio Lower Upper

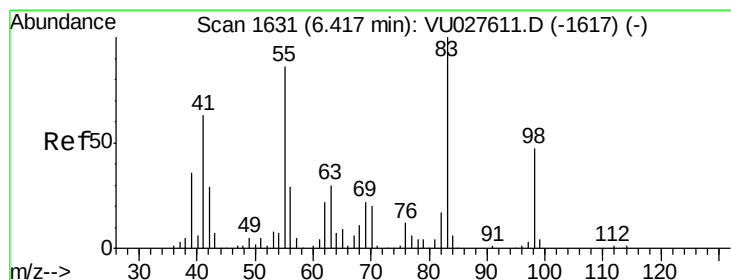
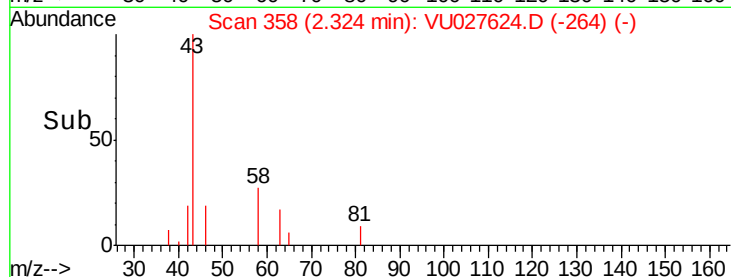
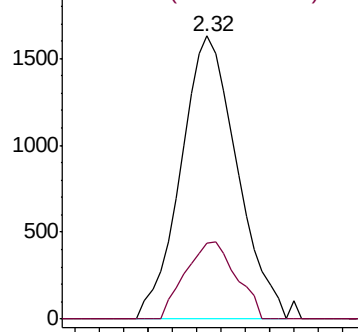
43 100

58 24.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 6.813 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027624.D

Acq: 12 Oct 2018 15:26

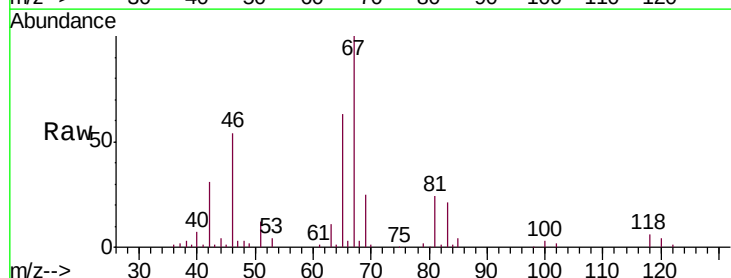
Tgt Ion: 83 Resp: 14669

Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

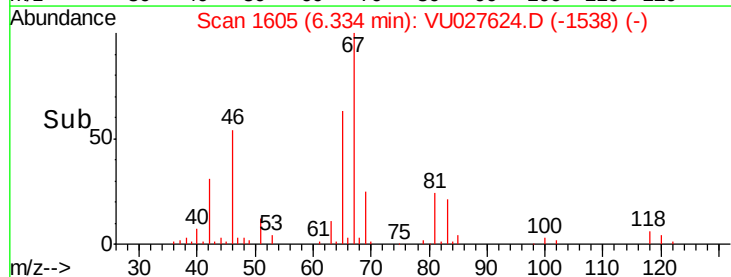
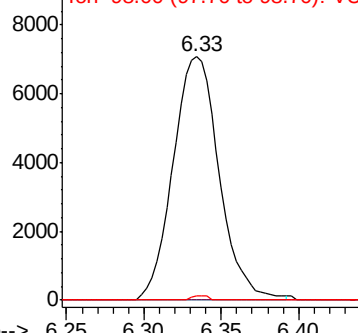
98 0.6 37.1 55.7#

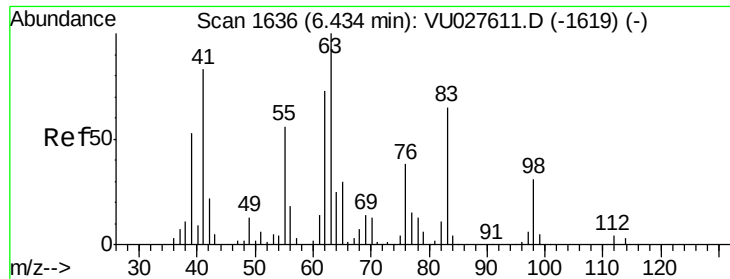


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

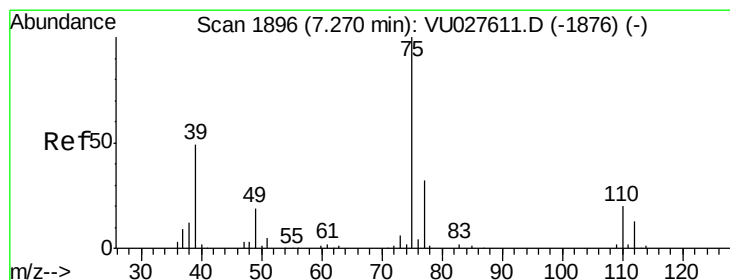
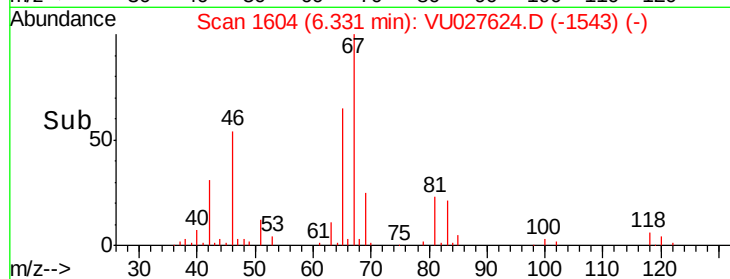
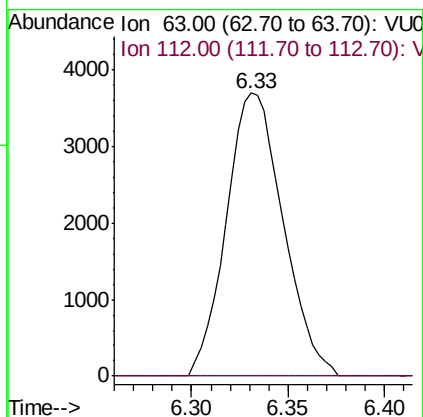
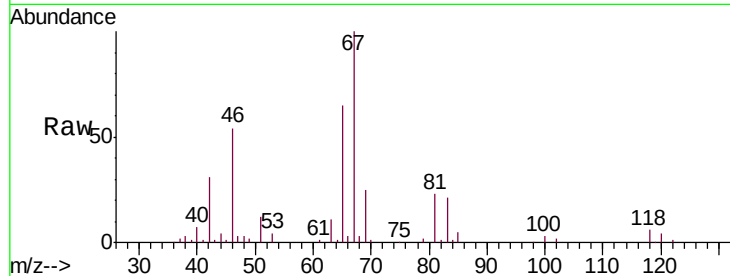




#37
 1,2-Dichloropropane
 Concen: 5.055 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027624.D
 Acq: 12 Oct 2018 15:26

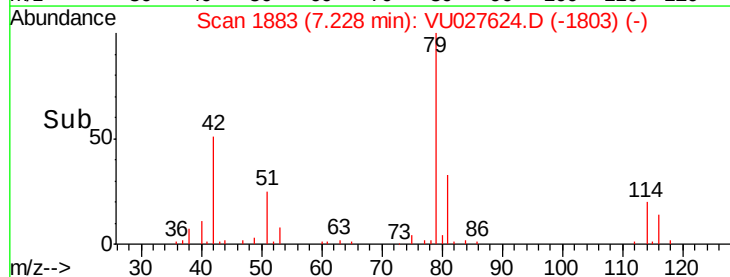
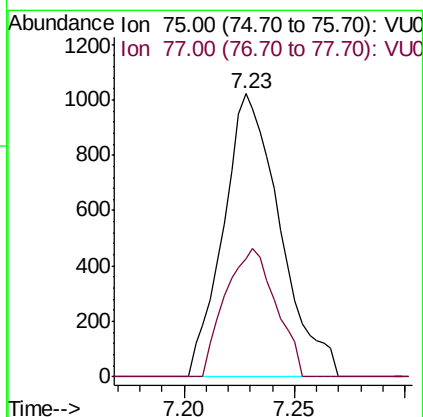
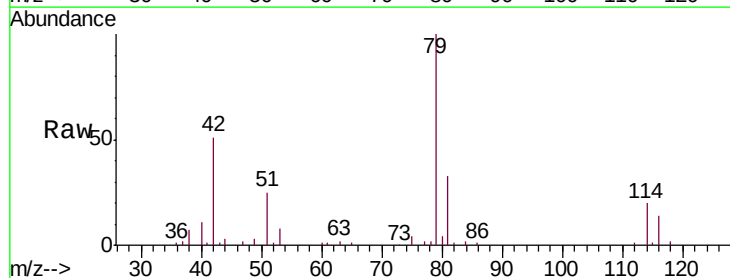
Instrument :
 MSVOA_U
 ClientSampleId :
 C08Z4

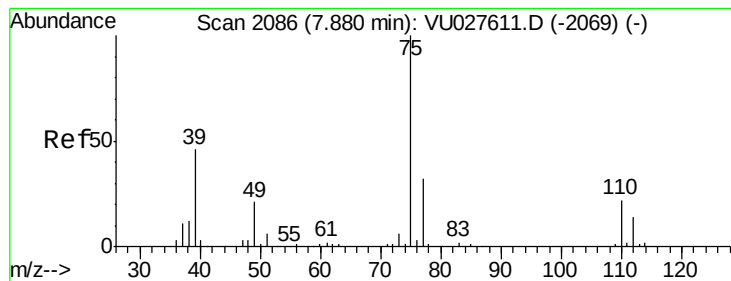
Tgt Ion: 63 Resp: 7546
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.834 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027624.D
 Acq: 12 Oct 2018 15:26

Tgt Ion: 75 Resp: 1829
 Ion Ratio Lower Upper
 75 100
 77 41.6 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 7.85 min Scan# 2077

Delta R.T. -0.03 min

Lab File: VU027624.D

Acq: 12 Oct 2018 15:26

Instrument :

MSVOA_U

ClientSampleId :

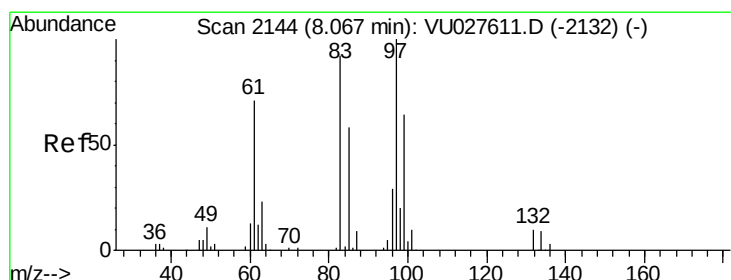
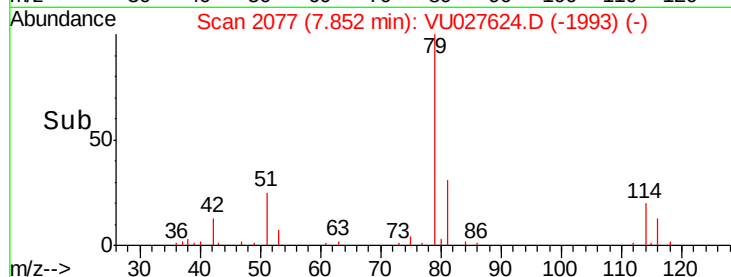
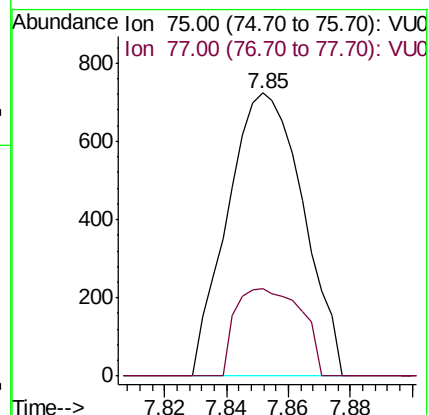
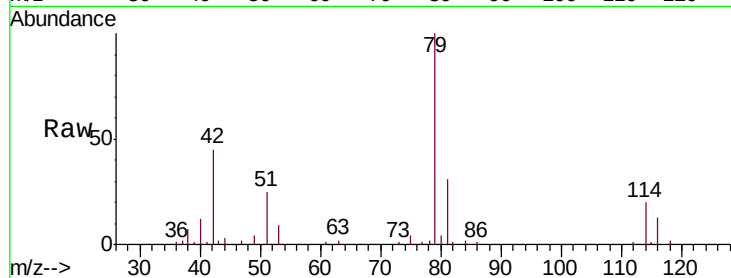
C08Z4

Tgt Ion: 75 Resp: 1221

Ion Ratio Lower Upper

75 100

77 30.8 22.2 41.2



#45

1,1,2-Trichloroethane

Concen: 0.366 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.16 min

Lab File: VU027624.D

Acq: 12 Oct 2018 15:26

Tgt Ion: 97 Resp: 438

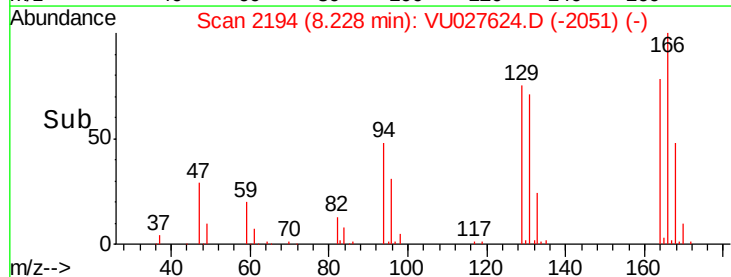
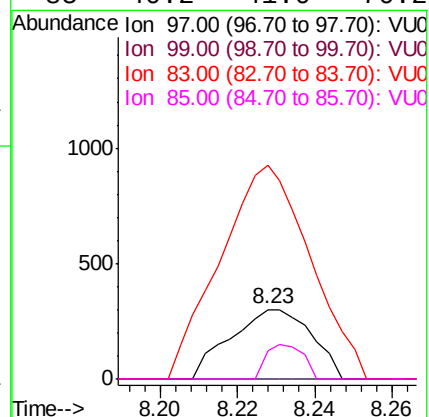
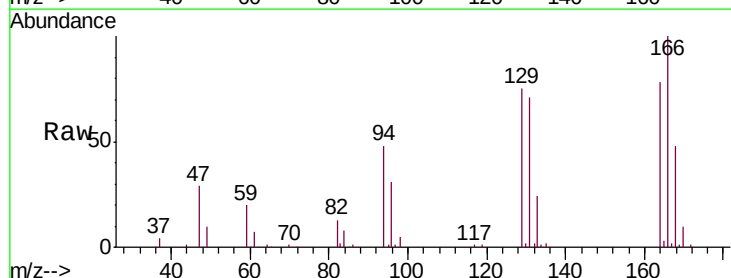
Ion Ratio Lower Upper

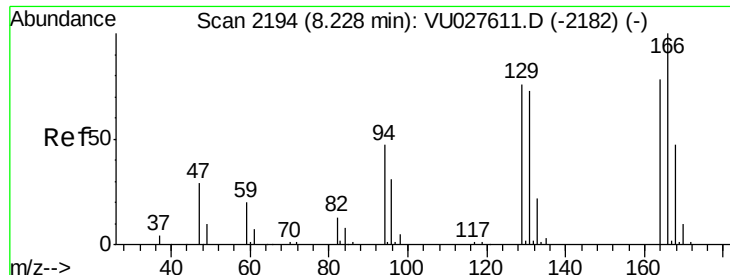
97 100

99 0.0 43.2 80.2#

83 307.3 64.3 119.5#

85 40.2 41.0 76.2#





#46

Tetrachloroethene

Concen: 64.438 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027624.D

Acq: 12 Oct 2018 15:26

Instrument :

MSVOA_U

ClientSampleId :

C08Z4

Tgt Ion:164 Resp: 59342

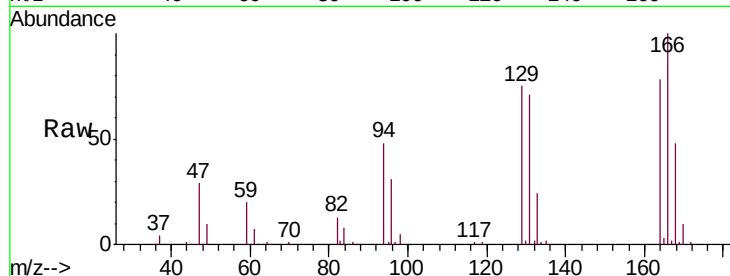
Ion Ratio Lower Upper

164 100

129 96.3 67.0 124.4

131 91.9 65.1 120.9

166 128.6 90.4 167.8

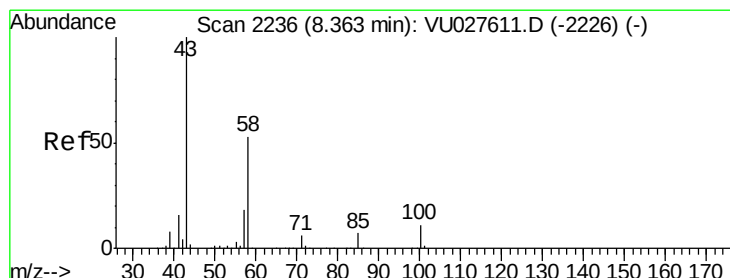
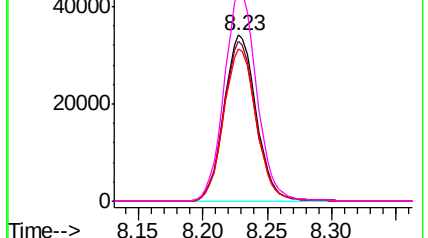
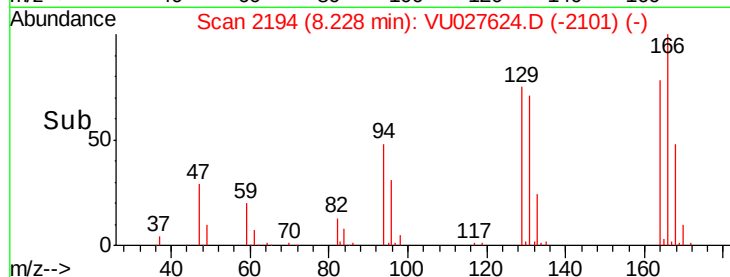


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.782 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU027624.D

Acq: 12 Oct 2018 15:26

Tgt Ion: 43 Resp: 8254

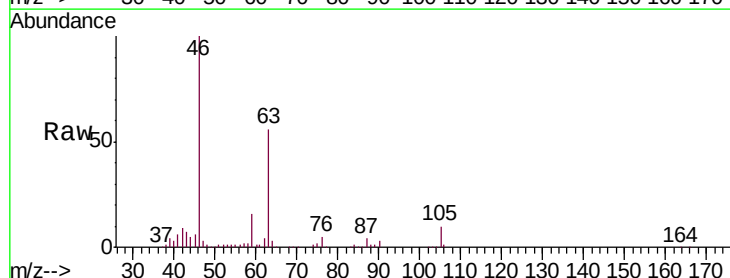
Ion Ratio Lower Upper

43 100

58 26.8 42.7 64.1#

57 27.3 14.5 21.7#

100 0.0 8.2 12.2#

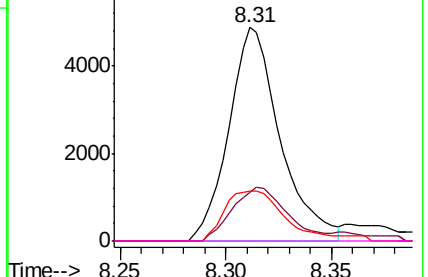
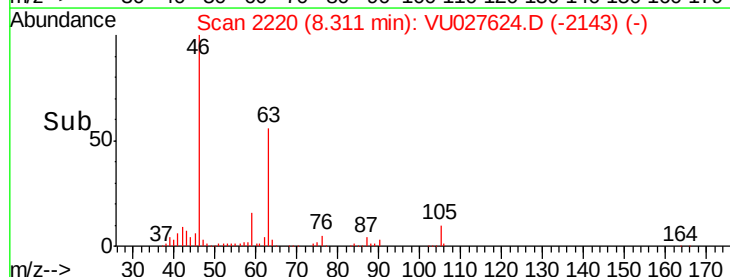


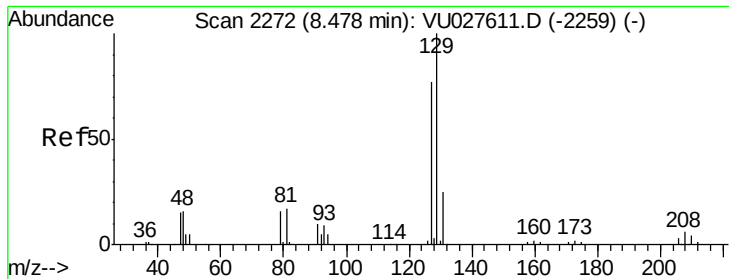
Abundance Ion 43.00 (42.70 to 43.70): VU0

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

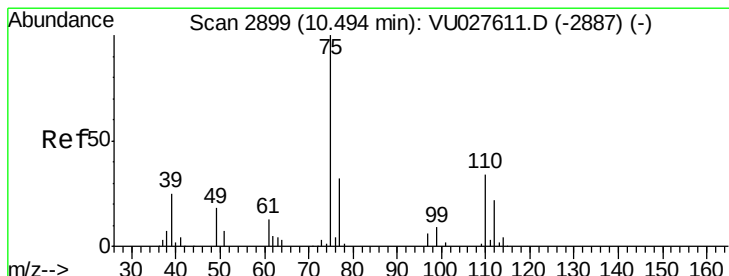
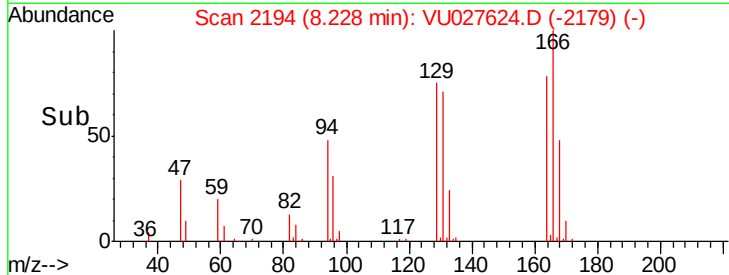
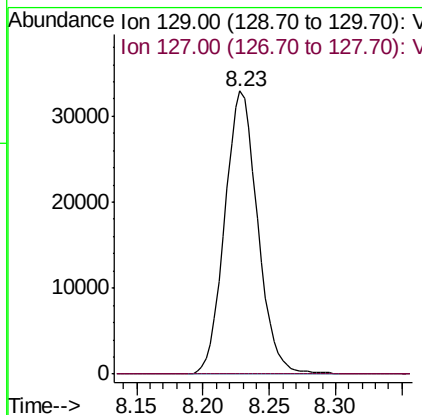
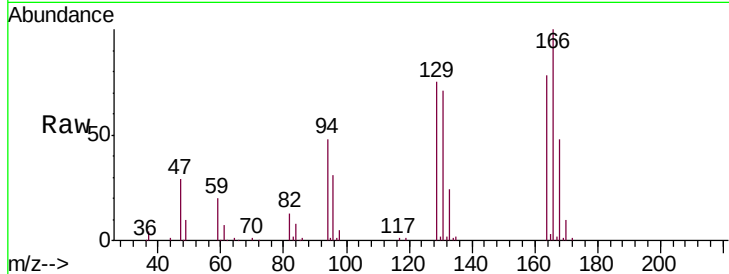




#49
 Dibromochloromethane
 Concen: 45.500 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.25 min
 Lab File: VU027624.D
 Acq: 12 Oct 2018 15:26

Instrument :
 MSVOA_U
 ClientSampled :
 C08Z4

Tgt Ion: 129 Resp: 56854
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.116 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027624.D
 Acq: 12 Oct 2018 15:26

Tgt Ion: 75 Resp: 8647
 Ion Ratio Lower Upper
 75 100
 77 36.4 25.7 38.5

