

Data File : VU027633.D
Acq On : 12 Oct 2018 18:55
Operator : MD/SY
Sample : J5403-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0905

Quant Time: Oct 13 01:43:04 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	166083	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	60134	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54413	41.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.26%
7) Chloroethane-d5	1.68	69	45474	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.27	63	77576	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	4.18	46	110478	104.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.70%
24) Chloroform-d	4.65	84	101226	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.31	65	70026	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
32) Benzene-d6	5.34	84	198014	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	73292	48.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.04%
41) Toluene-d8	7.57	98	162840	41.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.62%
43) trans-1,3-Dichloropropene-	7.85	79	29250	40.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.38%
47) 2-Hexanone-d5	8.31	63	73724	96.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94425	47.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	56788	48.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.54%

Target Compounds

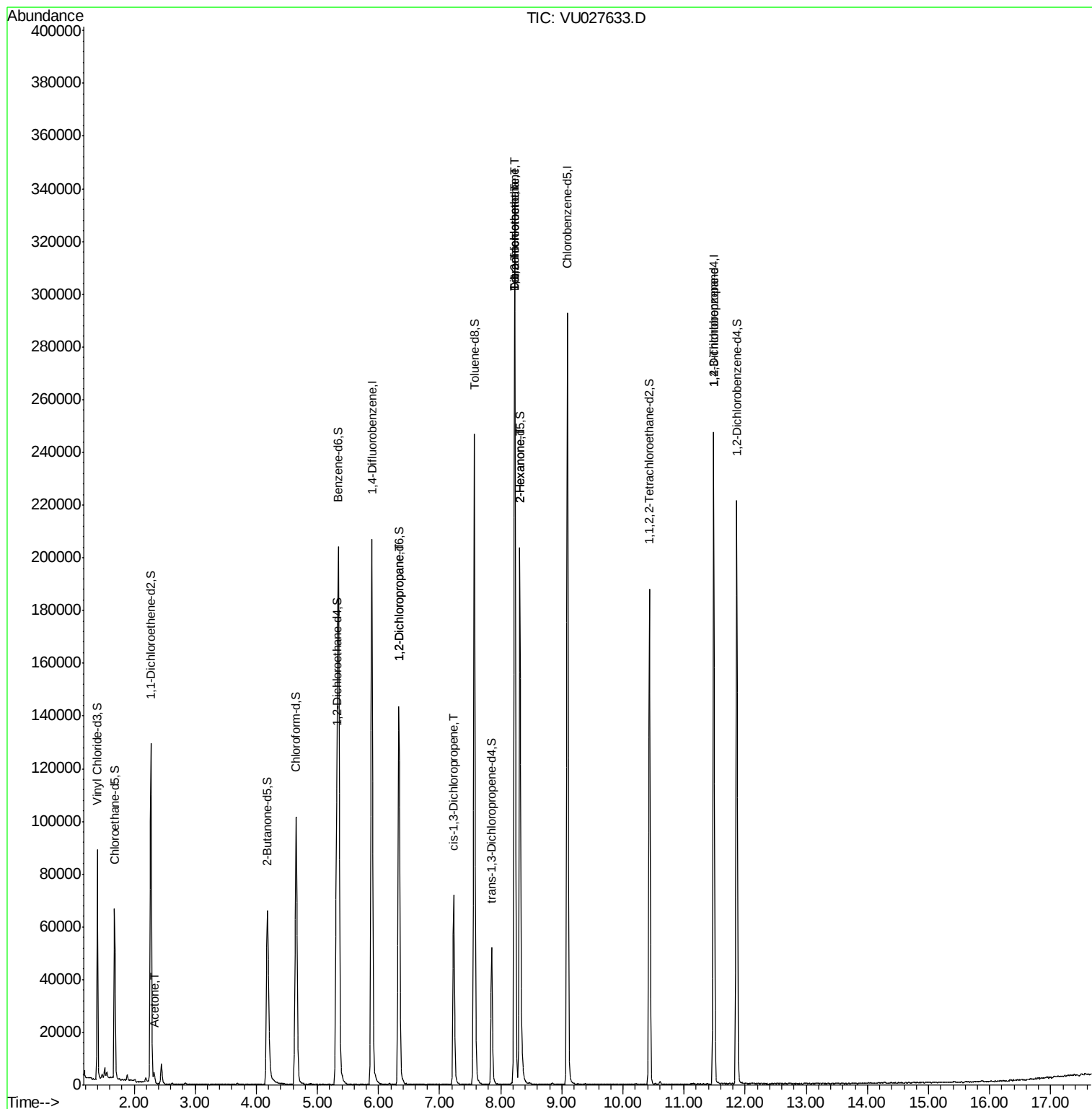
						Qvalue
13) Acetone	2.32	43	3247	3.752	ug/L	97
37) 1,2-Dichloropropane	6.33	63	7741	5.284	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1635	0.760	ug/L #	68
45) 1,1,2-Trichloroethane	8.22	97	629	0.535	ug/L #	1
46) Tetrachloroethene	8.23	164	73326	81.140	ug/L	99
48) 2-Hexanone	8.31	43	8527	5.034	ug/L #	69
49) Dibromochloromethane	8.23	129	70331	57.359	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8675	5.231	ug/L	97

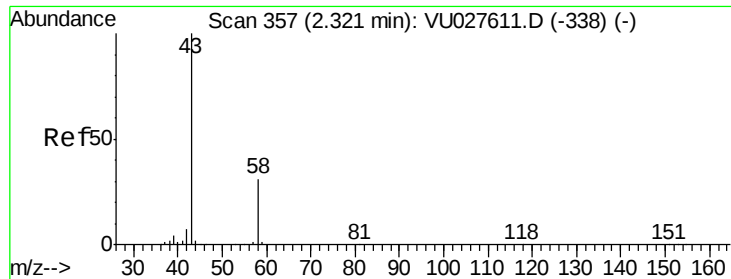
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.752 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027633.D

Acq: 12 Oct 2018 18:55

Instrument :

MSVOA_U

ClientSampleId :

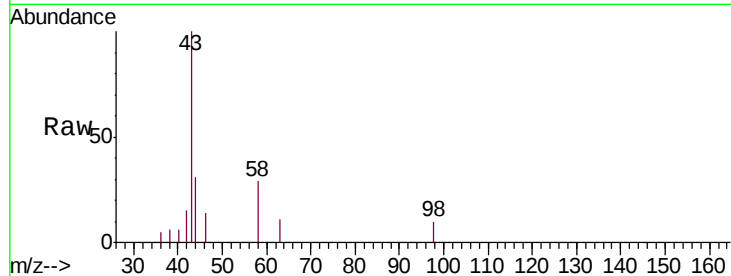
C0905

Tgt Ion: 43 Resp: 3247

Ion Ratio Lower Upper

43 100

58 28.9 0.0 60.8

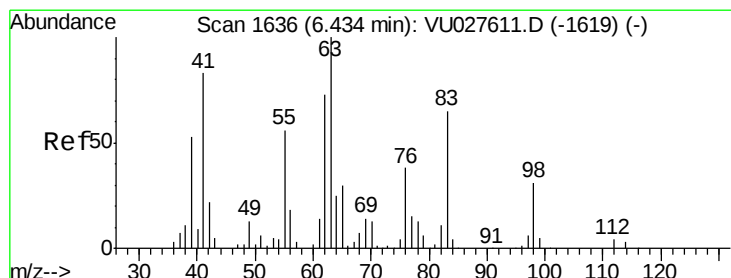
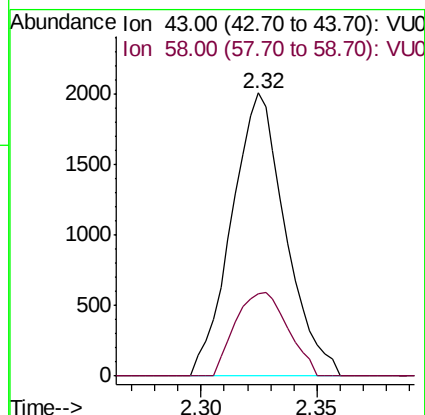
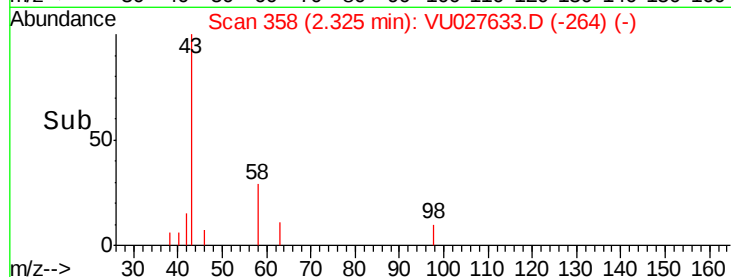


Abundance Ion 43.00 (42.70 to 43.70): VU027611.D (-338) (-)

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

2.32

2.30 2.35



#37

1,2-Dichloropropane

Concen: 5.284 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU027633.D

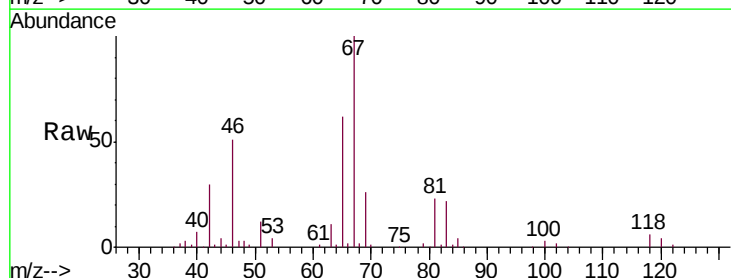
Acq: 12 Oct 2018 18:55

Tgt Ion: 63 Resp: 7741

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#

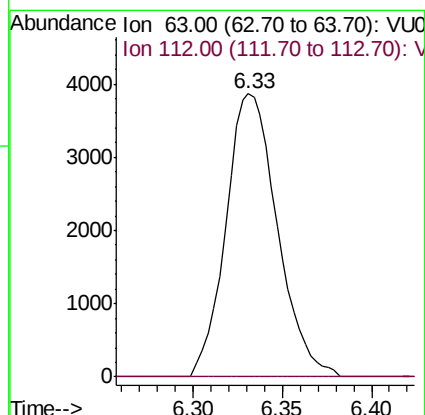
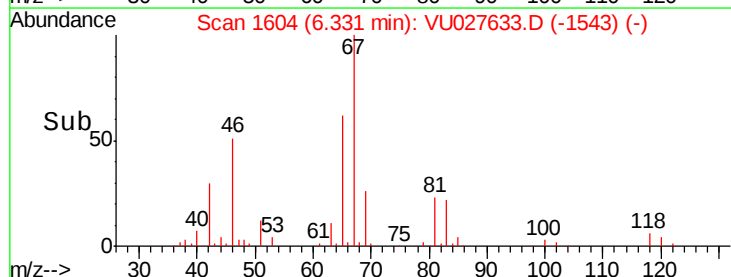


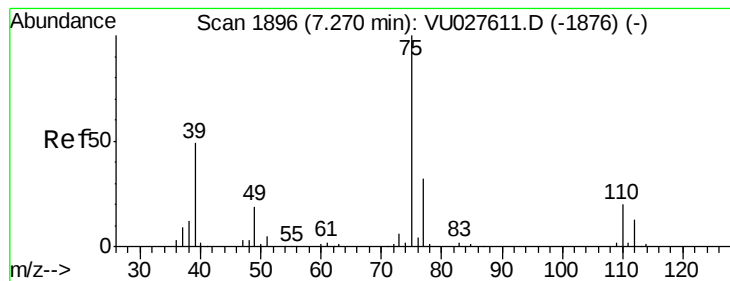
Abundance Ion 63.00 (62.70 to 63.70): VU027611.D (-1619) (-)

Ion 112.00 (111.70 to 112.70): VU027611.D (-1619) (-)

6.33

6.30 6.40



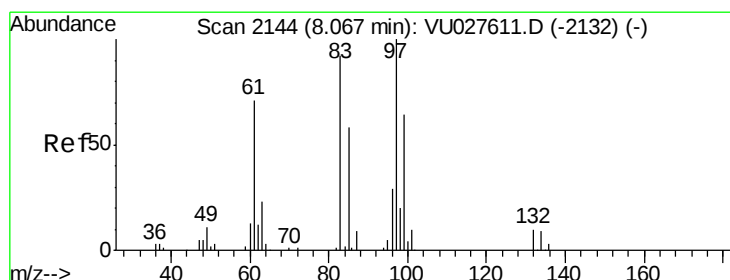
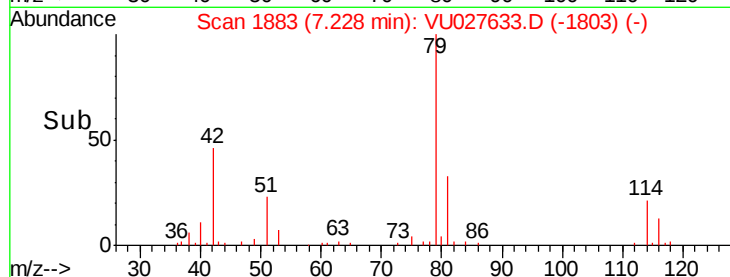
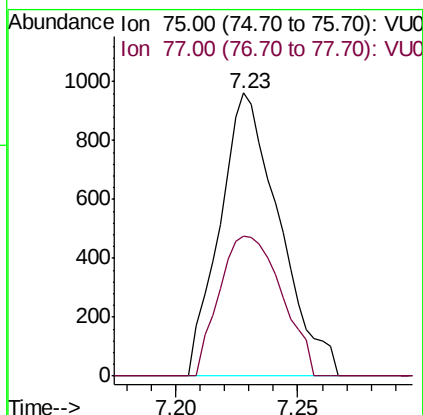
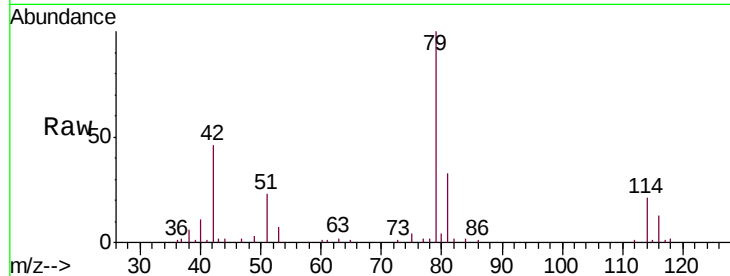


#39

cis-1,3-Dichloropropene
Concen: 0.760 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027633.D
Acq: 12 Oct 2018 18:55

Instrument :
MSVOA_U
ClientSampleId :
C0905

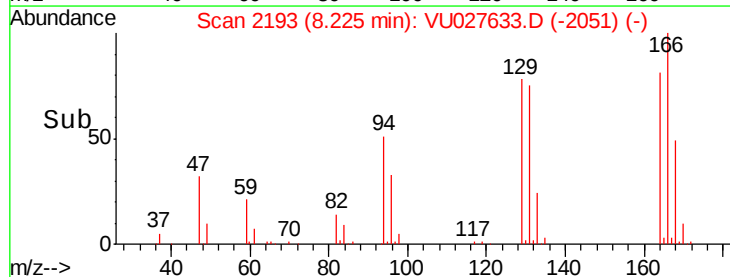
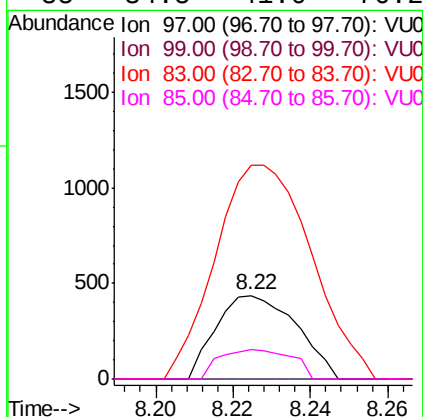
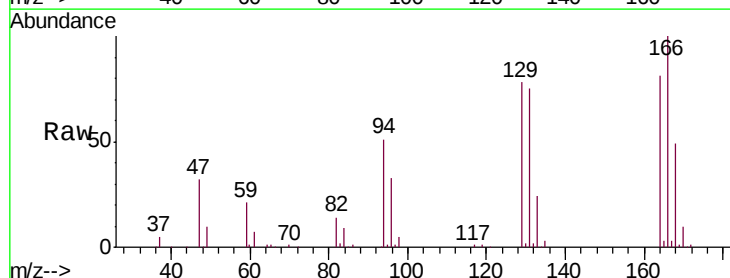
Tgt Ion: 75 Resp: 1635
Ion Ratio Lower Upper
75 100
77 49.4 22.1 41.1#

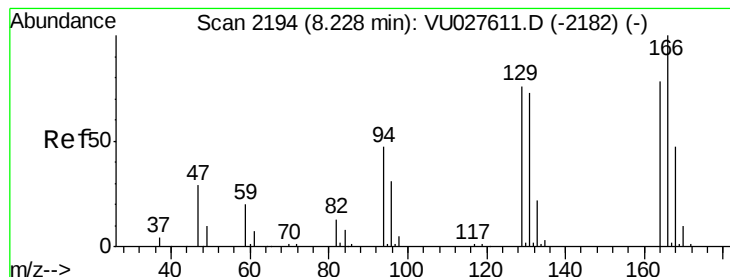


#45

1,1,2-Trichloroethane
Concen: 0.535 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.16 min
Lab File: VU027633.D
Acq: 12 Oct 2018 18:55

Tgt Ion: 97 Resp: 629
Ion Ratio Lower Upper
97 100
99 0.0 43.2 80.2#
83 254.8 64.3 119.5#
85 34.5 41.0 76.2#





#46

Tetrachloroethene

Concen: 81.140 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027633.D

Acq: 12 Oct 2018 18:55

Instrument :
MSVOA_U
ClientSampleId :
C0905

Tgt Ion:164 Resp: 73326

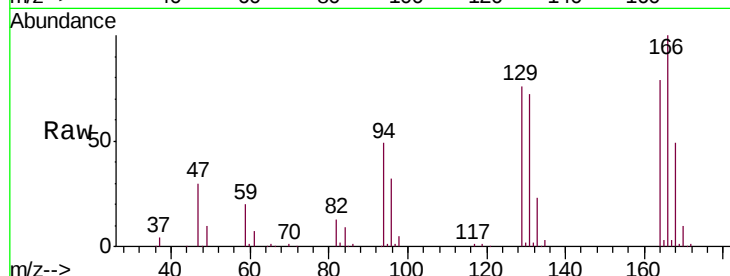
Ion Ratio Lower Upper

164 100

129 96.6 67.0 124.4

131 92.1 65.1 120.9

166 127.2 90.4 167.8

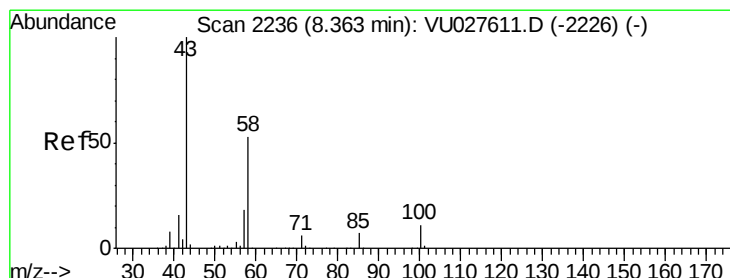
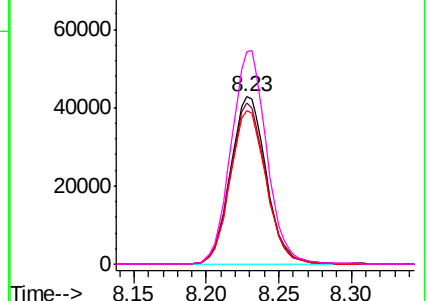
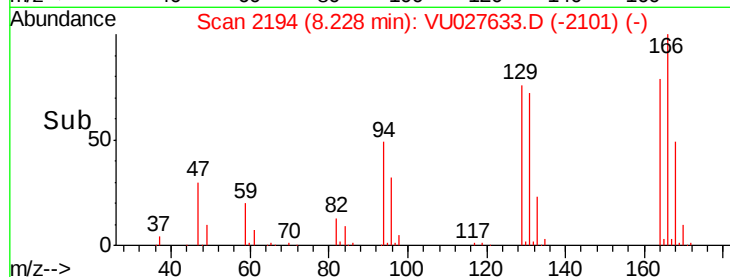


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.034 ug/L

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU027633.D

Acq: 12 Oct 2018 18:55

Tgt Ion: 43 Resp: 8527

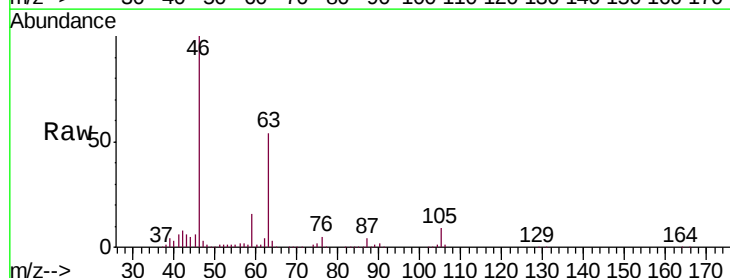
Ion Ratio Lower Upper

43 100

58 28.5 42.7 64.1#

57 28.5 14.5 21.7#

100 0.0 8.2 12.2#

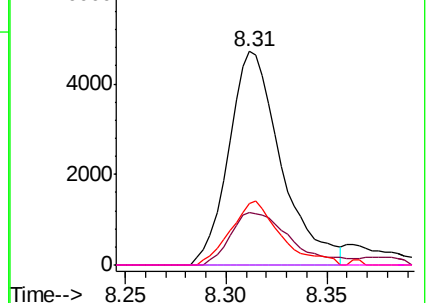
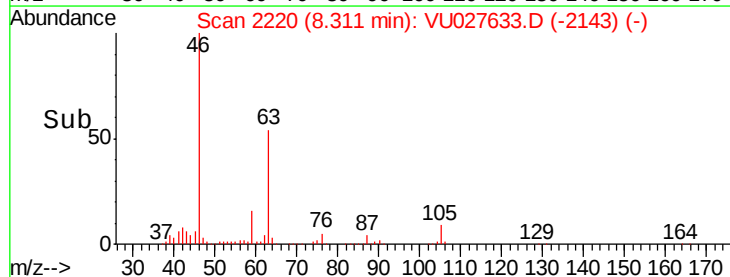


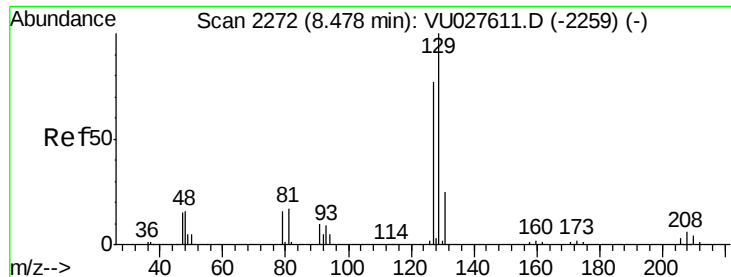
Abundance Ion 43.00 (42.70 to 43.70): VU0

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

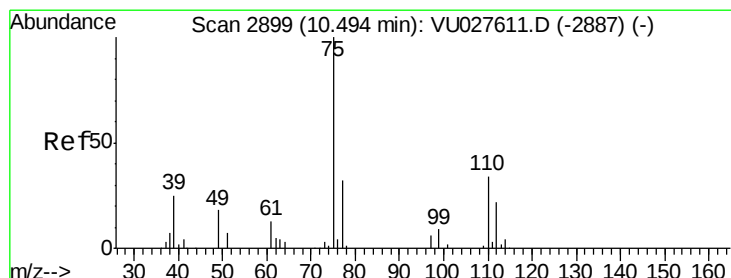
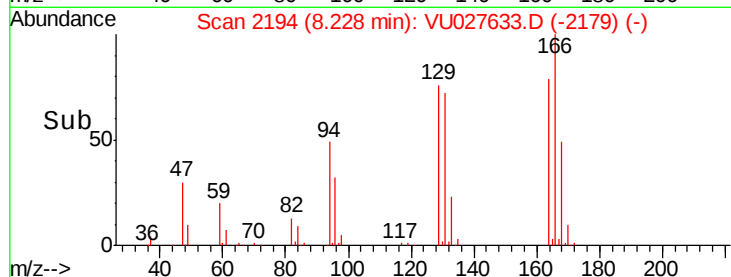
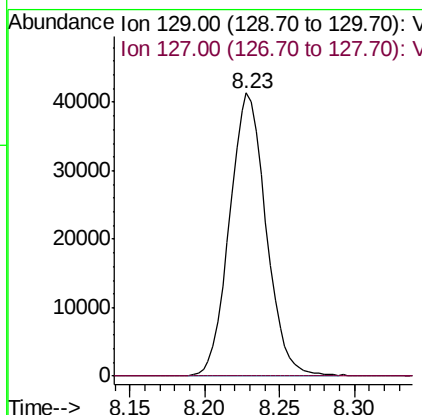
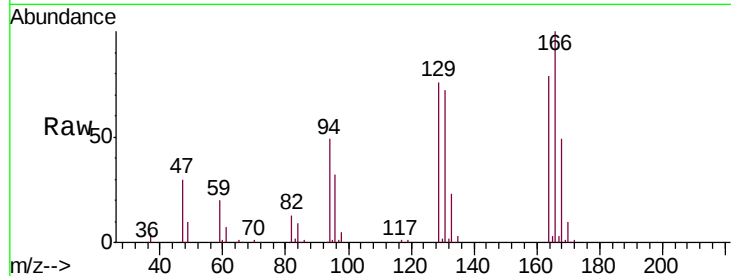




#49
 Dibromochloromethane
 Concen: 57.359 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. -0.25 min
 Lab File: VU027633.D
 Acq: 12 Oct 2018 18:55

Instrument :
 MSVOA_U
 ClientSampleId :
 C0905

Tgt Ion: 129 Resp: 70331
 Ion Ratio Lower Upper
 129 100
 127 0.0 52.7 97.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.231 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027633.D
 Acq: 12 Oct 2018 18:55

Tgt Ion: 75 Resp: 8675
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.7 38.5

