

Data File : VU027629.D
Acq On : 12 Oct 2018 17:22
Operator : MD/SY
Sample : J5403-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0901

Quant Time: Oct 13 01:42:29 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	171283	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	158734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	64031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54466	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.82%
7) Chloroethane-d5	1.68	69	44953	43.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.58%
11) 1,1-Dichloroethene-d2	2.27	63	78552	31.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.14%
21) 2-Butanone-d5	4.18	46	108527	99.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.73%
24) Chloroform-d	4.65	84	101692	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.31	65	70929	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.34	84	200356	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.08%
36) 1,2-Dichloropropane-d6	6.33	67	73365	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.16%
41) Toluene-d8	7.57	98	162785	40.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.06%
43) trans-1,3-Dichloropropene-	7.85	79	29944	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.76%
47) 2-Hexanone-d5	8.31	63	75749	96.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.25%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	94905	46.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	58669	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%

Target Compounds

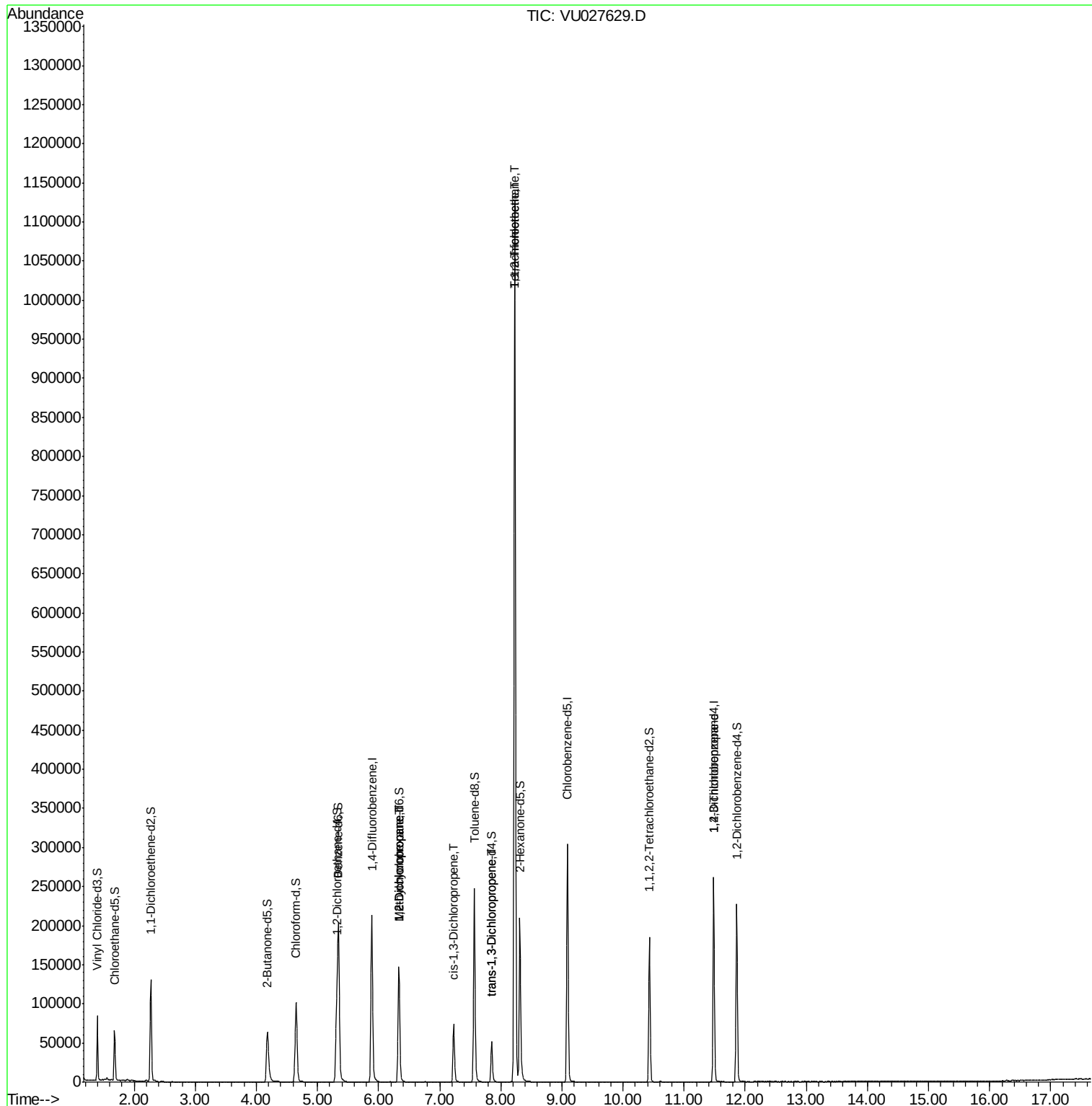
					Qvalue	
35) Methylcyclohexane	6.33	83	16128	7.399	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7640	5.055	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1589	0.716	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1145	0.555	ug/L #	76
45) 1,1,2-Trichloroethane	8.23	97	2175	1.793	ug/L #	1
46) Tetrachloroethene	8.23	164	248574	266.621	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	8445	4.936	ug/L #	84

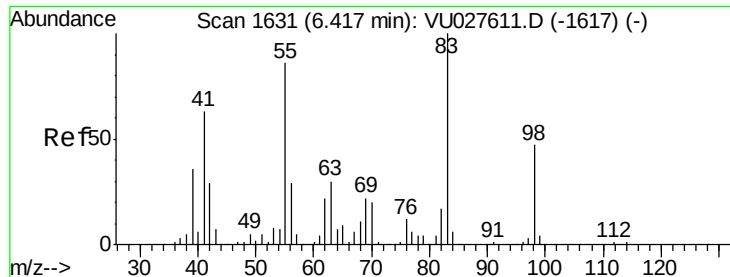
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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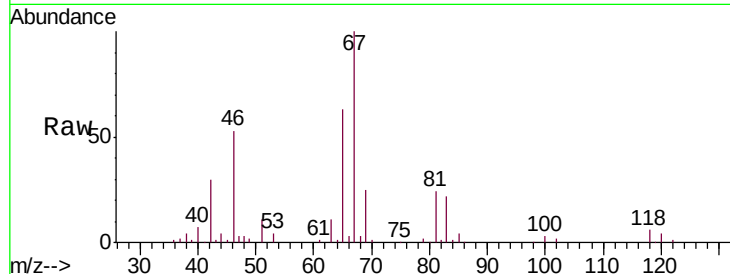




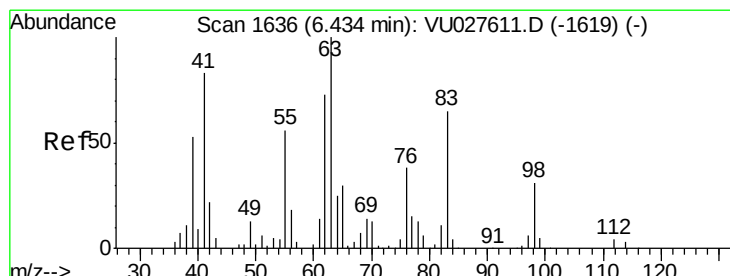
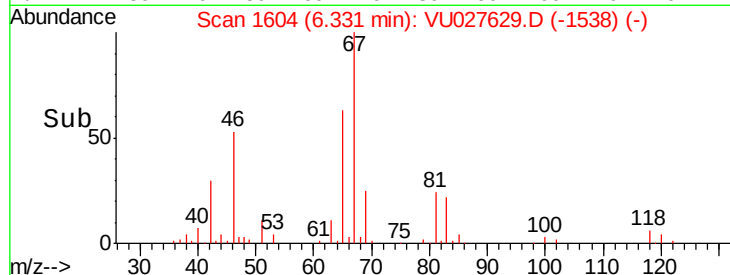
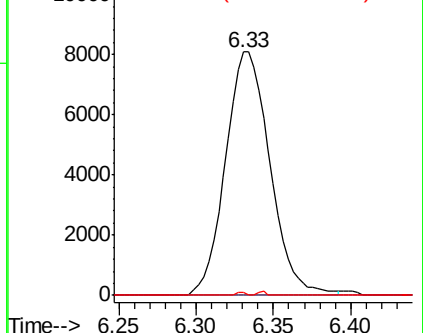
#35
Methylcyclohexane
Concen: 7.399 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU027629.D
Acq: 12 Oct 2018 17:22

Instrument :
MSVOA_U
ClientSampleId :
C0901

Tgt Ion: 83 Resp: 16128
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 0.3 37.1 55.7#

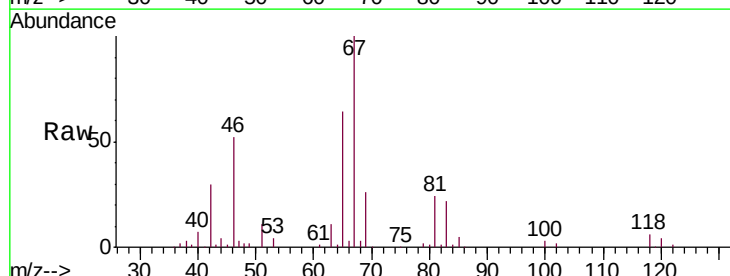


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

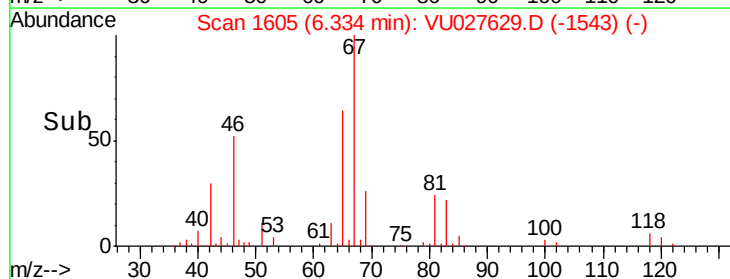
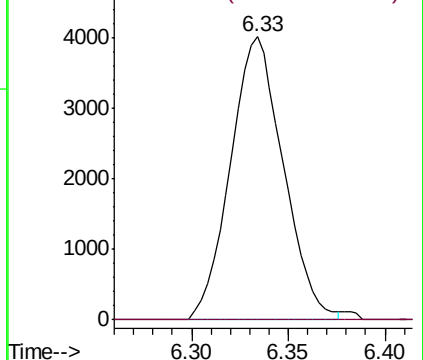


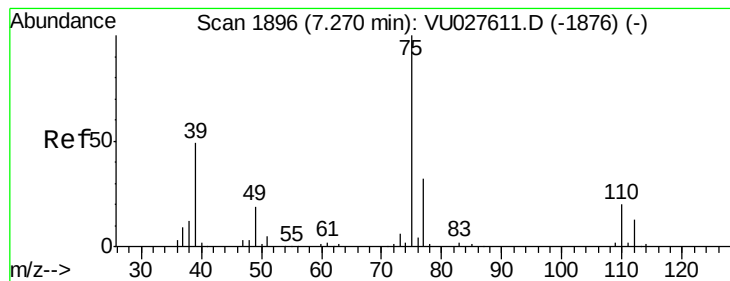
#37
1,2-Dichloropropane
Concen: 5.055 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027629.D
Acq: 12 Oct 2018 17:22

Tgt Ion: 63 Resp: 7640
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



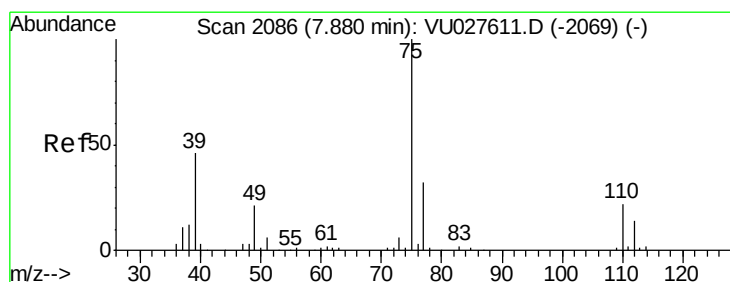
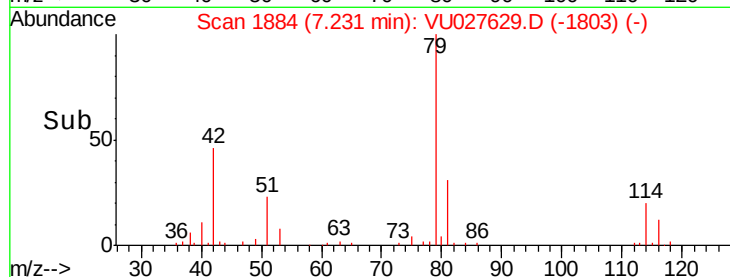
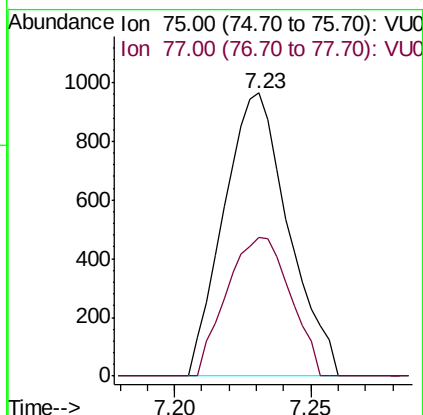
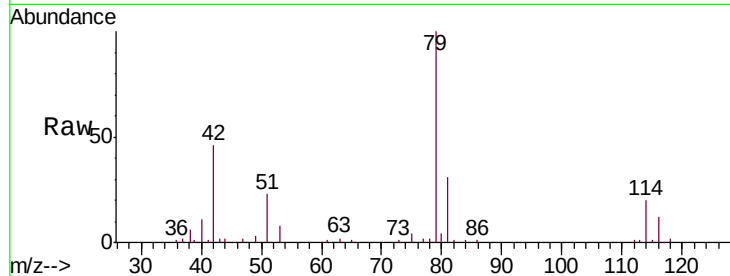


#39

cis-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027629.D
Acq: 12 Oct 2018 17:22

Instrument :
MSVOA_U
ClientSampled :
C0901

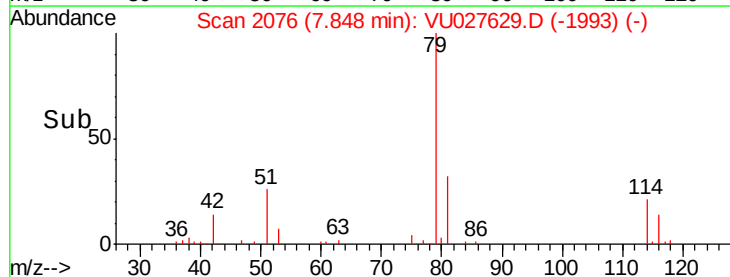
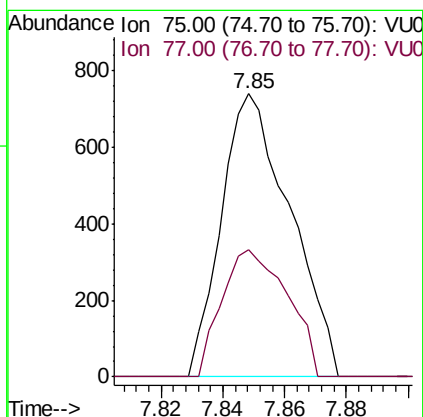
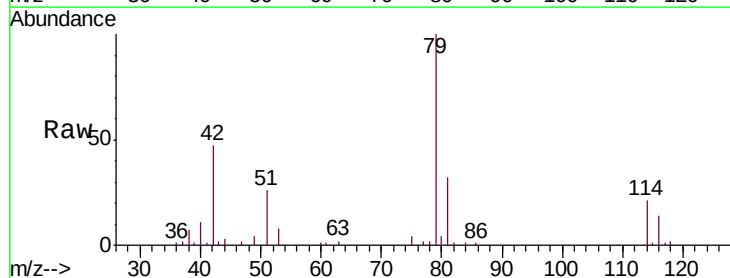
Tgt Ion: 75 Resp: 1589
Ion Ratio Lower Upper
75 100
77 49.1 22.1 41.1#

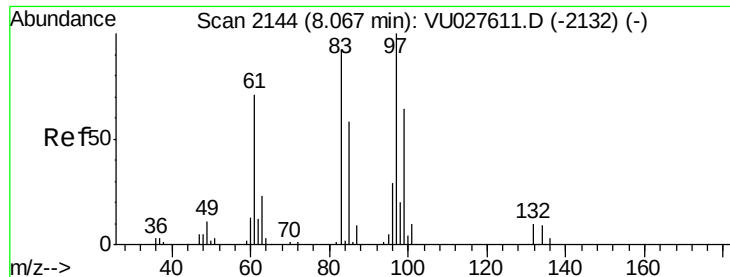


#44

trans-1,3-Dichloropropene
Concen: 0.555 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027629.D
Acq: 12 Oct 2018 17:22

Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 44.9 22.2 41.2#

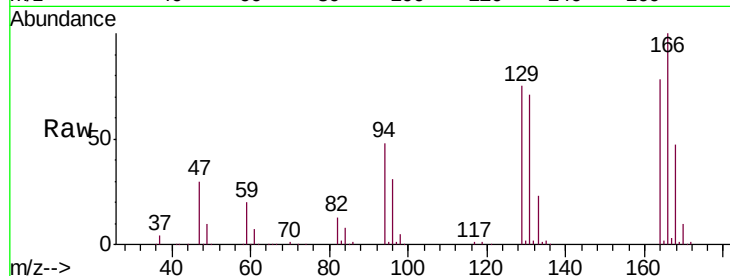




#45
 1,1,2-Trichloroethane
 Concen: 1.793 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. 0.16 min
 Lab File: VU027629.D
 Acq: 12 Oct 2018 17:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0901

Tgt Ion: 97 Resp: 2175
 Ion Ratio Lower Upper
 97 100
 99 12.5 43.2 80.2#
 83 262.2 64.3 119.5#
 85 34.4 41.0 76.2#



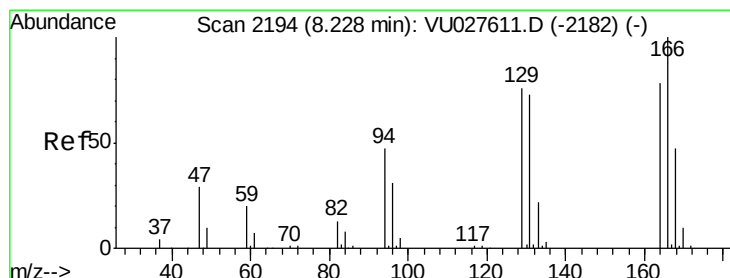
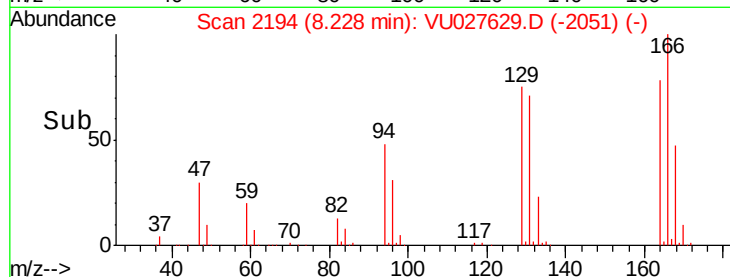
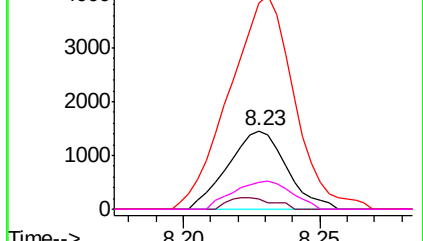
Abundance

Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

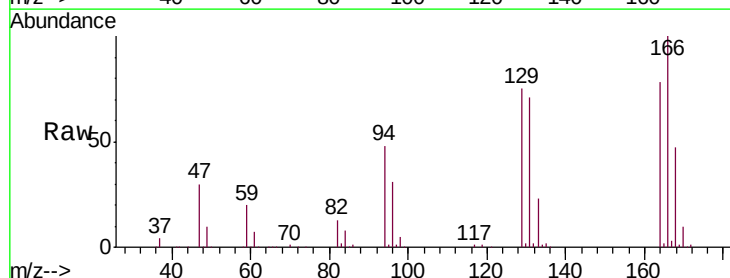
Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46
 Tetrachloroethene
 Concen: 266.621 ug/L
 RT: 8.23 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VU027629.D
 Acq: 12 Oct 2018 17:22

Tgt Ion: 164 Resp: 248574
 Ion Ratio Lower Upper
 164 100
 129 96.9 67.0 124.4
 131 91.0 65.1 120.9
 166 128.3 90.4 167.8



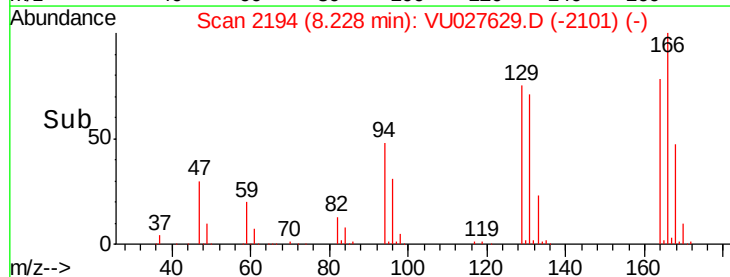
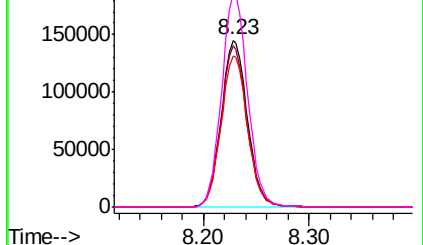
Abundance

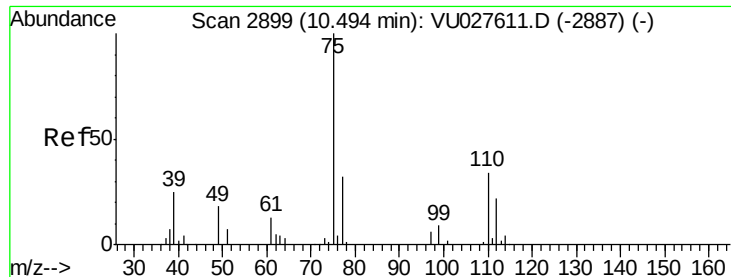
Ion 164.00 (163.70 to 164.70): V

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





#59

1,2,3-Trichloropropane

Concen: 4.936 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027629.D

Acq: 12 Oct 2018 17:22

Instrument :

MSVOA_U

ClientSampleId :

C0901

Tgt Ion: 75 Resp: 8445

Ion Ratio Lower Upper

75 100

77 41.0 25.7 38.5#

