

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101718\
 Data File : VU027682.D
 Acq On : 17 Oct 2018 16:56
 Operator : MD/SY
 Sample : J5463-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC3

Quant Time: Oct 19 07:29:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 06:41:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	83622	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	76927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	39228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27365	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.68	69	23222	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.28	63	50096	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	4.20	46	86761	45.92	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.84%
24) Chloroform-d	4.65	84	47704	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	26449	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.34	84	104020	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.33	67	36293	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.57	98	98420	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	7.85	79	14038	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.31	63	75561	47.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26453	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	36204	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

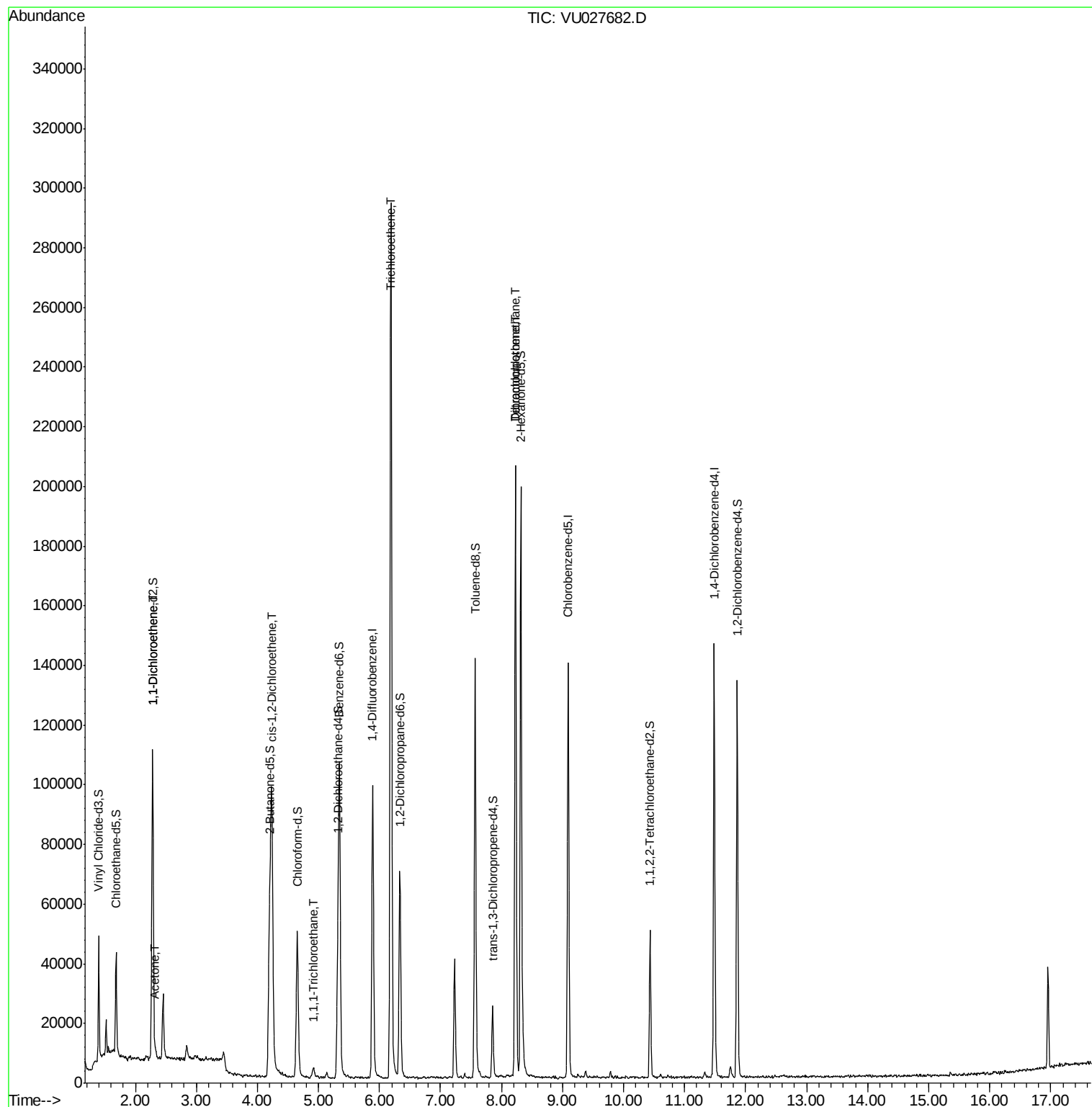
					Ovalue
12) 1,1-Dichloroethene	2.29	96	18210	3.218 ug/L	92
13) Acetone	2.32	43	2033	1.682 ug/L	85
22) cis-1,2-Dichloroethene	4.23	96	20718	3.111 ug/L #	93
29) 1,1,1-Trichloroethane	4.92	97	3037	0.322 ug/L	97
34) Trichloroethene	6.19	95	107012	16.422 ug/L	99
47) Tetrachloroethene	8.23	164	48112	9.248 ug/L	97
49) Dibromochloromethane	8.23	129	44210	7.653 ug/L #	11

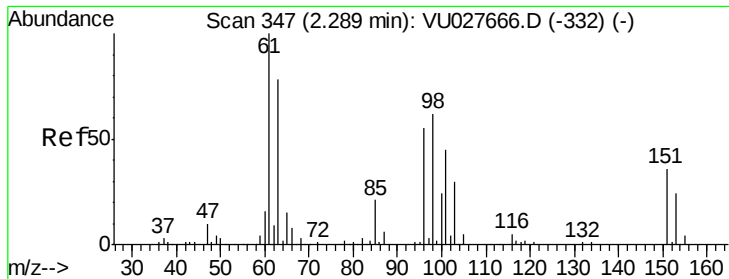
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.218 ug/L

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027682.D

Acq: 17 Oct 2018 16:56

Instrument :

MSVOA_U

ClientSampleId :

C0JC3

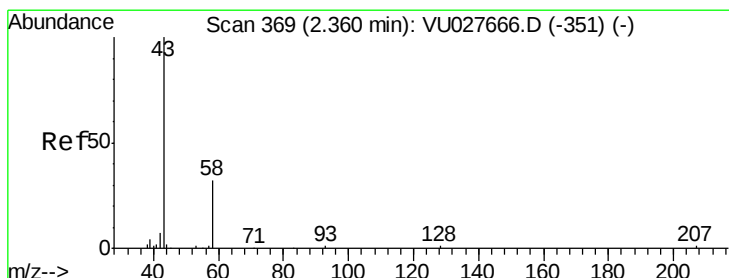
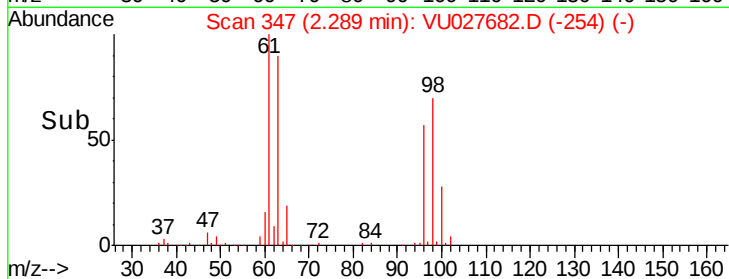
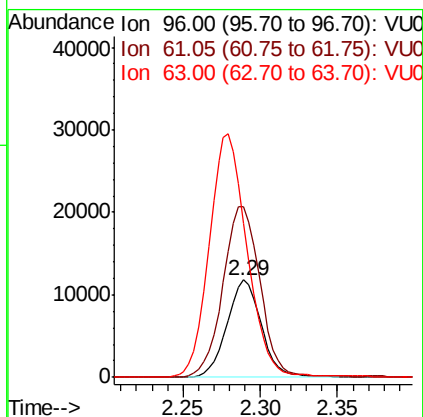
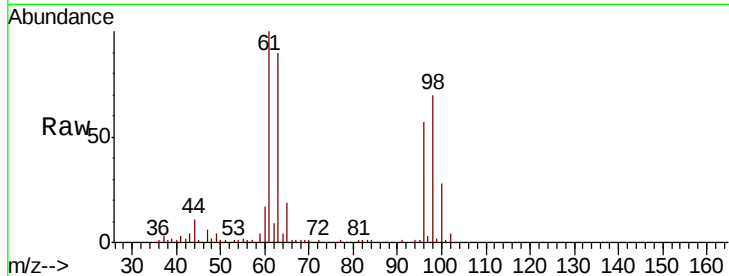
Tot Ion: 96 Resp: 18210

Ion Ratio Lower Upper

96 100

61 176.3 125.6 233.2

63 158.8 97.6 181.2



#13

Acetone

Concen: 1.682 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU027682.D

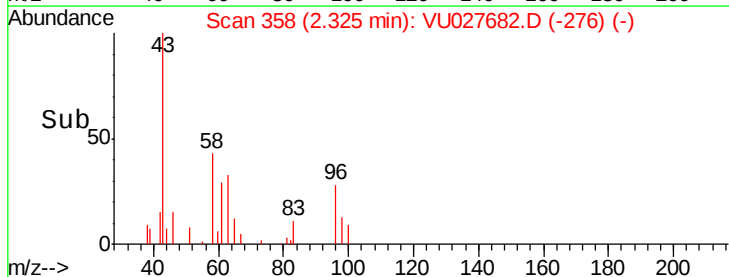
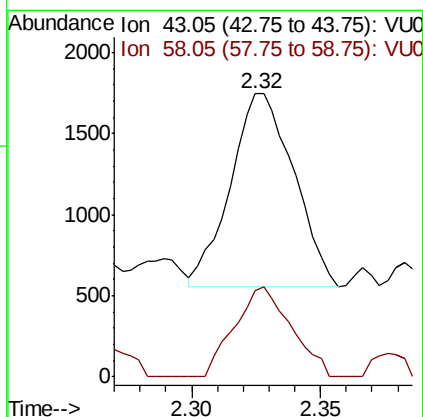
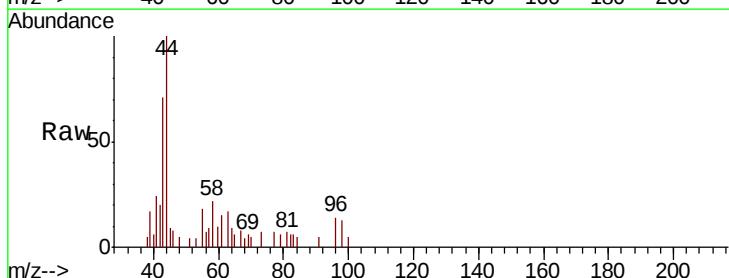
Acq: 17 Oct 2018 16:56

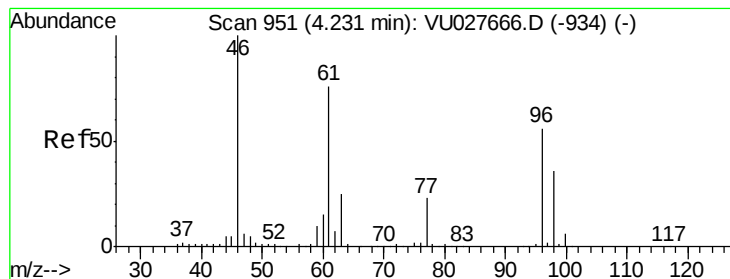
Tgt Ion: 43 Resp: 2033

Ion Ratio Lower Upper

43 100

58 41.8 0.0 66.4



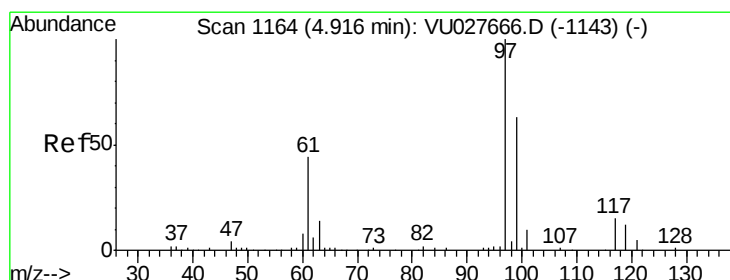
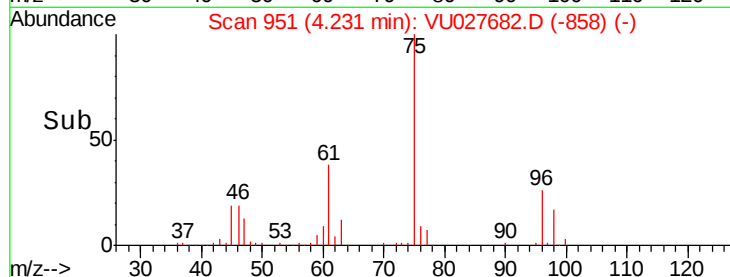
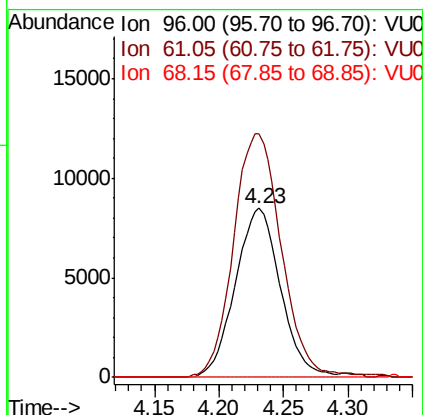
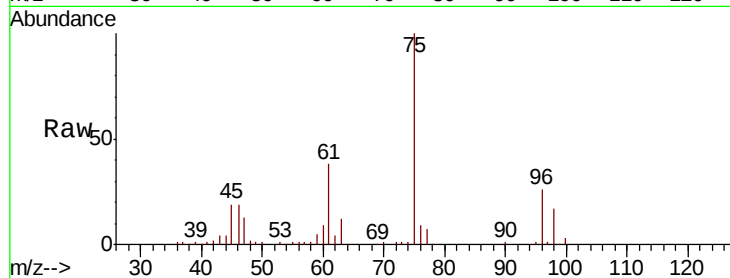


#22

cis-1,2-Dichloroethene
 Concen: 3.111 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027682.D
 Acq: 17 Oct 2018 16:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC3

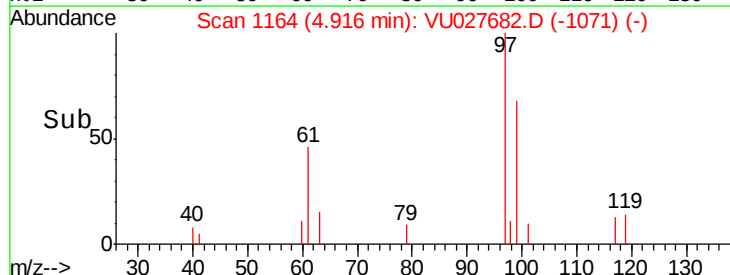
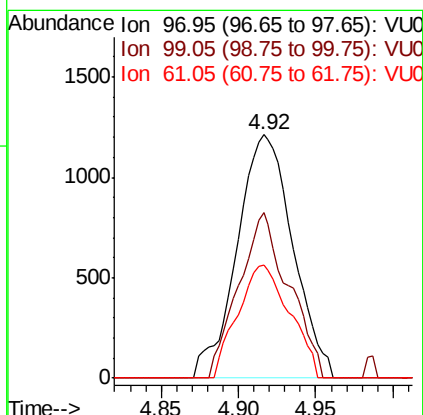
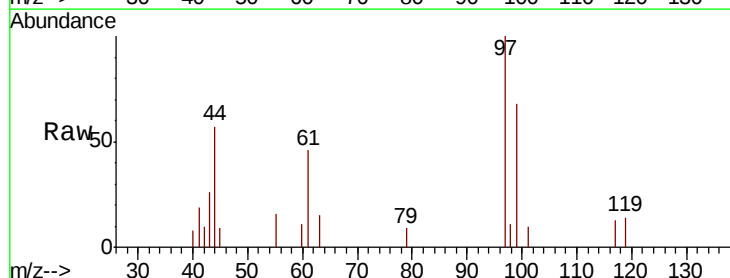
Tot Ion: 96 Resp: 20718
 Ion Ratio Lower Upper
 96 100
 61 144.1 95.3 176.9
 68 0.0 1.1 2.1#

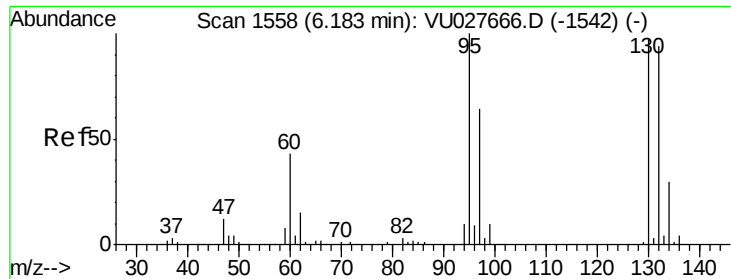


#29

1,1,1-Trichloroethane
 Concen: 0.322 ug/L
 RT: 4.92 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: VU027682.D
 Acq: 17 Oct 2018 16:56

Tgt Ion: 97 Resp: 3037
 Ion Ratio Lower Upper
 97 100
 99 61.1 51.4 77.2
 61 43.3 35.7 53.5





#34

Trichloroethene

Concen: 16.422 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027682.D

Acq: 17 Oct 2018 16:56

Instrument :

MSVOA_U

ClientSampleId :

C0JC3

Tot Ion: 95 Resp: 107012

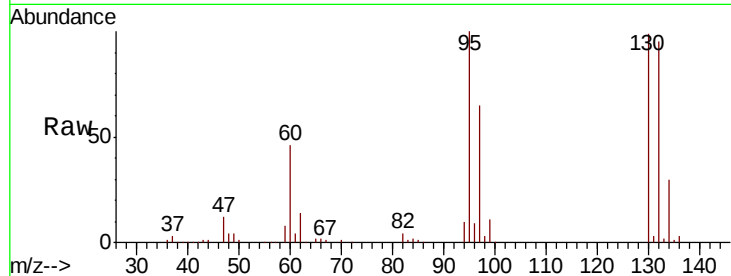
Ion Ratio Lower Upper

95 100

97 64.9 44.7 83.1

132 94.5 65.9 122.5

130 98.7 67.9 126.1

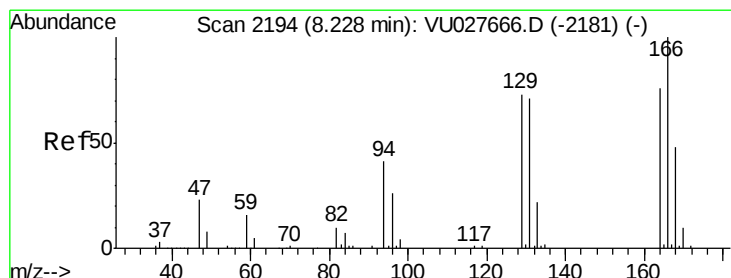
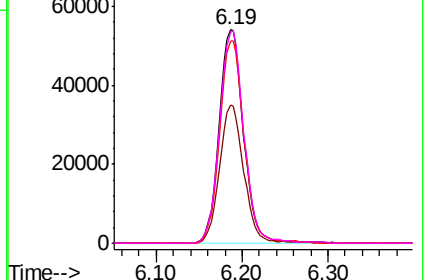
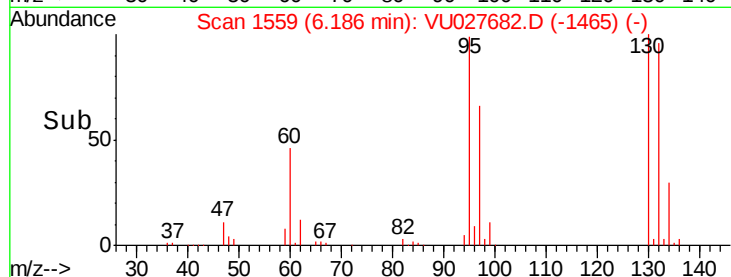


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 9.248 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027682.D

Acq: 17 Oct 2018 16:56

Tgt Ion: 164 Resp: 48112

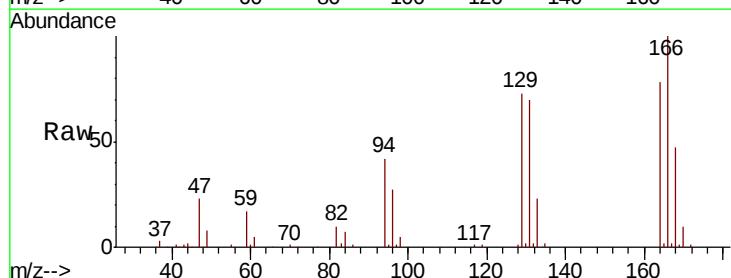
Ion Ratio Lower Upper

164 100

129 92.7 67.3 124.9

131 89.0 64.8 120.3

166 127.8 91.8 170.4

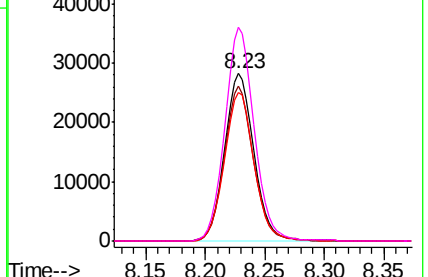
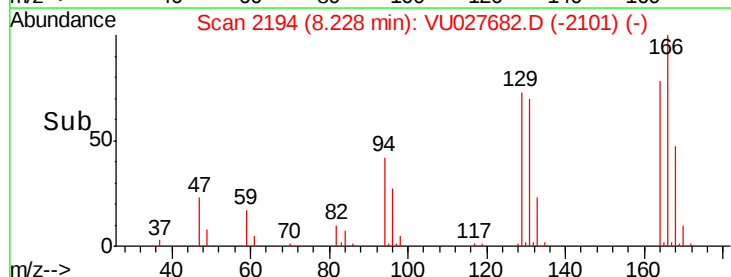


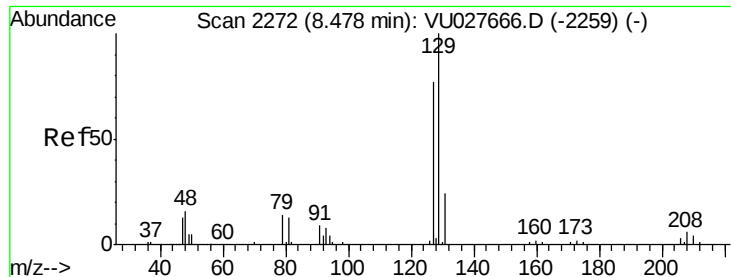
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#49

Dibromochloromethane

Concen: 7.653 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027682.D

Acq: 17 Oct 2018 16:56

Instrument :

MSVOA_U

ClientSampleId :

C0JC3

Tot Ion:129 Resp: 44210

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

