

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027687.D
 Acq On : 17 Oct 2018 19:20
 Operator : MD/SY
 Sample : J5463-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC1

Quant Time: Oct 19 07:49:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 10:16:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	80994	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	75658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38048	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24656	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.68	69	20693	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.28	63	42058	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	4.20	46	85902	46.94	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.88%
24) Chloroform-d	4.65	84	45799	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	24473	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
32) Benzene-d6	5.34	84	96929	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	33560	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.57	98	88307	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.85	79	13292	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.31	63	73159	47.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24850	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	33077	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

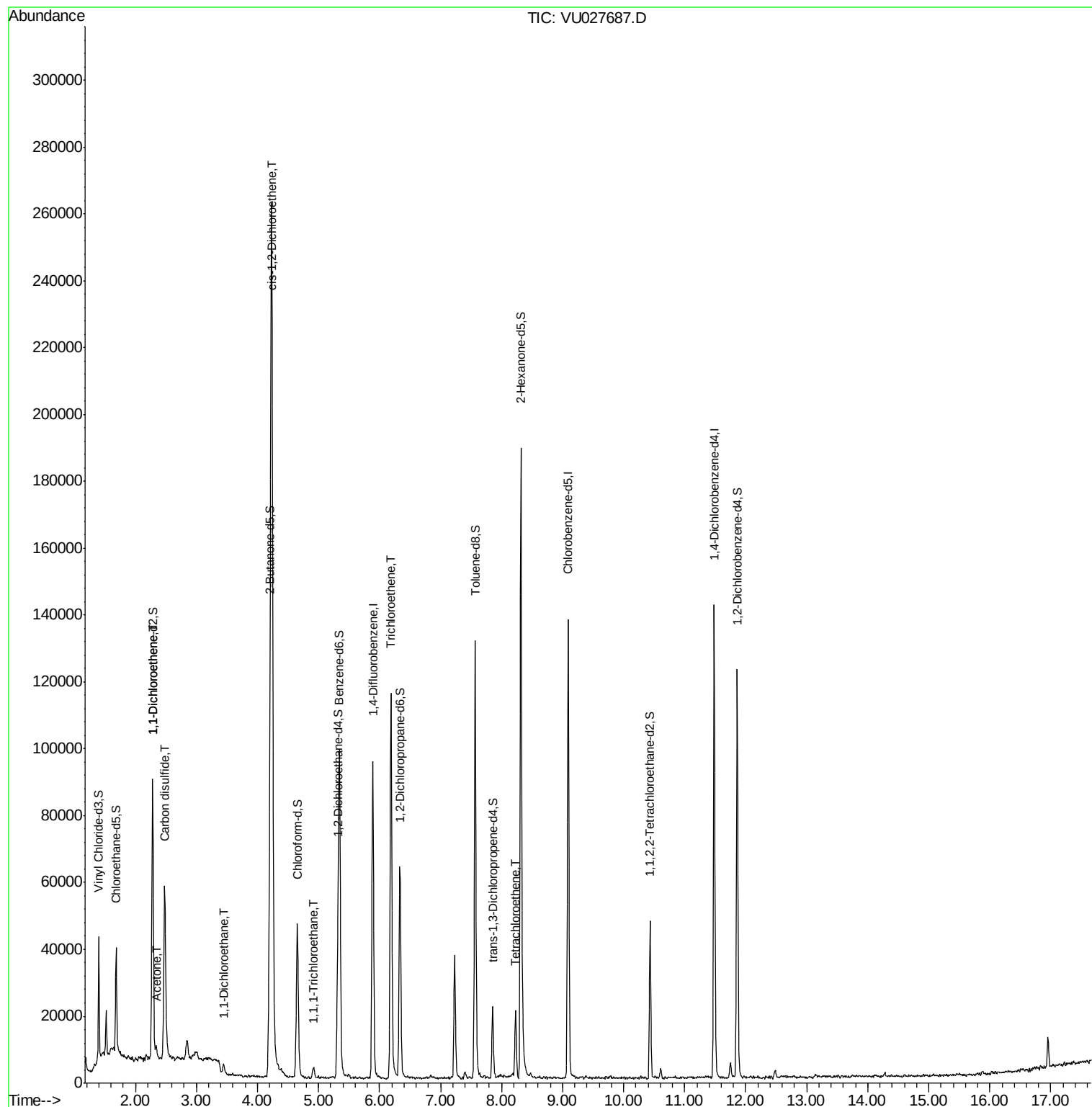
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.29	96	11867	2.165	ug/L	# 58
13) Acetone	2.33	43	2517	2.151	ug/L	94
14) Carbon disulfide	2.48	76	39444	2.078	ug/L	98
19) 1,1-Dichloroethane	3.45	63	3168	0.273	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	102085	15.829	ug/L	93
29) 1,1,1-Trichloroethane	4.92	97	2796	0.301	ug/L	94
34) Trichloroethene	6.19	95	41737	6.512	ug/L	94
47) Tetrachloroethene	8.23	164	4817	0.941	ug/L	97

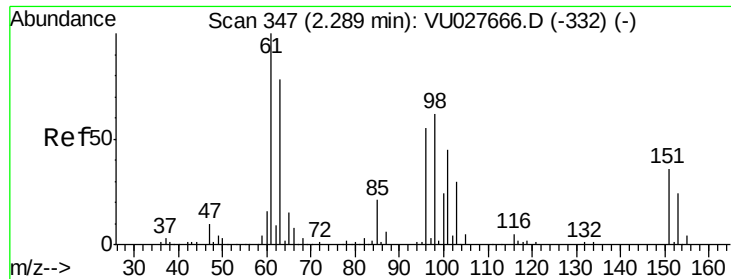
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.165 ug/L

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027687.D

Acq: 17 Oct 2018 19:20

Instrument :

MSVOA_U

ClientSampleId :

C0JC1

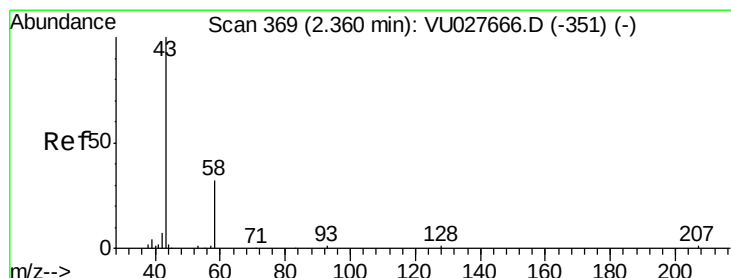
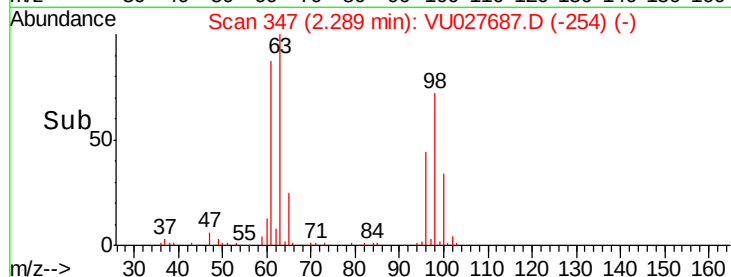
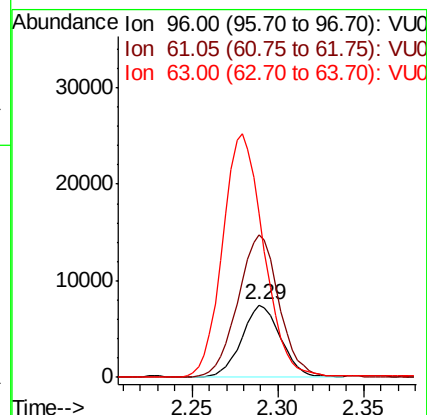
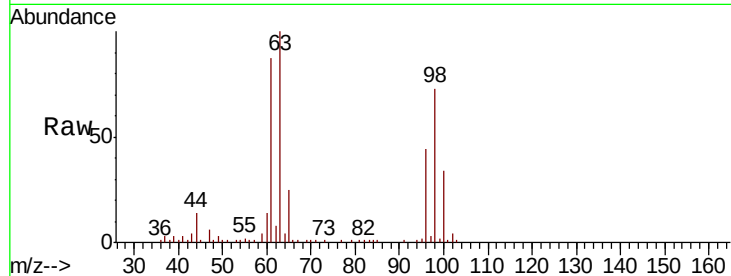
Tot Ion: 96 Resp: 11867

Ion Ratio Lower Upper

96 100

61 197.6 126.6 235.2

63 227.4 91.3 169.5#



#13

Acetone

Concen: 2.151 ug/L

RT: 2.33 min Scan# 361

Delta R.T. -0.03 min

Lab File: VU027687.D

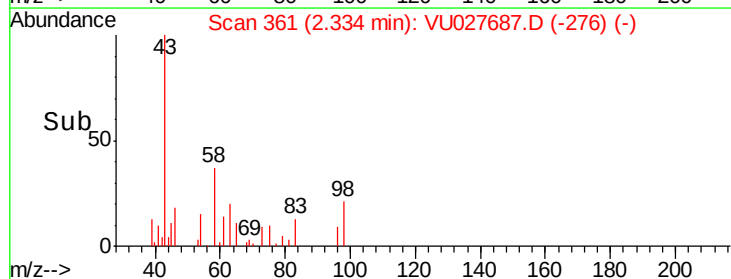
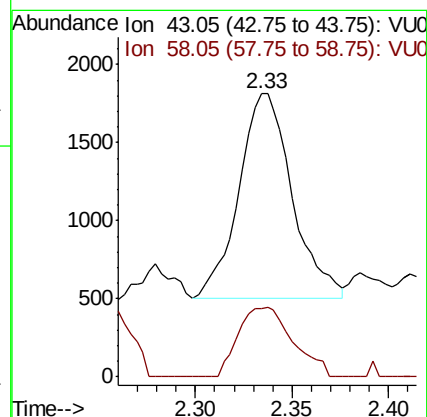
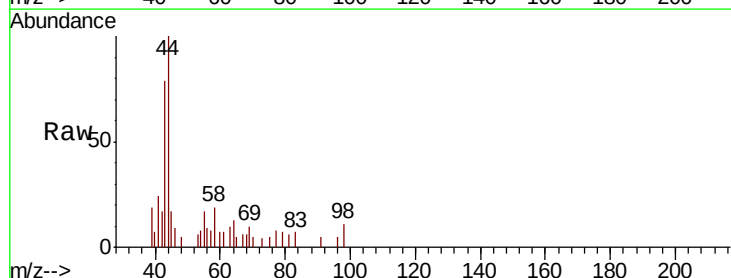
Acq: 17 Oct 2018 19:20

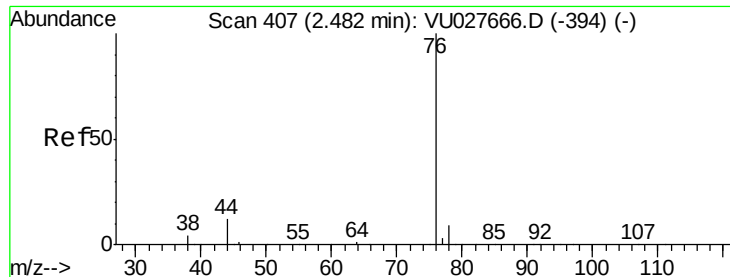
Tgt Ion: 43 Resp: 2517

Ion Ratio Lower Upper

43 100

58 34.8 0.0 63.0





#14

Carbon disulfide

Concen: 2.078 ug/L

RT: 2.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: VU027687.D

Acq: 17 Oct 2018 19:20

Instrument :

MSVOA_U

ClientSampleId :

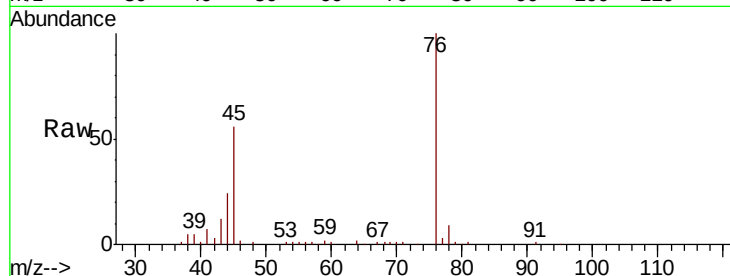
C0JC1

Tot Ion: 76 Resp: 39444

Ion Ratio Lower Upper

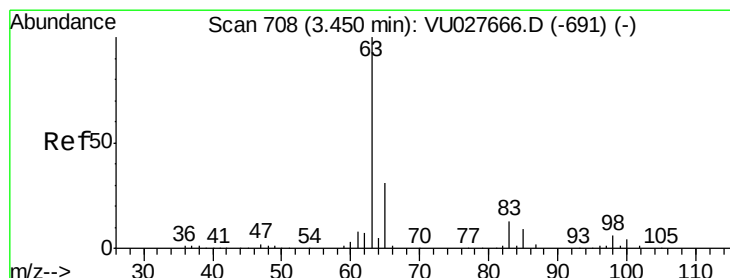
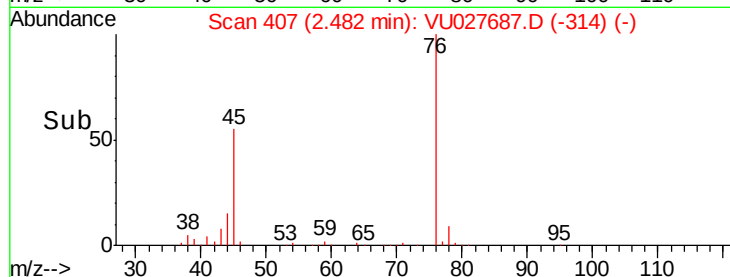
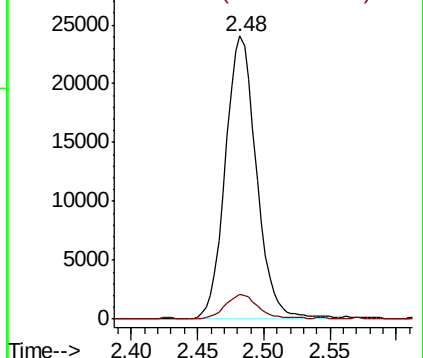
76 100

78 8.6 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#19

1,1-Dichloroethane

Concen: 0.273 ug/L

RT: 3.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: VU027687.D

Acq: 17 Oct 2018 19:20

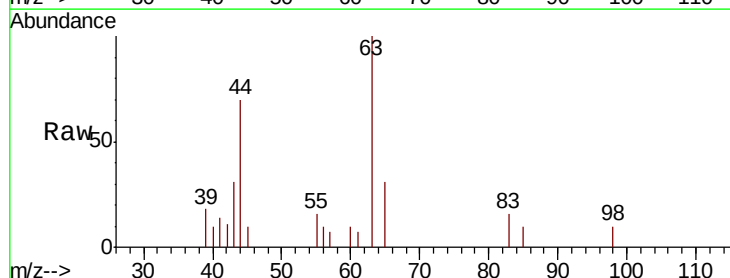
Tgt Ion: 63 Resp: 3168

Ion Ratio Lower Upper

63 100

65 31.4 21.7 40.3

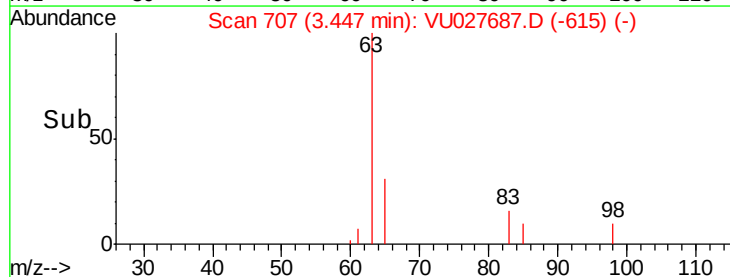
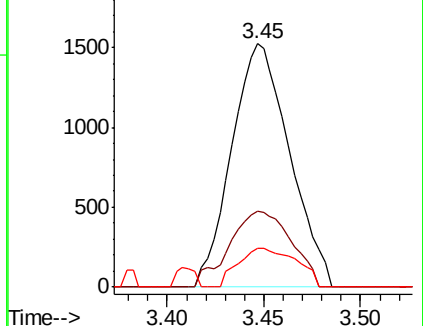
83 15.9 9.0 16.6

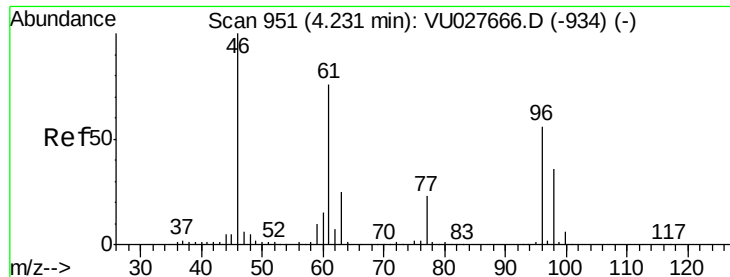


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



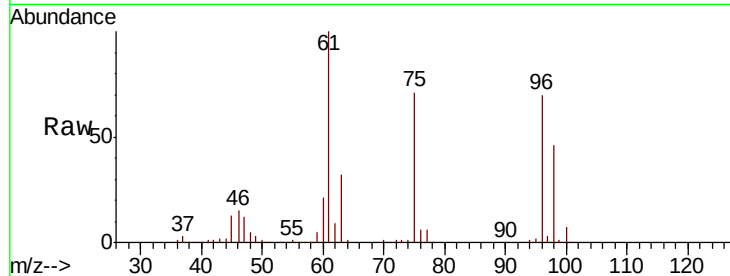


#22

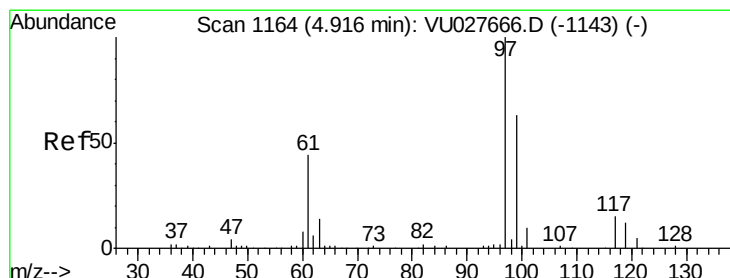
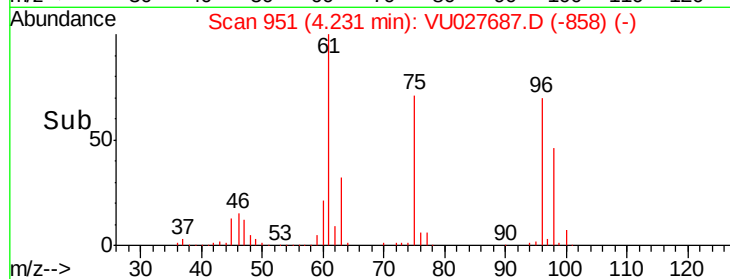
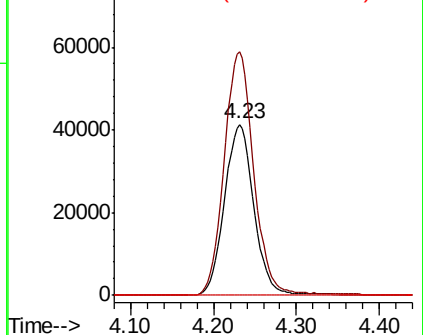
cis-1,2-Dichloroethene
 Concen: 15.829 ug/L
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027687.D
 Acq: 17 Oct 2018 19:20

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC1

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	94.4	175.2
68	0.0	0.0	0.0



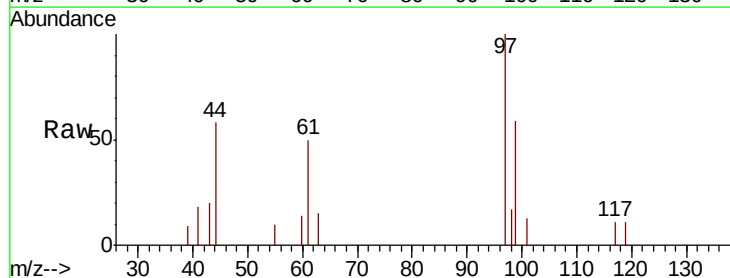
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



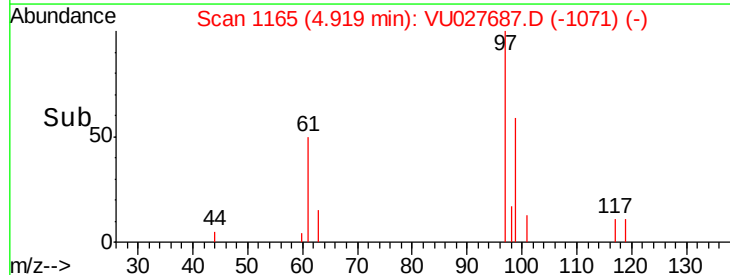
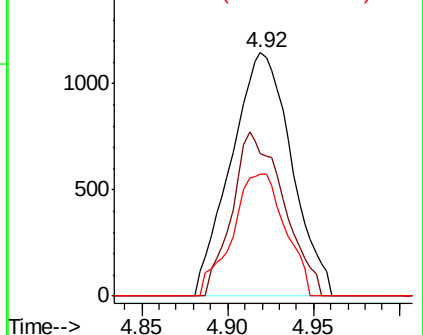
#29

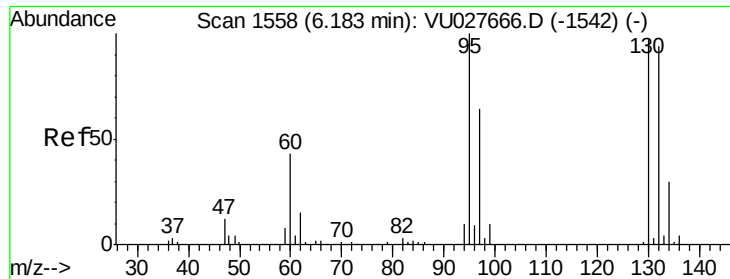
1,1,1-Trichloroethane
 Concen: 0.301 ug/L
 RT: 4.92 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: VU027687.D
 Acq: 17 Oct 2018 19:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	57.6	51.5	77.3
61	43.8	36.6	54.8



Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0





#34

Trichloroethene

Concen: 6.512 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VU027687.D

Acq: 17 Oct 2018 19:20

Instrument :

MSVOA_U

ClientSampleId :

C0JC1

Tot Ion: 95 Resp: 41737

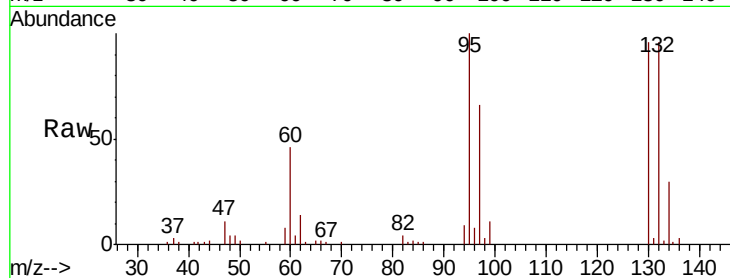
Ion Ratio Lower Upper

95 100

97 65.6 45.1 83.9

132 96.4 72.0 133.8

130 96.4 73.1 135.7

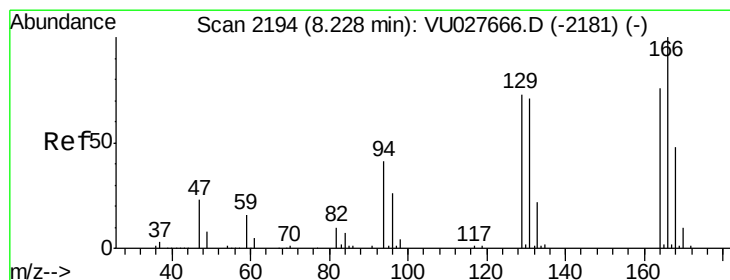
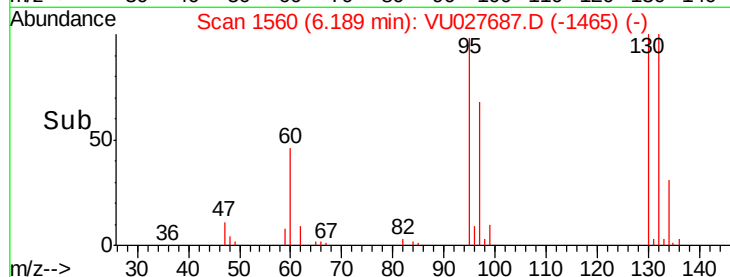
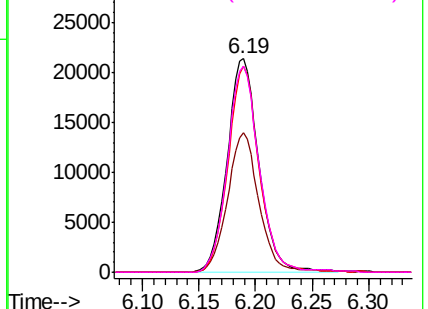


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.941 ug/L

RT: 8.23 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VU027687.D

Acq: 17 Oct 2018 19:20

Tgt Ion:164 Resp: 4817

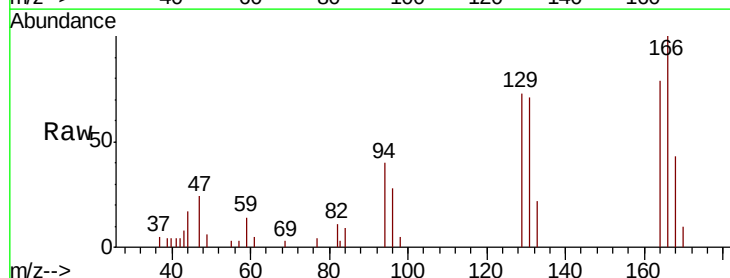
Ion Ratio Lower Upper

164 100

129 92.8 64.8 120.3

131 89.6 61.4 114.0

166 127.0 92.6 172.0



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

