

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101818\
 Data File : VU027702.D
 Acq On : 18 Oct 2018 16:27
 Operator : MD/SY
 Sample : J5463-03RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB4RE

Quant Time: Oct 19 09:11:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	74920	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	69137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	34454	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29999	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.68	69	22768	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.28	63	39069	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.20	46	81394	48.08	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	4.65	84	45537	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	25533	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.34	84	100649	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.33	67	33758	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.57	98	92417	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.85	79	13457	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.31	63	69882	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23362	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	32874	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

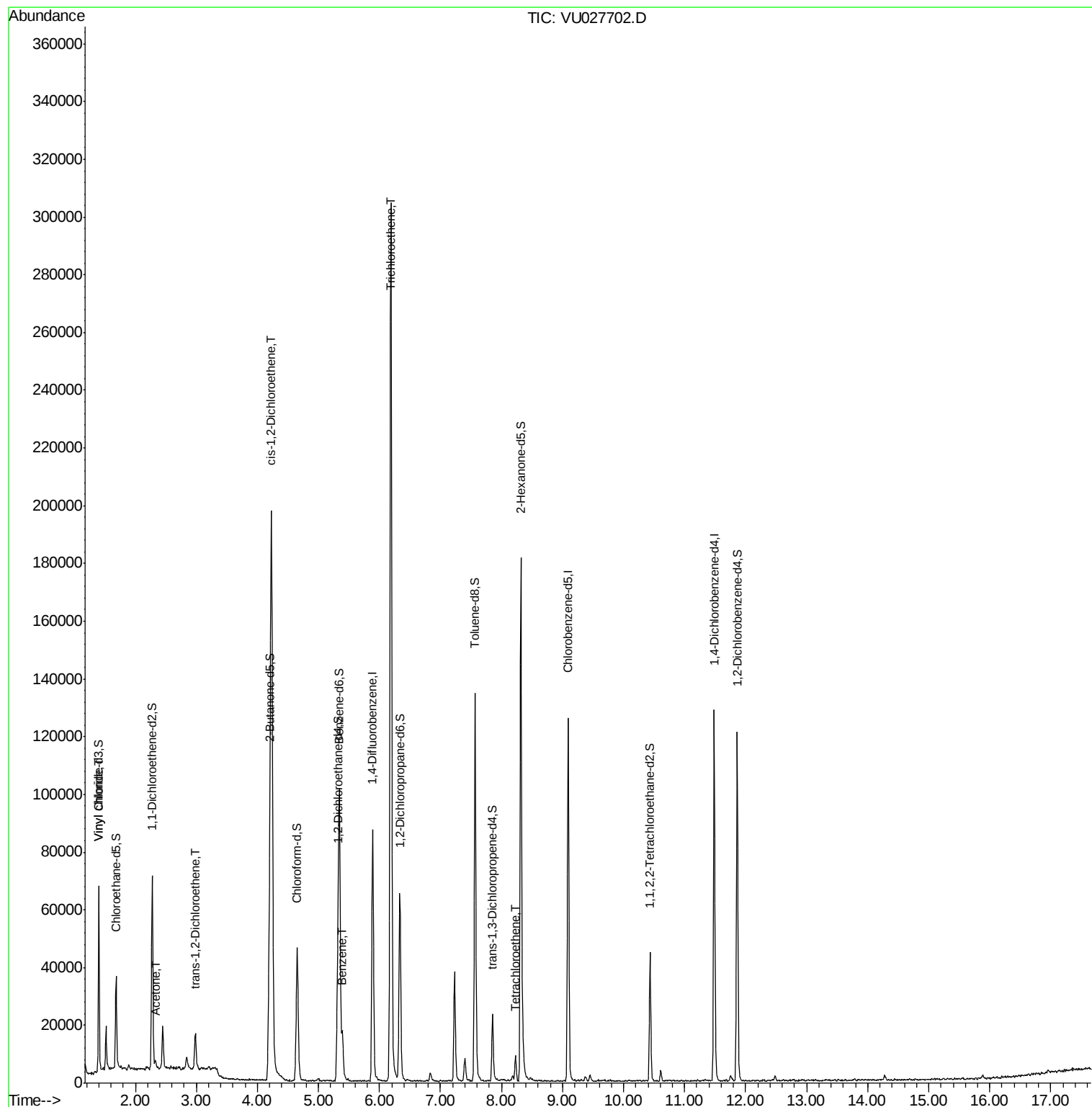
					Ovalue
5) Vinyl chloride	1.40	62	13843	1.893 ug/L	98
13) Acetone	2.32	43	1957	1.808 ug/L	95
18) trans-1,2-Dichloroethene	2.98	96	4618	0.857 ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	86755	14.542 ug/L #	95
33) Benzene	5.39	78	14765	0.653 ug/L	100
34) Trichloroethene	6.19	95	109376	18.676 ug/L	99
47) Tetrachloroethene	8.23	164	2040	0.436 ug/L	93

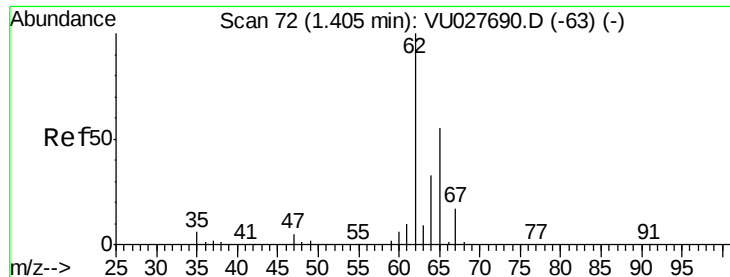
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.893 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027702.D

Acq: 18 Oct 2018 16:27

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MSVOA_U

ClientSampleId :

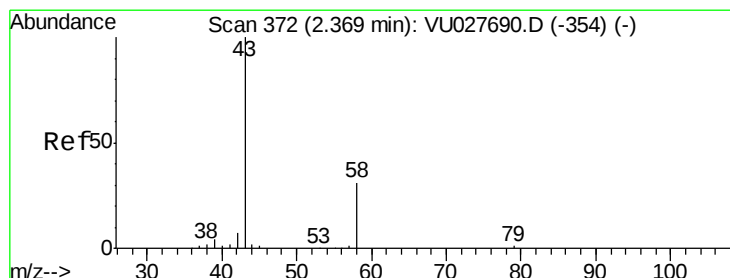
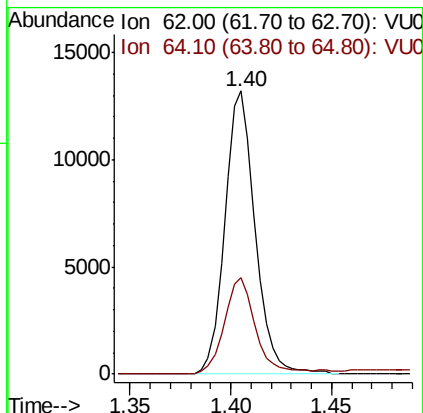
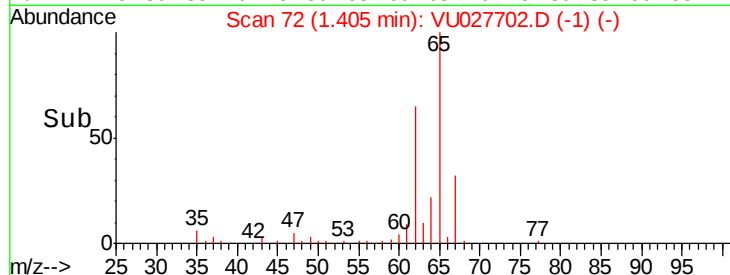
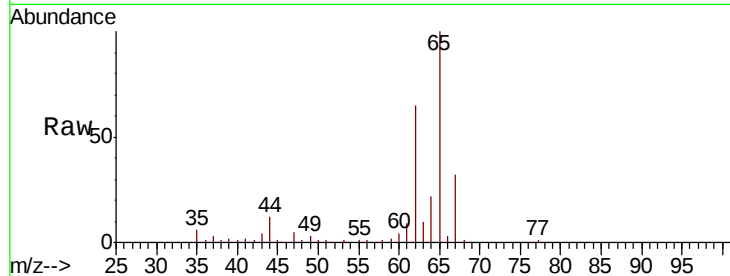
C0JB4RE

Tot Ion: 62 Resp: 13843

Ion Ratio Lower Upper

62 100

64 33.9 22.9 42.5



#13

Acetone

Concen: 1.808 ug/L

RT: 2.32 min Scan# 358

Delta R.T. -0.04 min

Lab File: VU027702.D

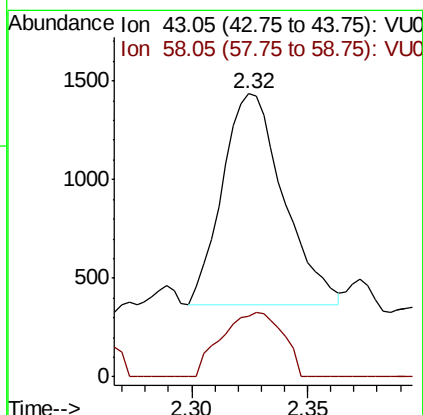
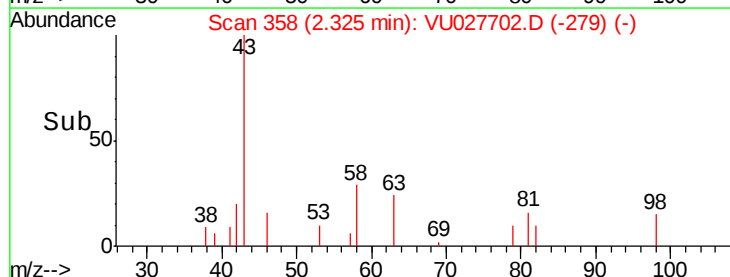
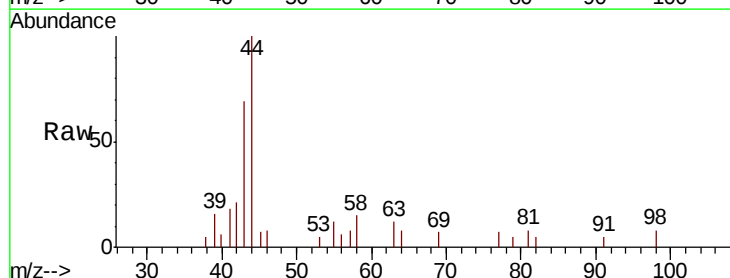
Acq: 18 Oct 2018 16:27

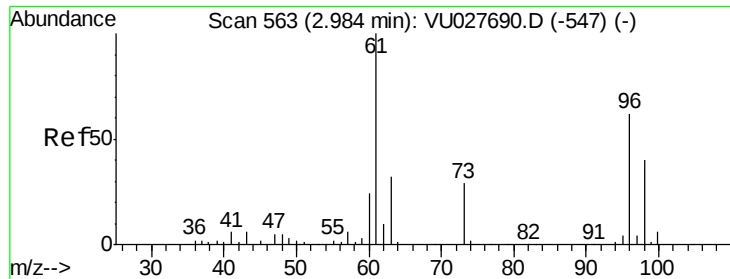
Tgt Ion: 43 Resp: 1957

Ion Ratio Lower Upper

43 100

58 30.5 0.0 66.4

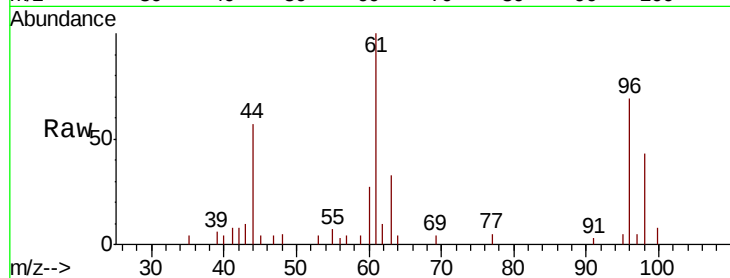




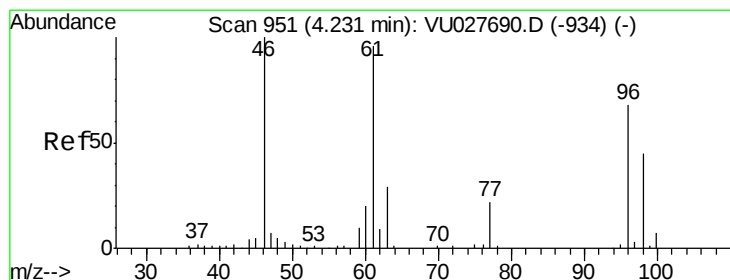
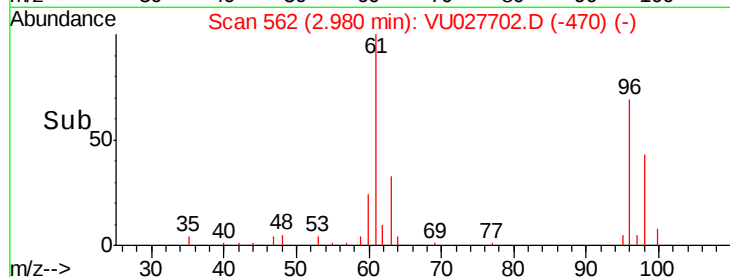
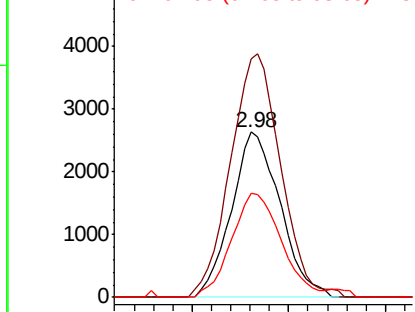
#18
trans-1,2-Dichloroethene
Concen: 0.857 ug/L
RT: 2.98 min Scan# 562
Delta R.T. -0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Instrument :
MSVOA_U
ClientSampleId :
C0JB4RE

Tot Ion: 96 Resp: 4618
Ion Ratio Lower Upper
96 100
61 144.7 105.8 196.4
98 62.8 43.6 81.0

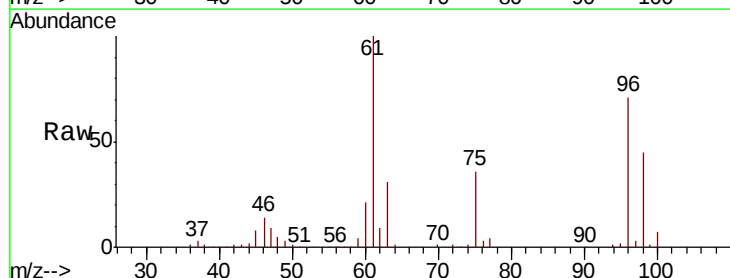


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0

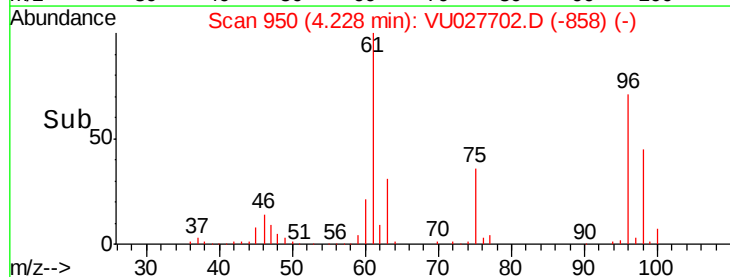
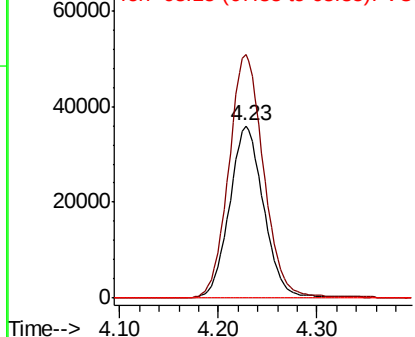


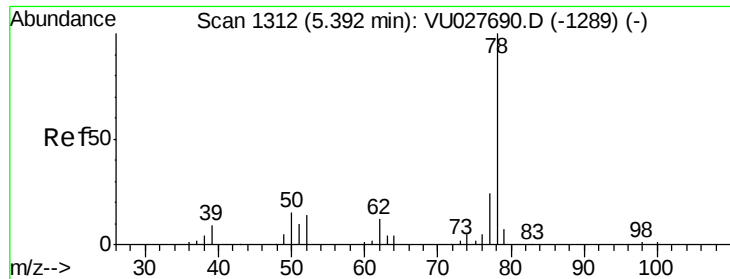
#22
cis-1,2-Dichloroethene
Concen: 14.542 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027702.D
Acq: 18 Oct 2018 16:27

Tgt Ion: 96 Resp: 86755
Ion Ratio Lower Upper
96 100
61 141.6 95.3 176.9
68 0.0 1.1 2.1#



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





#33

Benzene

Concen: 0.653 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027702.D

Acq: 18 Oct 2018 16:27

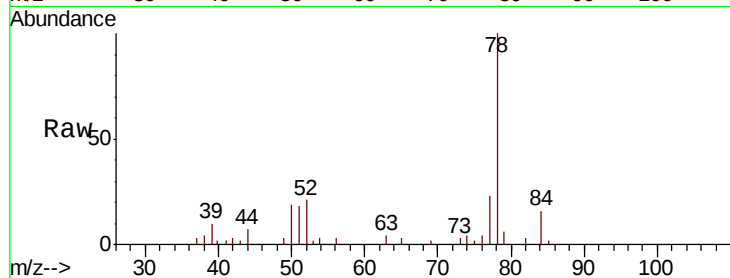
Instrument :

MSVOA_U

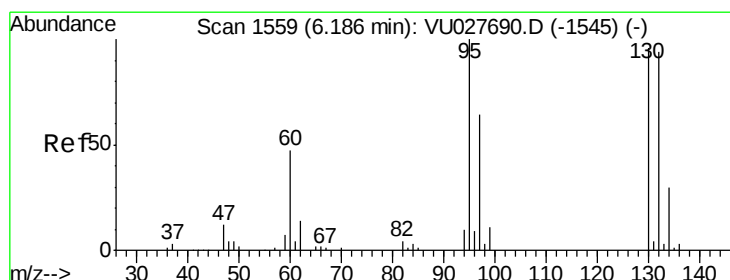
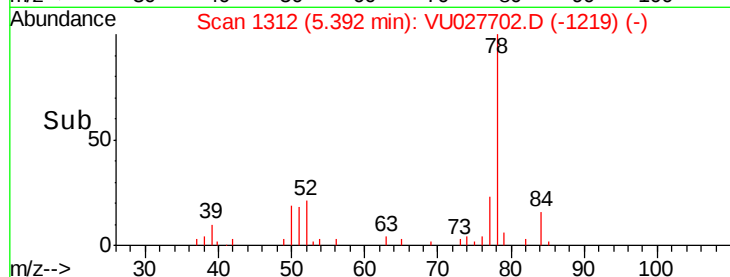
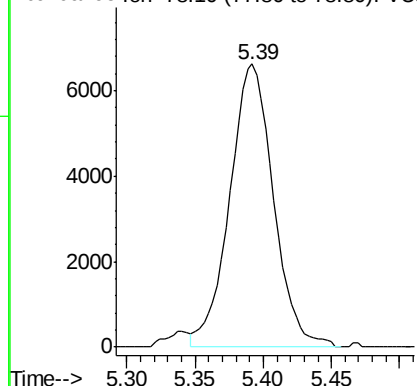
ClientSampleId :

C0JB4RE

Tgt Ion: 78 Resp: 14765



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 18.676 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027702.D

Acq: 18 Oct 2018 16:27

Tgt Ion: 95 Resp: 109376

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.7	83.1
132	93.3	65.9	122.5
130	98.0	67.9	126.1

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

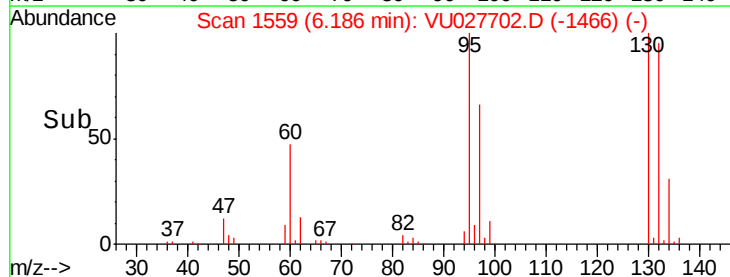
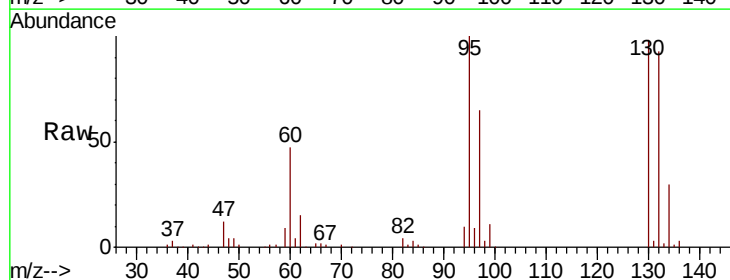
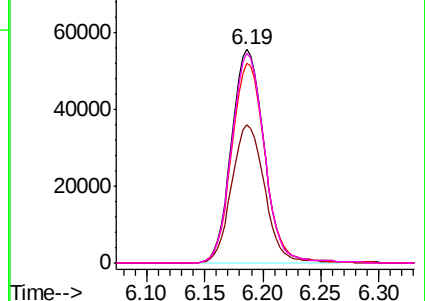
Ion 129.95 (129.65 to 130.65): V

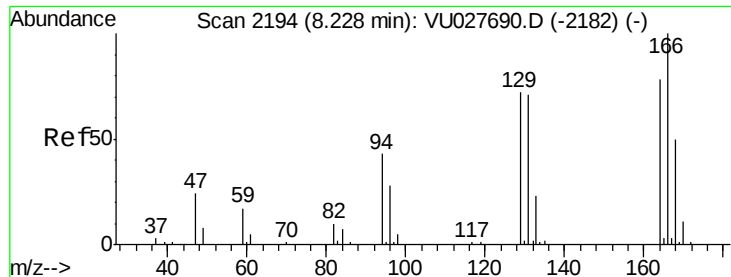
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.436 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027702.D

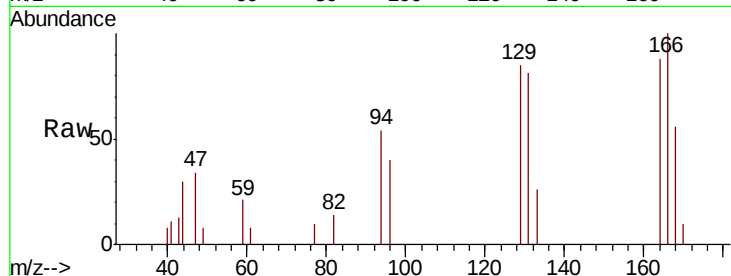
Acq: 18 Oct 2018 16:27

Instrument :

MSVOA_U

ClientSampleId :

C0JB4RE



Tot Ion:164 Resp: 2040

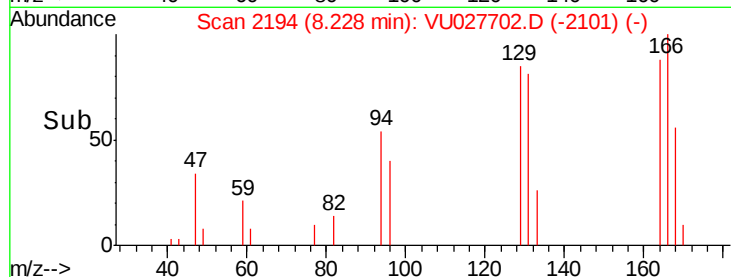
Ion Ratio Lower Upper

164 100

129 95.7 67.3 124.9

131 91.3 64.8 120.3

166 113.1 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

