

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027679.D
 Acq On : 17 Oct 2018 15:38
 Operator : MD/SY
 Sample : J5463-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB3

Quant Time: Oct 19 10:43:54 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	83980	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	78372	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	40173	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27484	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.68	69	22266	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.28	63	42076	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.20	46	85497	45.05	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.10%
24) Chloroform-d	4.65	84	46952	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.31	65	26456	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.34	84	100502	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.33	67	35594	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.57	98	96443	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	14181	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.32	63	75647	46.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25888	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	35849	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

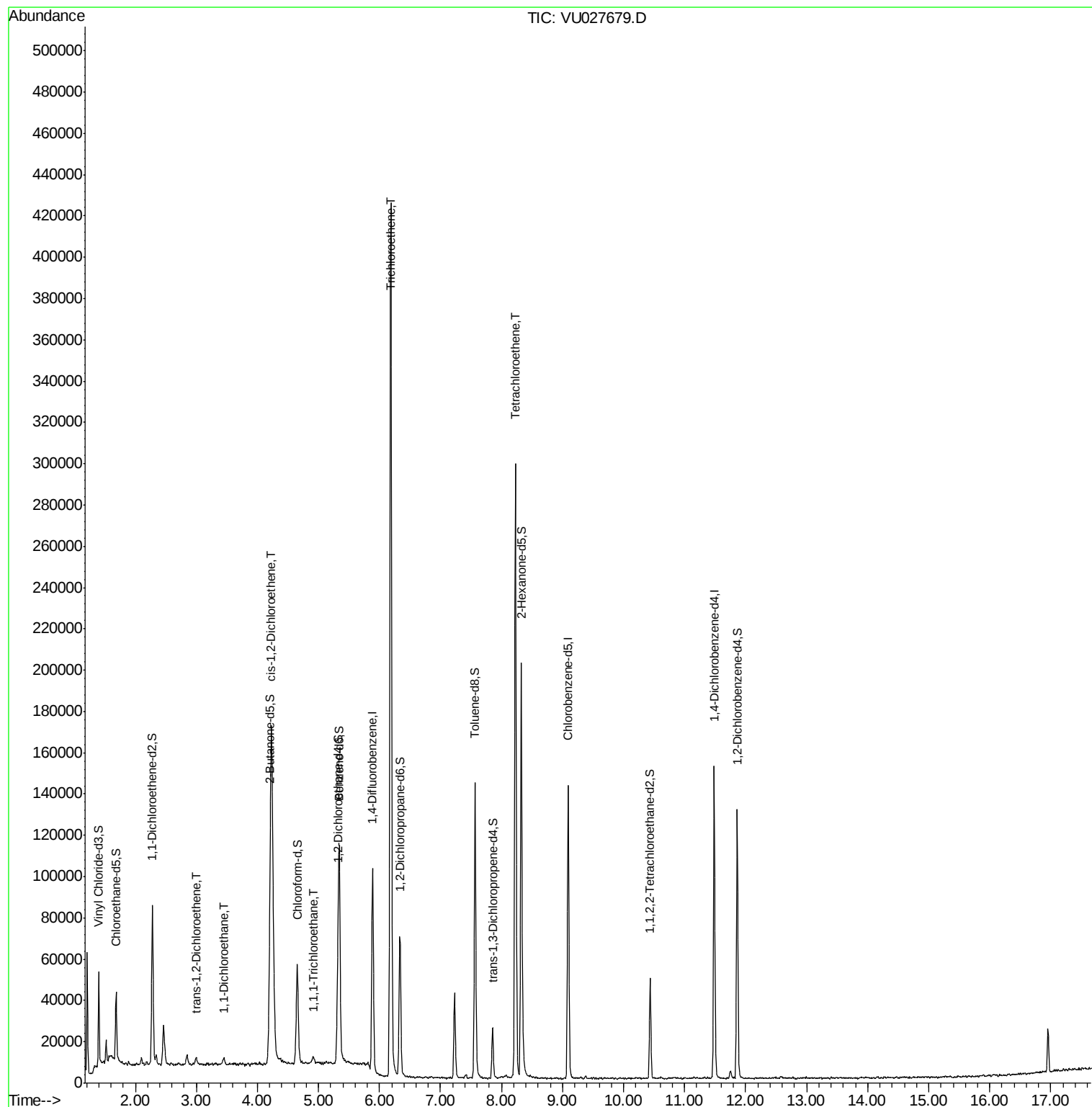
					Ovalue
18) trans-1,2-Dichloroethene	2.98	96	1177	0.195 ug/L	86
19) 1,1-Dichloroethane	3.45	63	3516	0.292 ug/L #	86
22) cis-1,2-Dichloroethene	4.23	96	70082	10.480 ug/L #	99
29) 1,1,1-Trichloroethane	4.91	97	2950	0.307 ug/L #	79
34) Trichloroethene	6.18	95	150204	22.625 ug/L	98
47) Tetrachloroethene	8.23	164	71889	13.563 ug/L	96

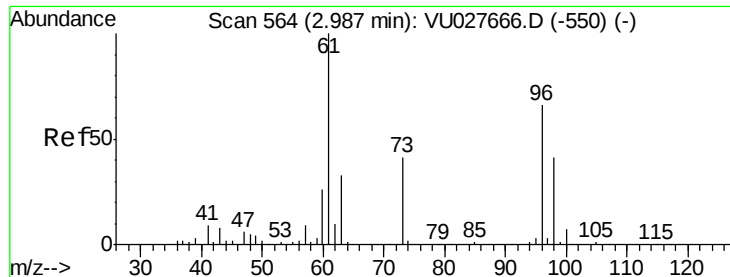
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration





#18

trans-1,2-Dichloroethene

Concen: 0.195 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027679.D

Acq: 17 Oct 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

C0JB3

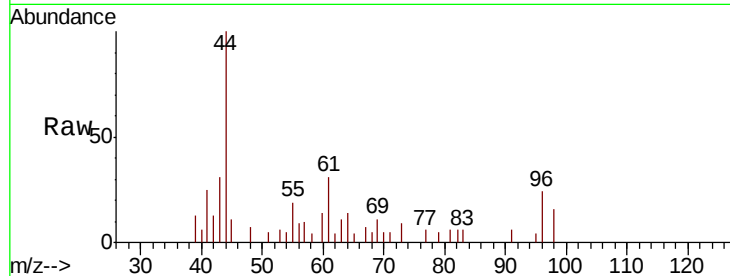
Tot Ion: 96 Resp: 1177

Ion Ratio Lower Upper

96 100

61 129.8 105.8 196.4

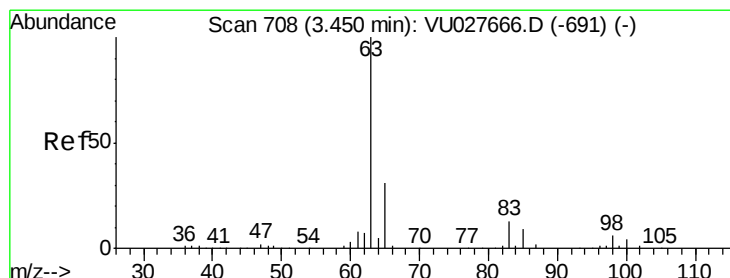
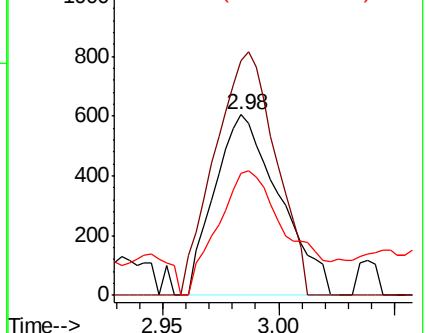
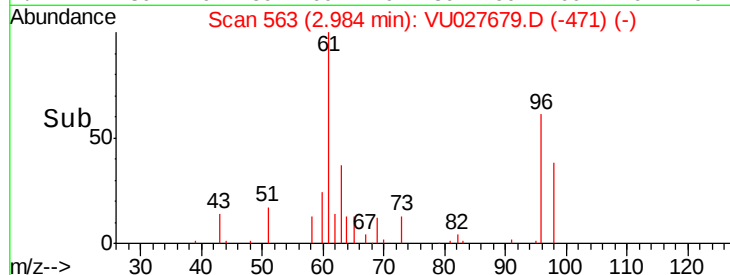
98 67.4 43.6 81.0



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



#19

1,1-Dichloroethane

Concen: 0.292 ug/L

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027679.D

Acq: 17 Oct 2018 15:38

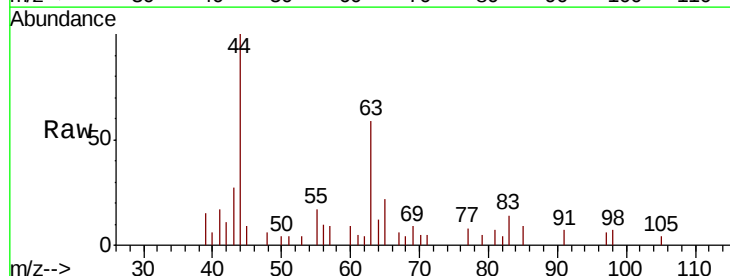
Tgt Ion: 63 Resp: 3516

Ion Ratio Lower Upper

63 100

65 37.1 22.3 41.3

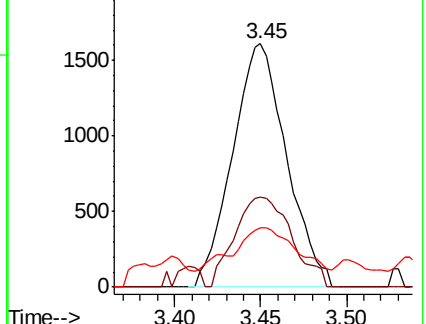
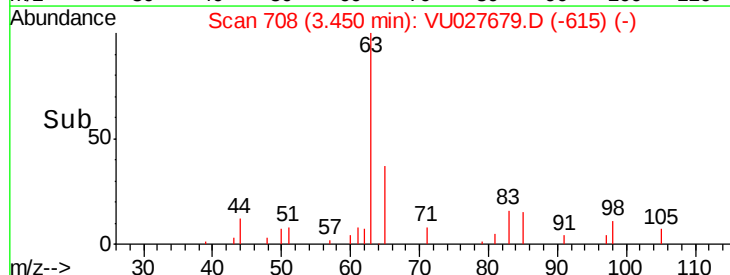
83 24.2 9.7 17.9#

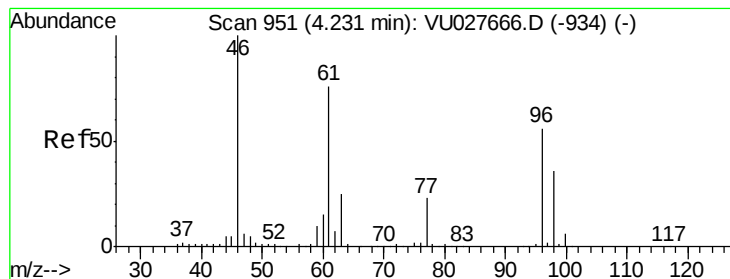


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



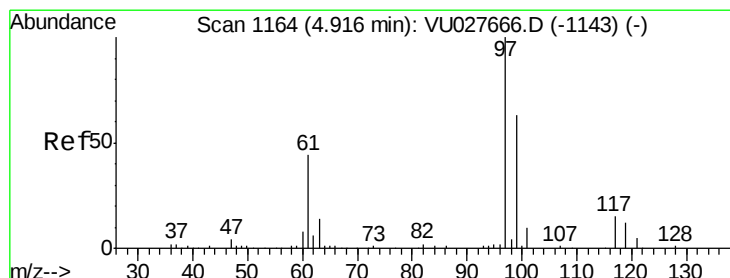
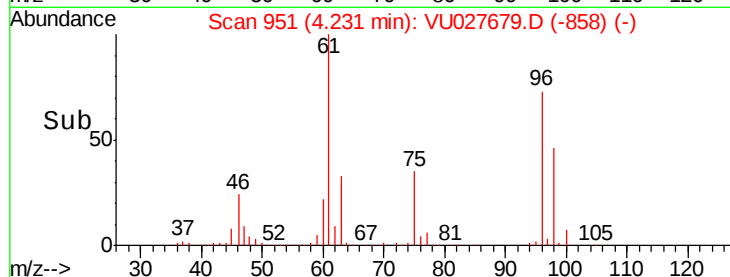
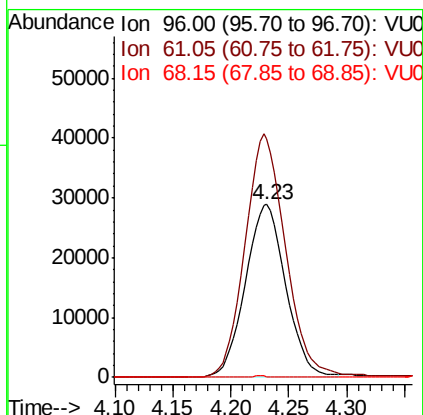
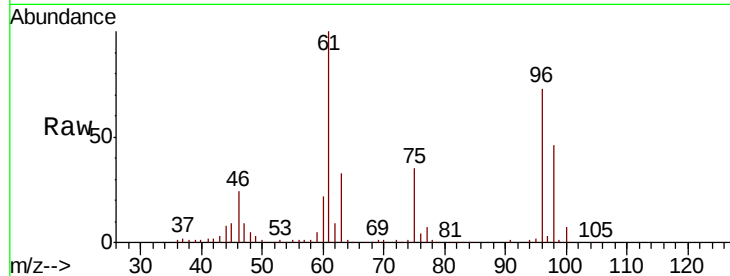


#22

cis-1,2-Dichloroethene
Concen: 10.480 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027679.D
Acq: 17 Oct 2018 15:38

Instrument :
MSVOA_U
ClientSampled :
C0JB3

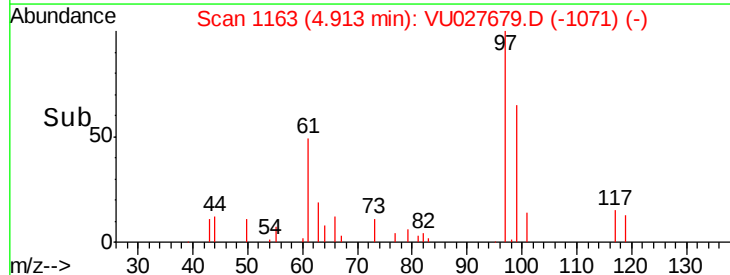
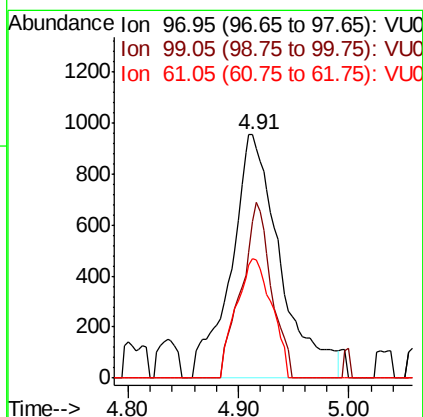
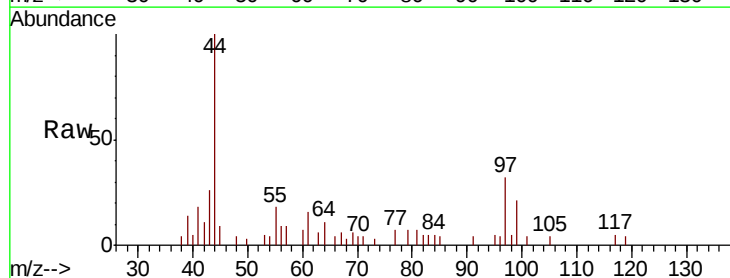
Tot Ion: 96 Resp: 70082
Ion Ratio Lower Upper
96 100
61 137.8 95.3 176.9
68 0.5 1.1 2.1#

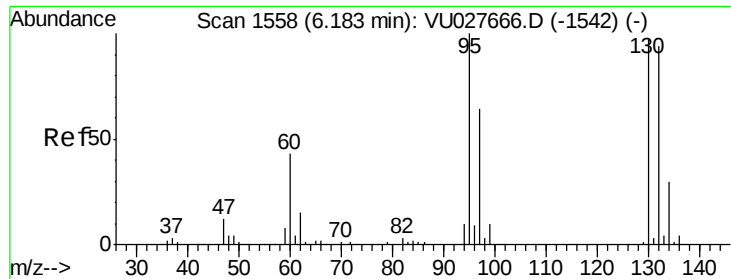


#29

1,1,1-Trichloroethane
Concen: 0.307 ug/L
RT: 4.91 min Scan# 1163
Delta R.T. -0.00 min
Lab File: VU027679.D
Acq: 17 Oct 2018 15:38

Tgt Ion: 97 Resp: 2950
Ion Ratio Lower Upper
97 100
99 43.9 51.4 77.2#
61 35.3 35.7 53.5#





#34

Trichloroethene

Concen: 22.625 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU027679.D

Acq: 17 Oct 2018 15:38

Instrument :

MSVOA_U

ClientSampleId :

C0JB3

Tot Ion: 95 Resp: 150204

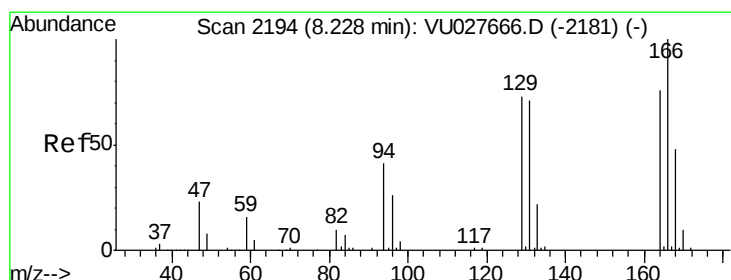
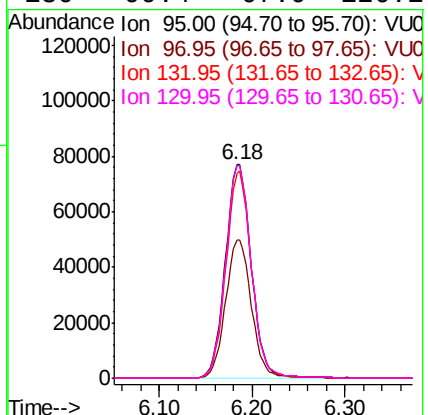
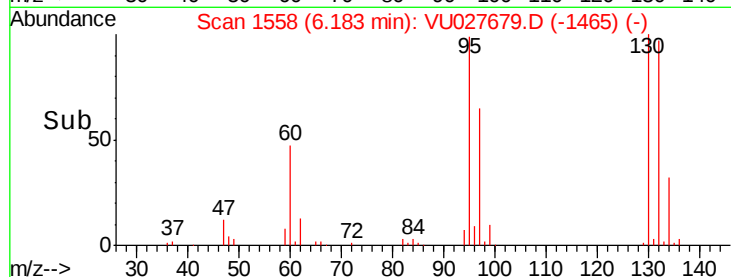
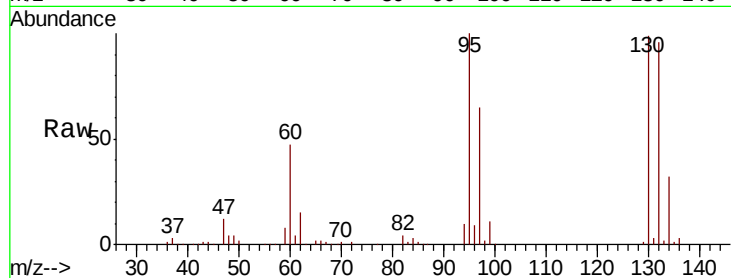
Ion Ratio Lower Upper

95 100

97 64.7 44.7 83.1

132 96.2 65.9 122.5

130 99.4 67.9 126.1



#47

Tetrachloroethene

Concen: 13.563 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027679.D

Acq: 17 Oct 2018 15:38

Tgt Ion: 164 Resp: 71889

Ion Ratio Lower Upper

164 100

129 92.2 67.3 124.9

131 90.3 64.8 120.3

166 125.1 91.8 170.4

