

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027680.D
 Acq On : 17 Oct 2018 16:04
 Operator : MD/SY
 Sample : J5463-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JB4

Quant Time: Oct 19 10:45:03 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	82650	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	78406	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	40055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27512	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	23243	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.28	63	40935	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.20	46	89446	47.89	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.78%
24) Chloroform-d	4.65	84	49611	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.31	65	27918	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.34	84	104502	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.33	67	36392	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.57	98	98785	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.85	79	14877	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.32	63	78026	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26670	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	37299	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

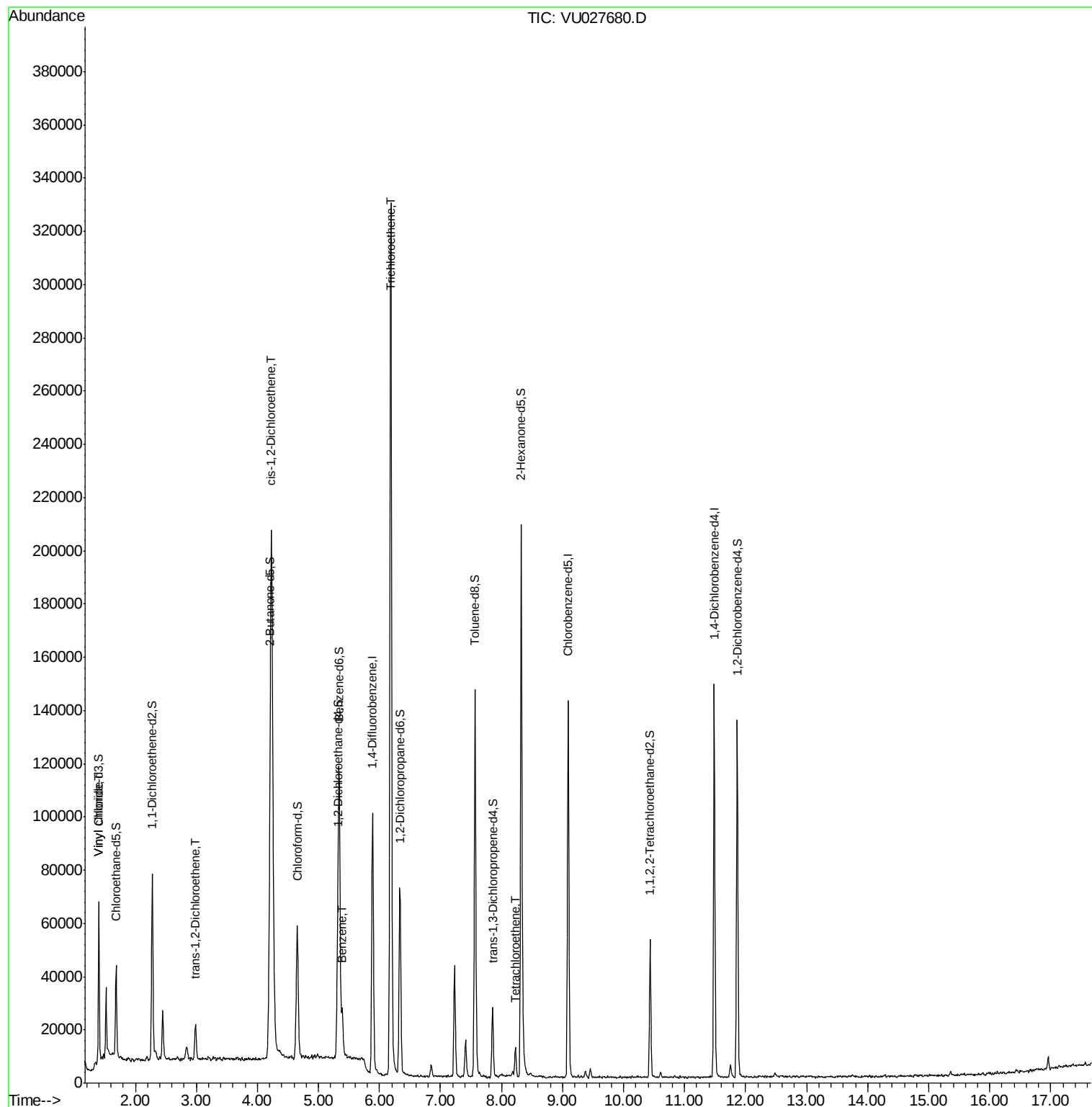
					Ovalue
5) Vinyl chloride	1.41	62	13949	1.730	ug/L 87
18) trans-1,2-Dichloroethene	2.98	96	5165	0.869	ug/L 97
22) cis-1,2-Dichloroethene	4.23	96	89615	13.617	ug/L # 93
33) Benzene	5.39	78	16051	0.626	ug/L 100
34) Trichloroethene	6.18	95	116523	17.544	ug/L 98
47) Tetrachloroethene	8.23	164	2418	0.456	ug/L 95

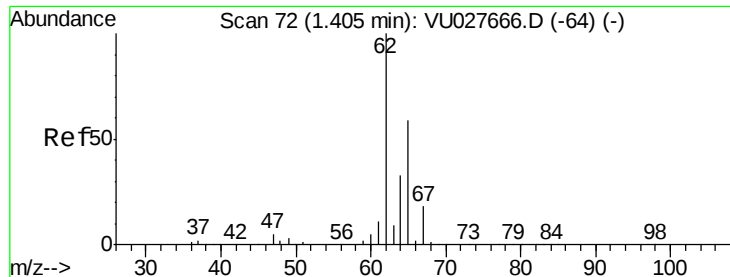
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101718\
Data File : VU027680.D
Acq On : 17 Oct 2018 16:04
Operator : MD/SY
Sample : J5463-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JB4

Quant Time: Oct 19 10:45:03 2018
Quant Method : Z:\V0ASRV\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





#5

Vinyl chloride

Concen: 1.730 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027680.D

Acq: 17 Oct 2018 16:04

Instrument :

MSVOA_U

ClientSampleId :

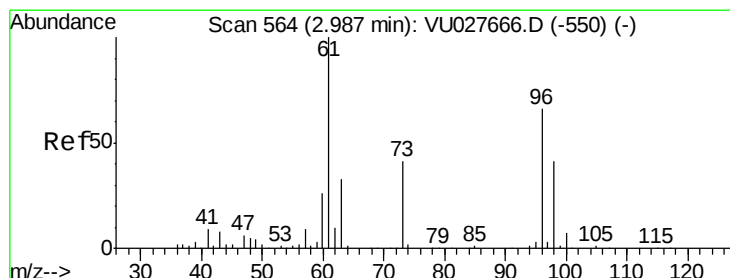
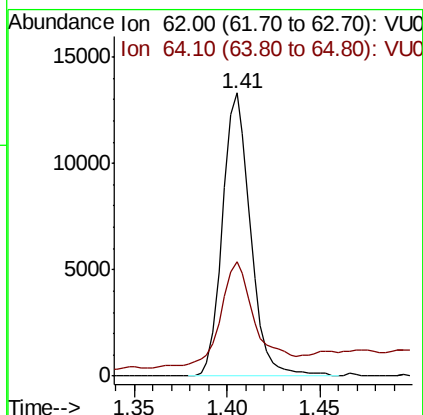
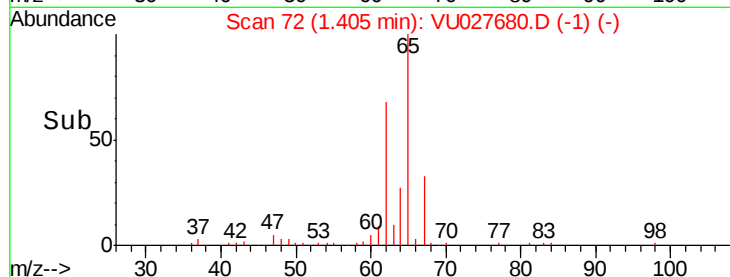
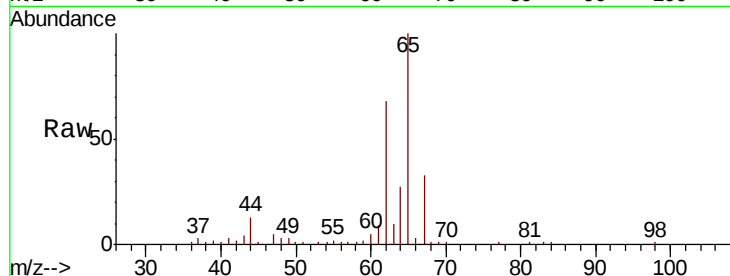
C0JB4

Tot Ion: 62 Resp: 13949

Ion Ratio Lower Upper

62 100

64 40.2 22.9 42.5



#18

trans-1,2-Dichloroethene

Concen: 0.869 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027680.D

Acq: 17 Oct 2018 16:04

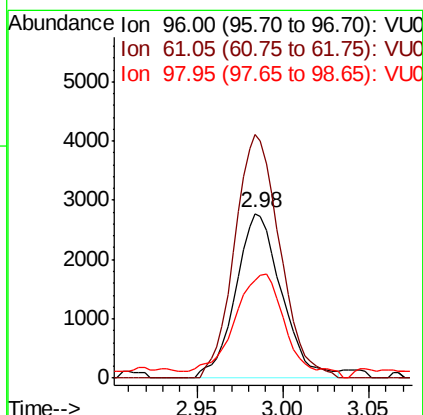
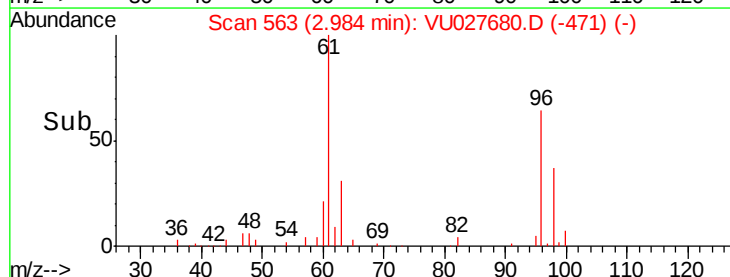
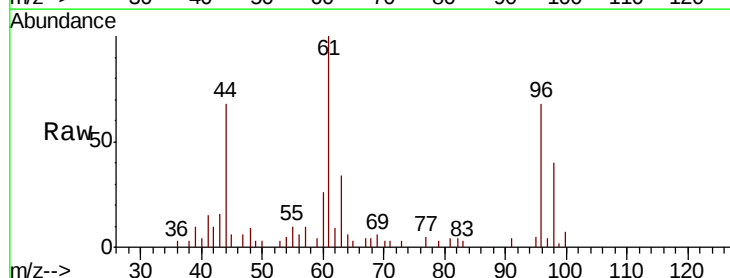
Tgt Ion: 96 Resp: 5165

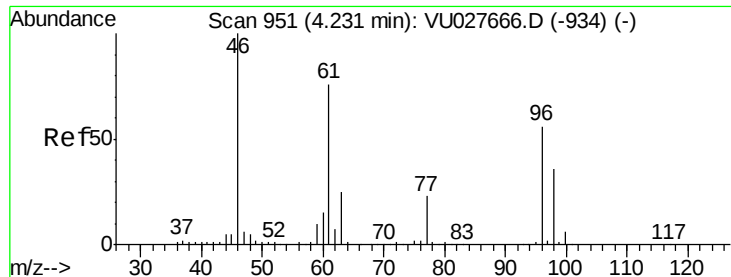
Ion Ratio Lower Upper

96 100

61 148.1 105.8 196.4

98 59.7 43.6 81.0



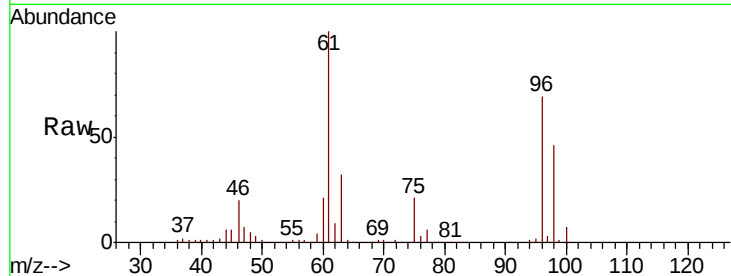


#22

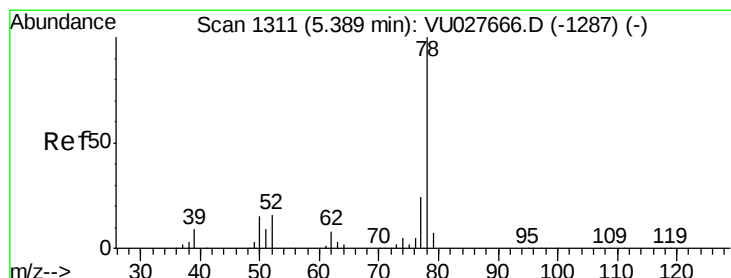
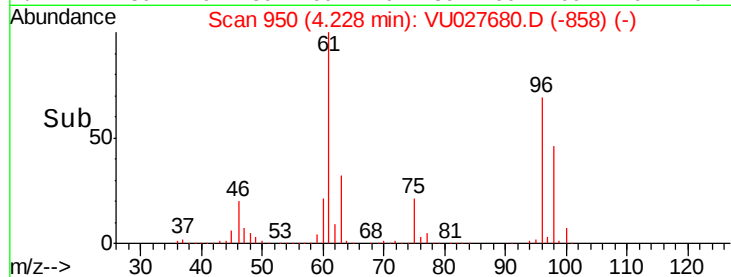
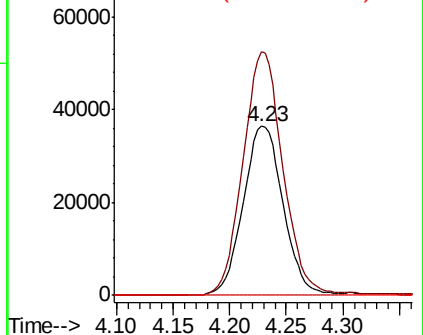
cis-1,2-Dichloroethene
Concen: 13.617 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027680.D
Acq: 17 Oct 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
C0JB4

Tot Ion: 96 Resp: 89615
Ion Ratio Lower Upper
96 100
61 144.1 95.3 176.9
68 0.3 1.1 2.1#



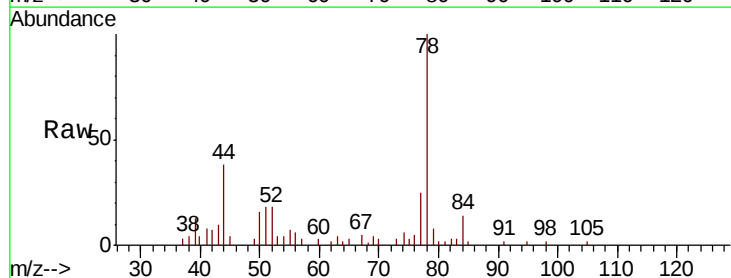
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



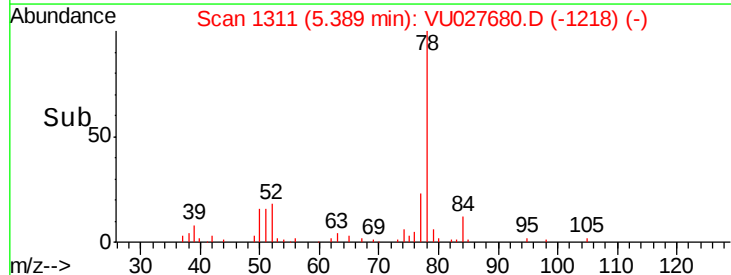
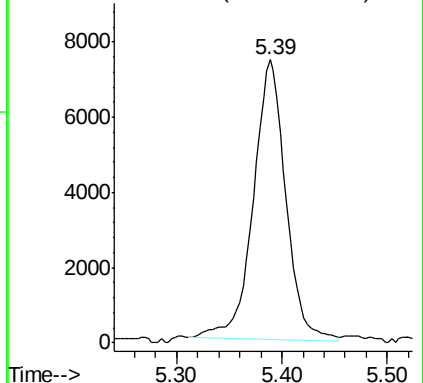
#33

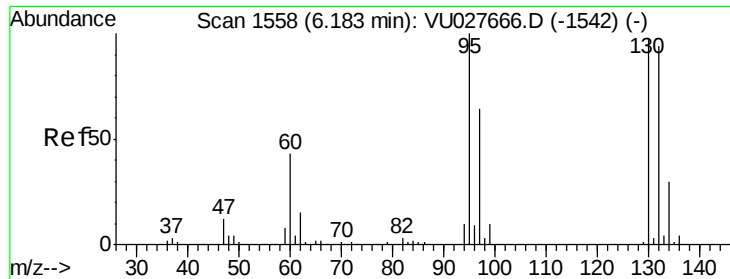
Benzene
Concen: 0.626 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU027680.D
Acq: 17 Oct 2018 16:04

Tgt Ion: 78 Resp: 16051



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 17.544 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU027680.D

Acq: 17 Oct 2018 16:04

Instrument :

MSVOA_U

ClientSampleId :

C0JB4

Tot Ion: 95 Resp: 116523

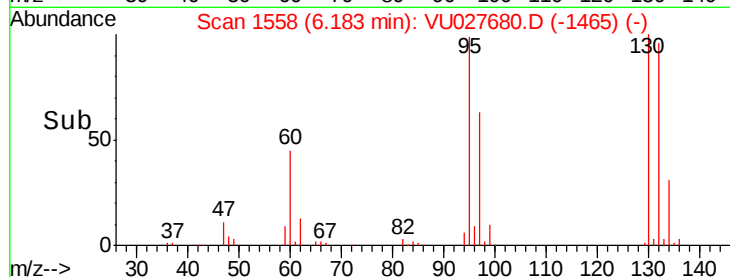
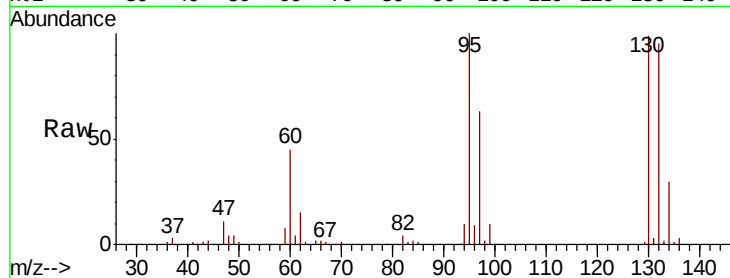
Ion Ratio Lower Upper

95 100

97 62.5 44.7 83.1

132 95.4 65.9 122.5

130 98.9 67.9 126.1

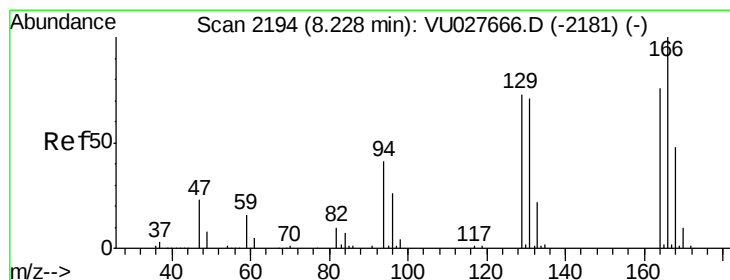
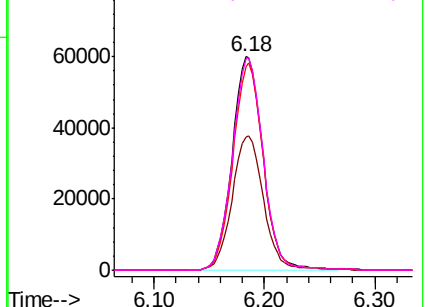


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.456 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU027680.D

Acq: 17 Oct 2018 16:04

Tgt Ion:164 Resp: 2418

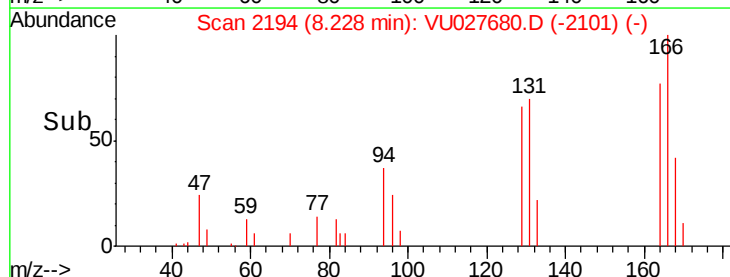
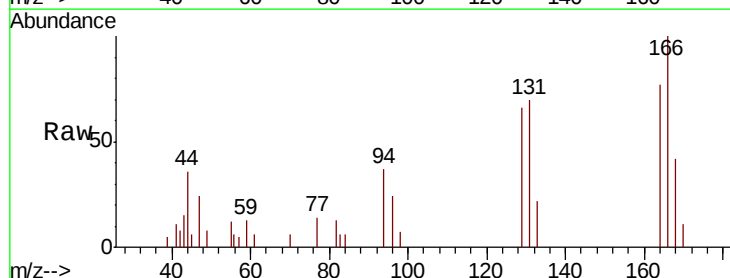
Ion Ratio Lower Upper

164 100

129 85.1 67.3 124.9

131 90.7 64.8 120.3

166 129.3 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

