

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006810.D
 Acq On : 02 Aug 2018 16:19
 Operator : SY/MD
 Sample : J4225-12DL 5X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWR0DL

Quant Time: Aug 03 10:59:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	240095	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	215606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87810	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	77296	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.13	63	119630	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.97	46	246384	61.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.18%
24) Chloroform-d	4.41	84	157865	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.09	65	83623	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.10	84	316046	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	103625	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.37	98	258558	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	34693	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.14	63	173313	57.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80502	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	89505	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

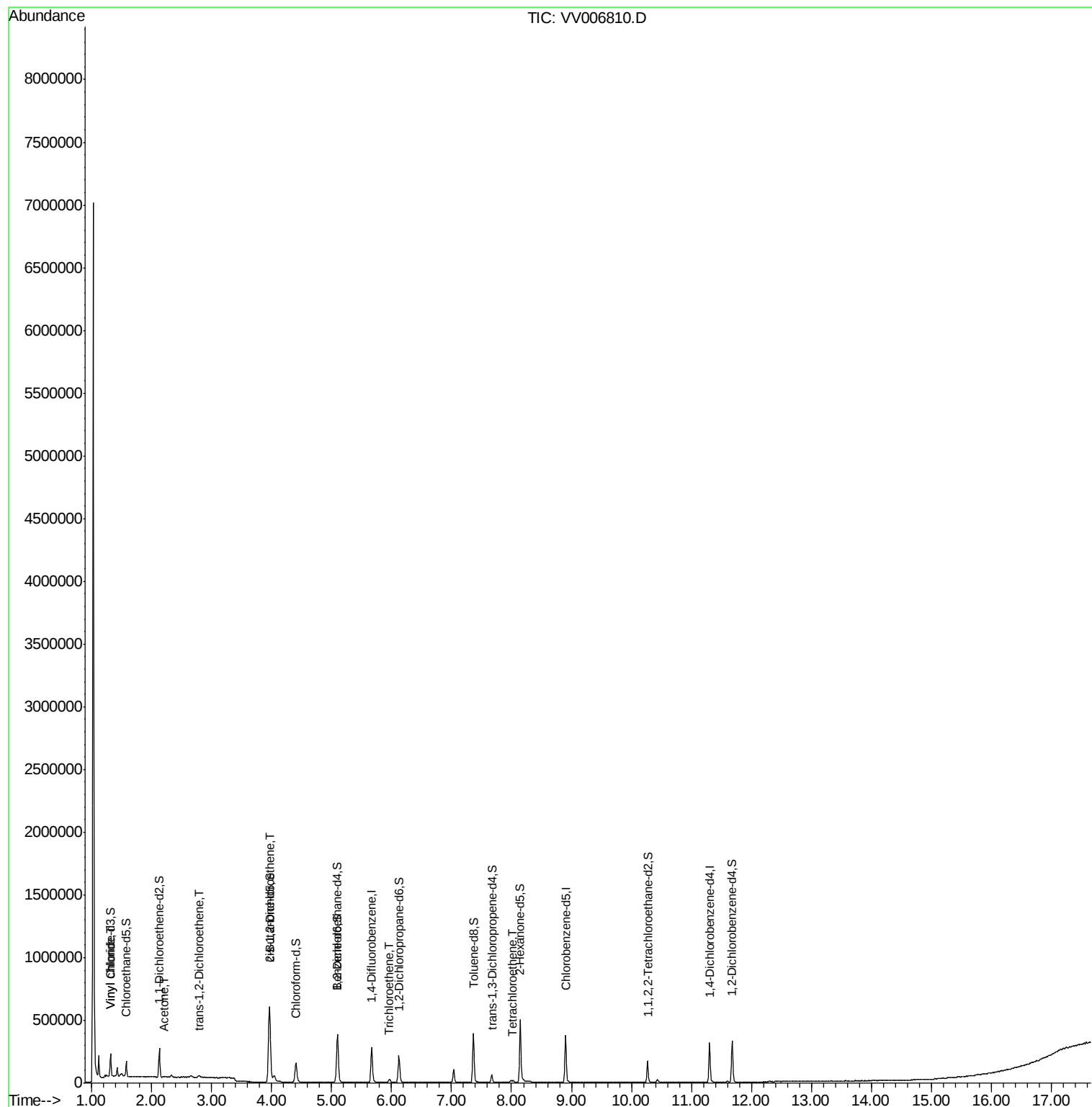
					Ovalue
5) Vinyl chloride	1.32	62	22427	1.04	ug/L 89
13) Acetone	2.20	43	5752	2.02	ug/L 96
18) trans-1,2-Dichloroethene	2.79	96	6199	0.37	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	254423	14.18	ug/L 97
34) Trichloroethene	5.96	95	8003	0.47	ug/L 93
47) Tetrachloroethene	8.03	164	3434	0.26	ug/L 93

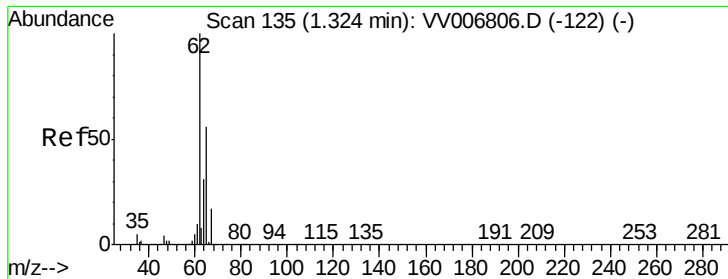
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.04 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006810.D

Acq: 02 Aug 2018 16:19

Instrument :

MSVOA_V

ClientSampleId :

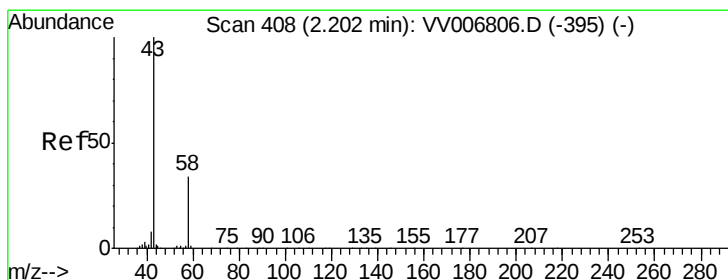
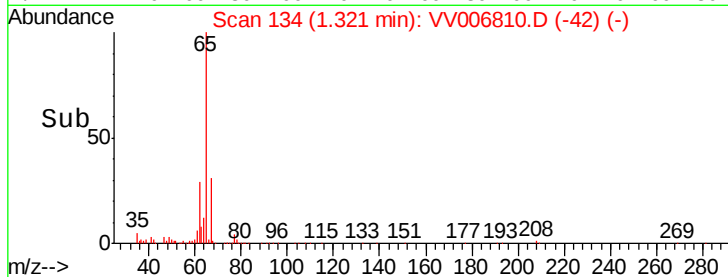
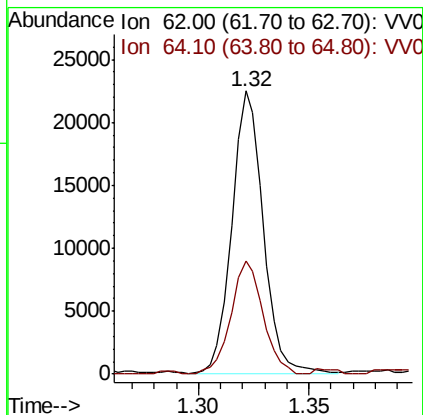
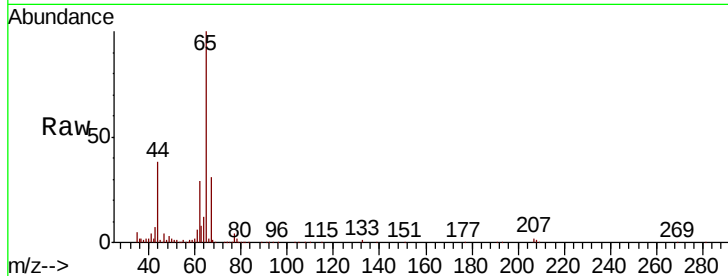
ESWR0DL

Tot Ion: 62 Resp: 22427

Ion Ratio Lower Upper

62 100

64 40.1 23.7 43.9



#13

Acetone

Concen: 2.02 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

Lab File: VV006810.D

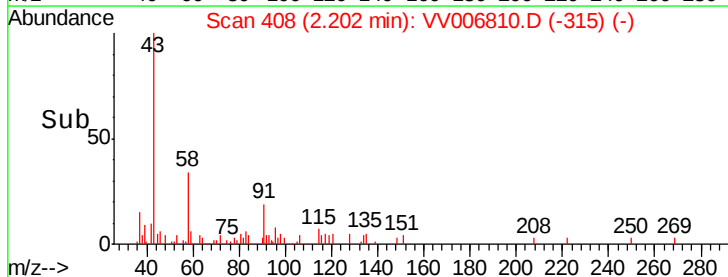
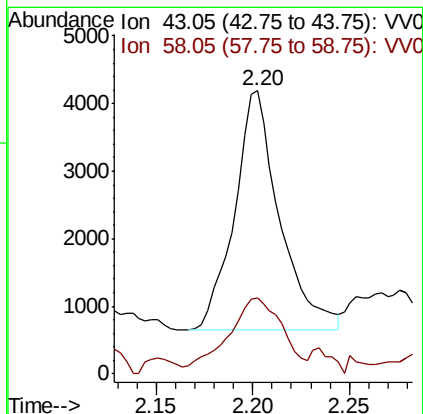
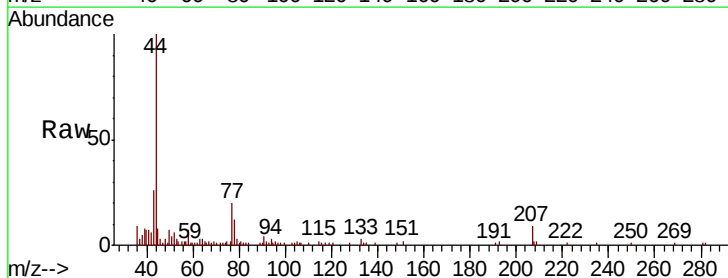
Acq: 02 Aug 2018 16:19

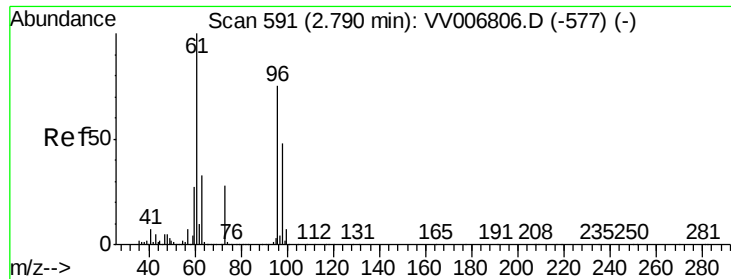
Tgt Ion: 43 Resp: 5752

Ion Ratio Lower Upper

43 100

58 32.0 0.0 69.0





#18

trans-1,2-Dichloroethene

Concen: 0.37 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV006810.D

Acq: 02 Aug 2018 16:19

Instrument :

MSVOA_V

ClientSampleId :

ESWR0DL

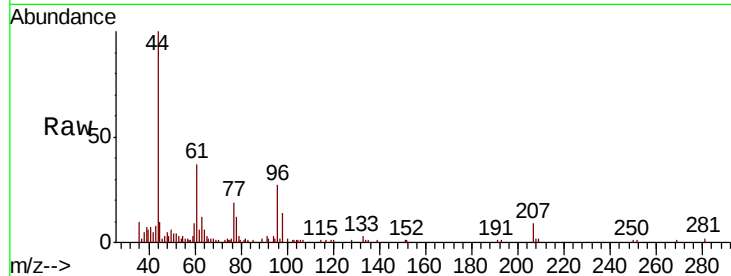
Tot Ion: 96 Resp: 6199

Ion Ratio Lower Upper

96 100

61 137.7 99.0 183.8

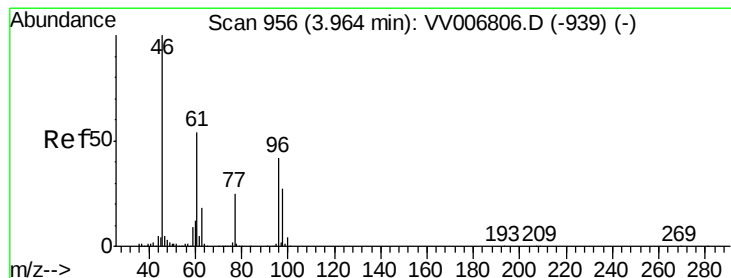
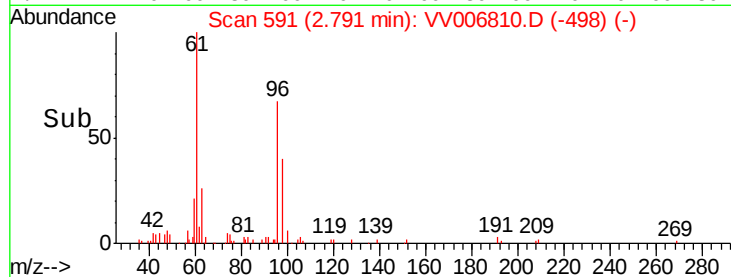
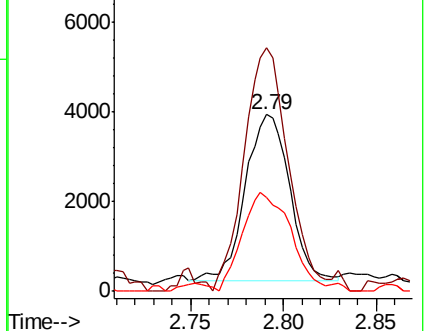
98 53.1 42.8 79.4



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 14.18 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006810.D

Acq: 02 Aug 2018 16:19

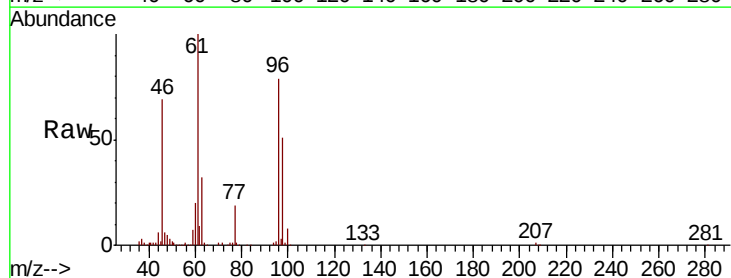
Tgt Ion: 96 Resp: 254423

Ion Ratio Lower Upper

96 100

61 126.5 86.6 160.8

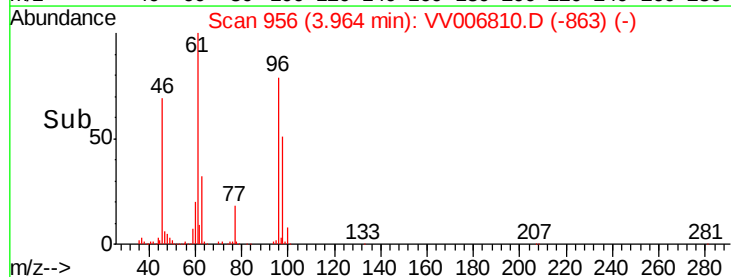
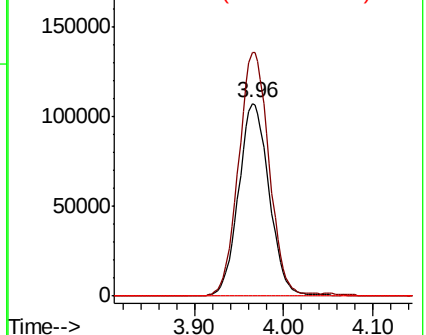
68 0.0 0.0 0.0

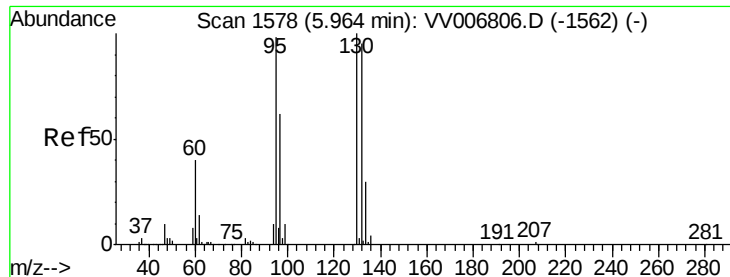


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 0.47 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006810.D

Acq: 02 Aug 2018 16:19

Instrument :

MSVOA_V

ClientSampleId :

ESWR0DL

Tot Ion: 95 Resp: 8003

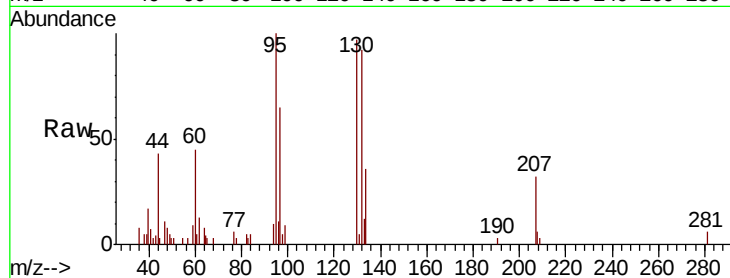
Ion Ratio Lower Upper

95 100

97 64.5 46.3 86.1

132 91.9 72.0 133.6

130 97.1 72.4 134.4



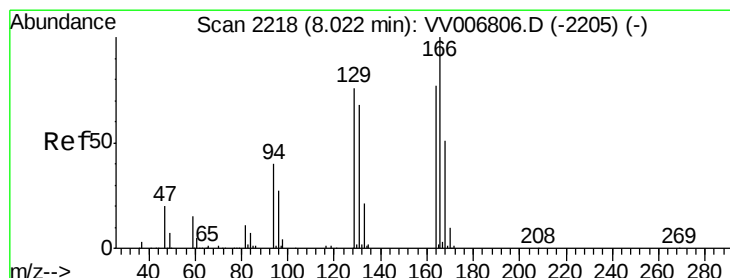
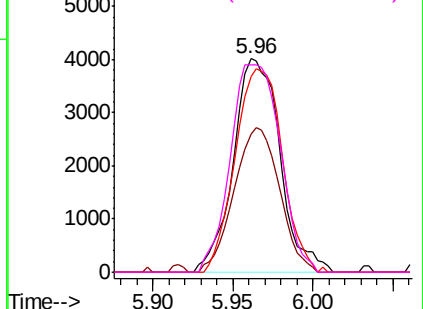
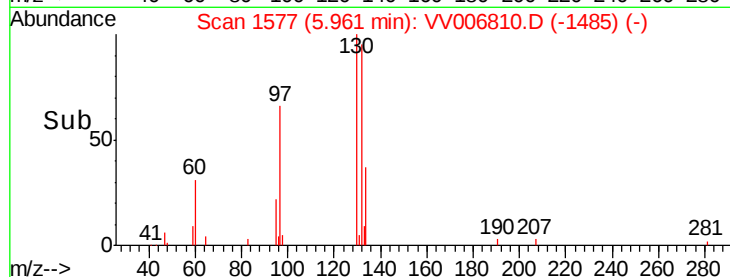
Abundance

Ion 95.00 (94.70 to 95.70): VV006810.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006810.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006810.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006810.D (-1485) (-)



#47

Tetrachloroethene

Concen: 0.26 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006810.D

Acq: 02 Aug 2018 16:19

Tgt Ion: 164 Resp: 3434

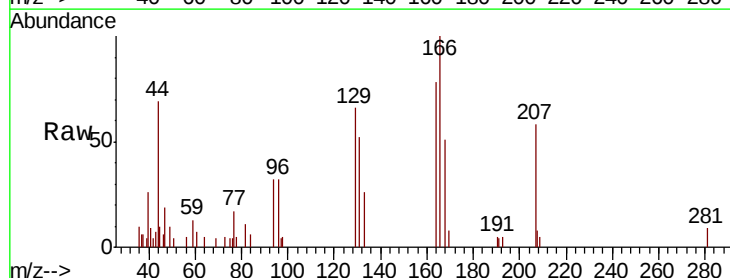
Ion Ratio Lower Upper

164 100

129 84.4 61.1 113.5

131 67.5 59.1 109.7

166 128.7 88.3 163.9



Abundance

Ion 163.90 (163.60 to 164.60): VV006810.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006810.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006810.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006810.D (-2125) (-)

