

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083118\
 Data File : VV007316.D
 Acq On : 31 Aug 2018 21:59
 Operator : SY/MD
 Sample : J4665-11DL 4X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA5DL

Quant Time: Sep 01 01:16:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:00:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	624400	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	596104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	220197	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	153530	40.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.38%
7) Chloroethane-d5	1.58	69	108617	45.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.42%
11) 1,1-Dichloroethene-d2	2.13	63	217832	31.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.18%
21) 2-Butanone-d5	3.96	46	247790	81.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.20%
24) Chloroform-d	4.41	84	337751	41.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.98%
26) 1,2-Dichloroethane-d4	5.09	65	214073	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
32) Benzene-d6	5.11	84	684685	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.48%
36) 1,2-Dichloropropane-d6	6.12	67	230639	43.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.84%
41) Toluene-d8	7.37	98	561849	39.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.44%#
43) trans-1,3-Dichloropropene-	7.67	79	91031	38.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.86%
47) 2-Hexanone-d5	8.14	63	159152	80.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	300666	41.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.12%
64) 1,2-Dichlorobenzene-d4	11.68	152	206664	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

Target Compounds

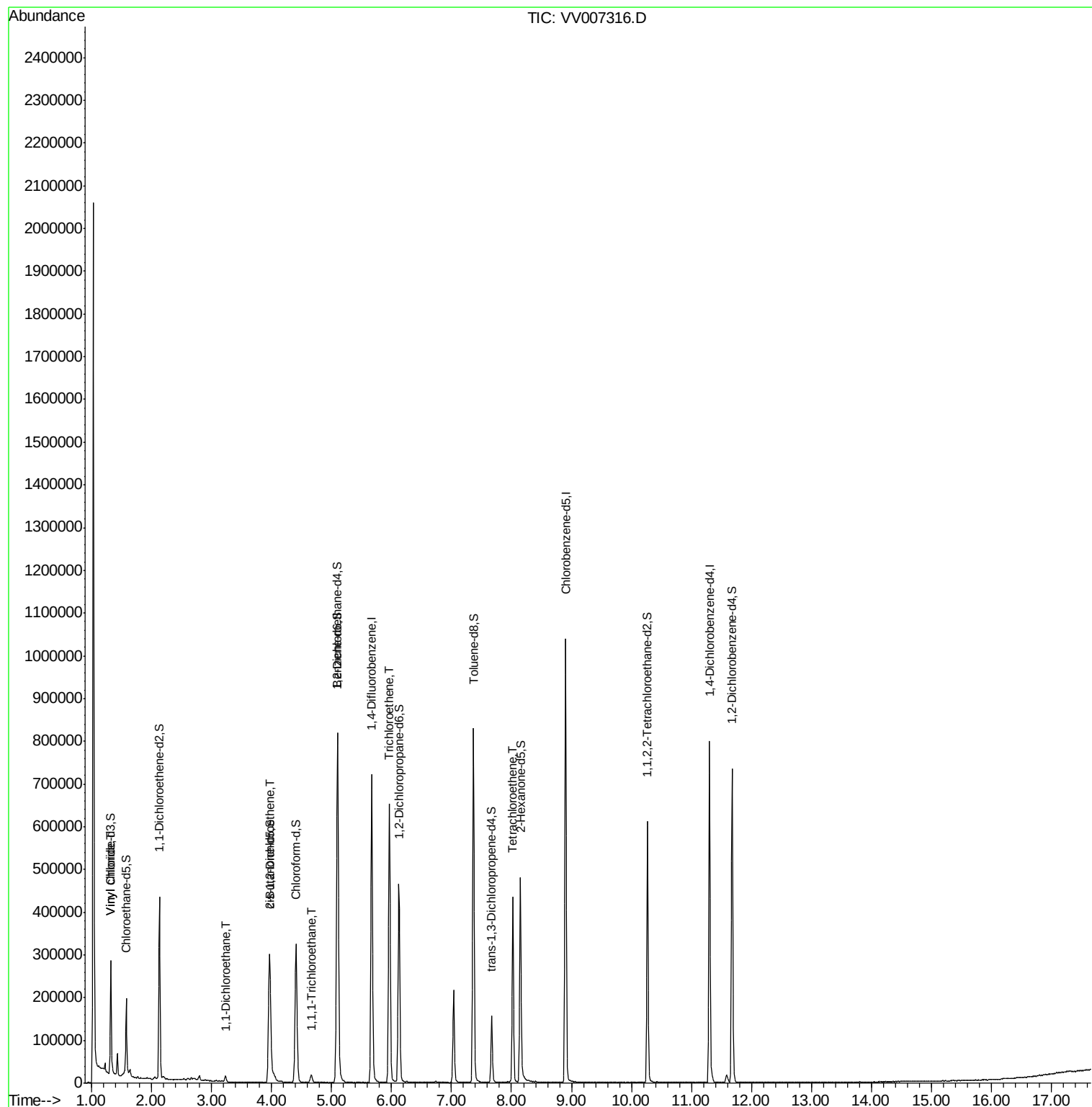
					Ovalue
5) Vinyl chloride	1.32	62	17311	3.42	ug/L # 82
19) 1,1-Dichloroethane	3.23	63	13493	1.63	ug/L 95
20) cis-1,2-Dichloroethene	3.97	96	99331	21.14	ug/L 96
30) 1,1,1-Trichloroethane	4.66	97	14743	2.17	ug/L 100
34) Trichloroethene	5.96	95	231785	52.98	ug/L 98
46) Tetrachloroethene	8.02	164	102598	27.98	ug/L 98

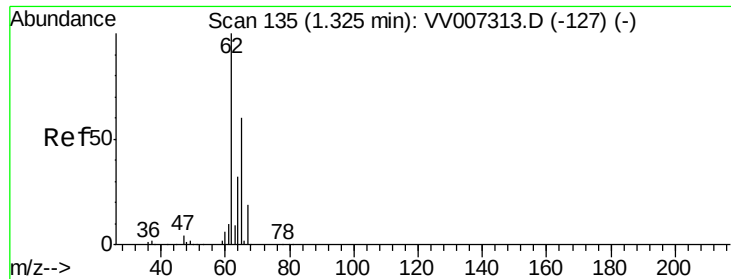
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:00:35 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.42 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

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Acq: 31 Aug 2018 21:59

Instrument :

MSVOA_V

ClientSampleId :

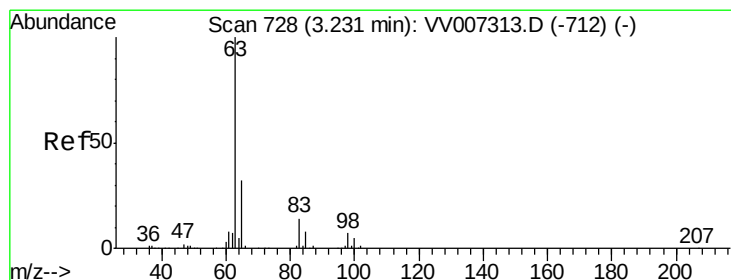
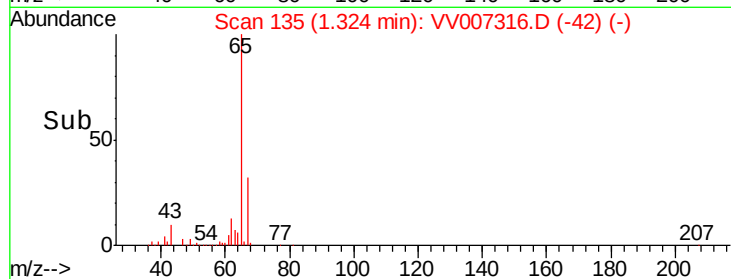
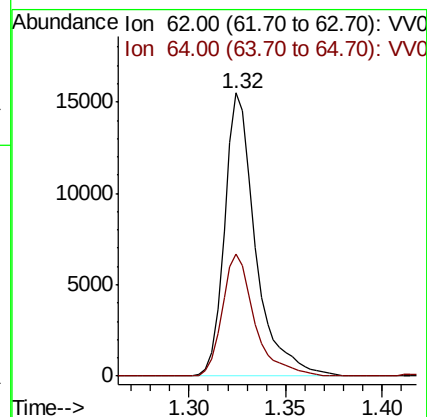
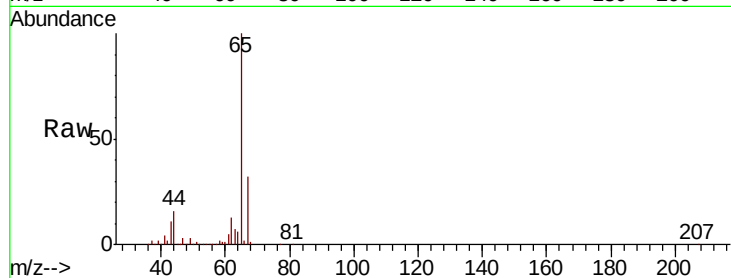
E0AA5DL

Tot Ion: 62 Resp: 17311

Ion Ratio Lower Upper

62 100

64 43.2 23.2 43.0#



#19

1,1-Dichloroethane

Concen: 1.63 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV007316.D

Acq: 31 Aug 2018 21:59

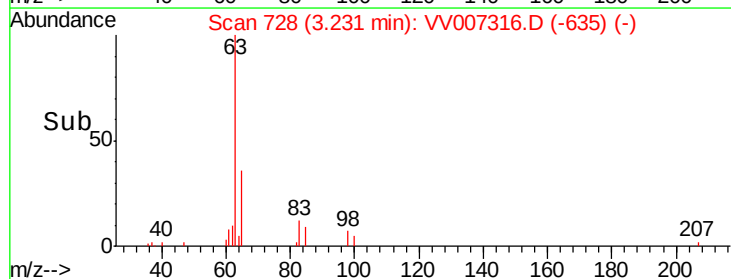
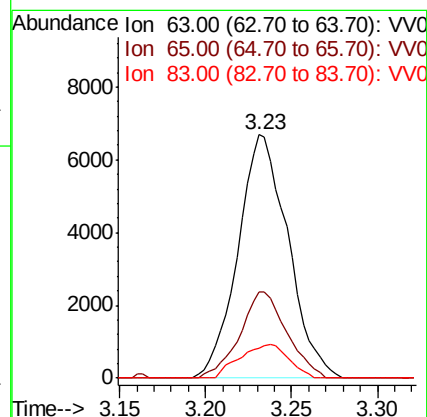
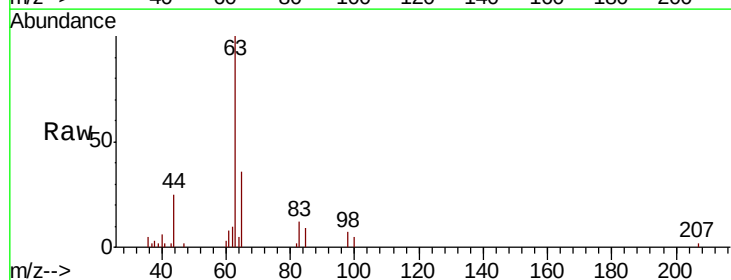
Tgt Ion: 63 Resp: 13493

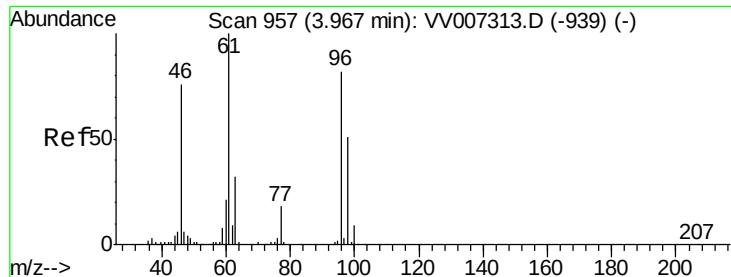
Ion Ratio Lower Upper

63 100

65 35.6 22.0 41.0

83 12.3 8.8 16.4

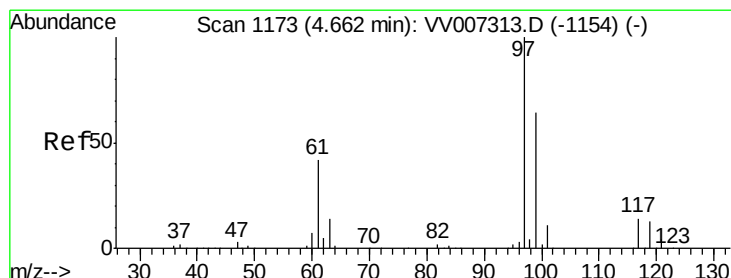
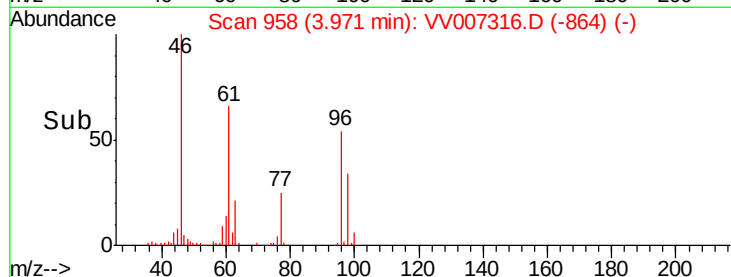
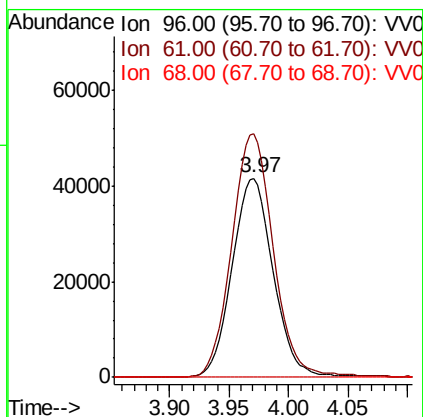
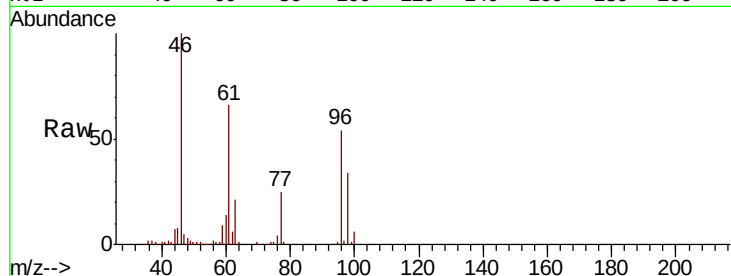




#20
 cis-1,2-Dichloroethene
 Concen: 21.14 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VV007316.D
 Acq: 31 Aug 2018 21:59

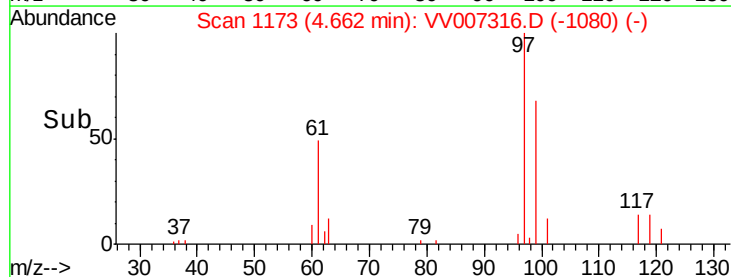
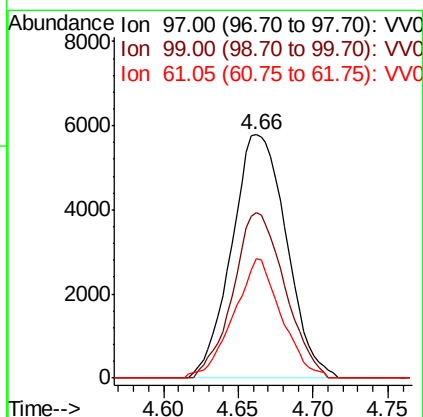
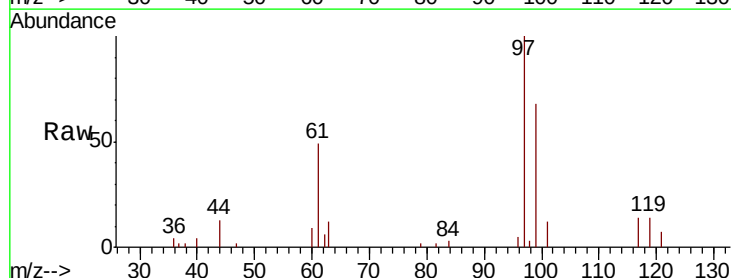
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 E0AA5DL

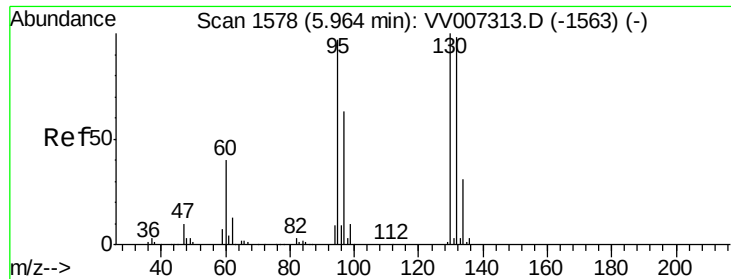
Tot Ion: 96 Resp: 99331
 Ion Ratio Lower Upper
 96 100
 61 122.2 88.4 164.2
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 2.17 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007316.D
 Acq: 31 Aug 2018 21:59

Tgt Ion: 97 Resp: 14743
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.4 77.0
 61 42.6 34.6 51.8





#34

Trichloroethene

Concen: 52.98 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007316.D

Acq: 31 Aug 2018 21:59

Instrument :

MSVOA_V

ClientSampleId :

E0AA5DL

Tot Ion: 95 Resp: 231785

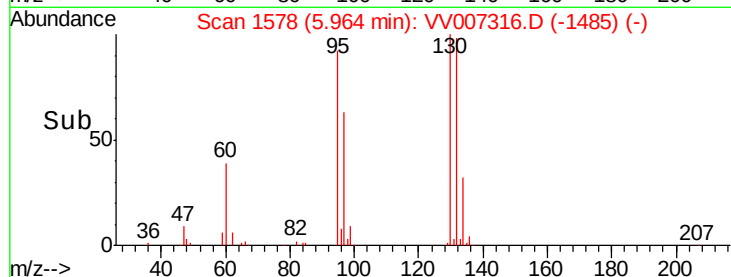
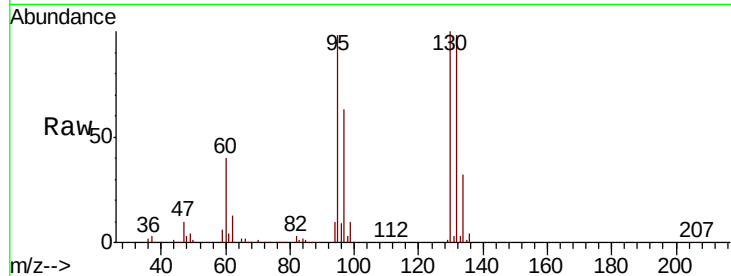
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.9

132 99.7 68.3 126.9

130 102.0 72.4 134.5

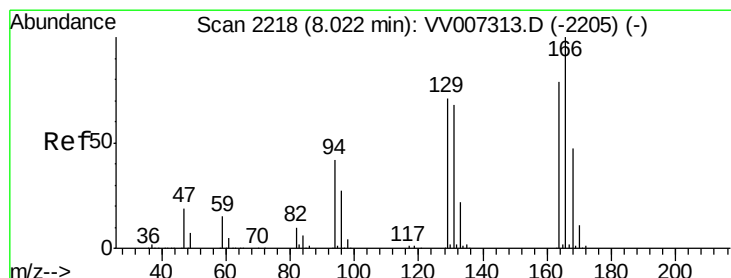
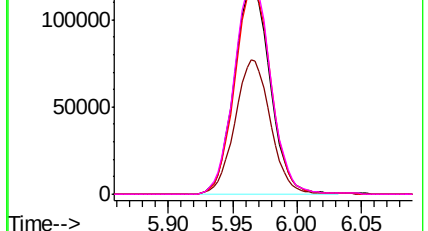


Abundance Ion 95.00 (94.70 to 95.70): VV007316.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VV007316.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VV007316.D (-1485) (-)

Ion 130.00 (129.70 to 130.70): VV007316.D (-1485) (-)



#46

Tetrachloroethene

Concen: 27.98 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007316.D

Acq: 31 Aug 2018 21:59

Tgt Ion: 164 Resp: 102598

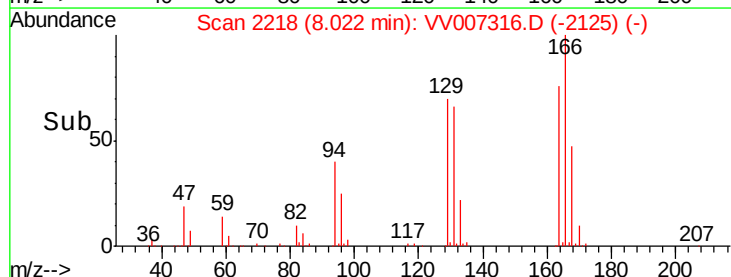
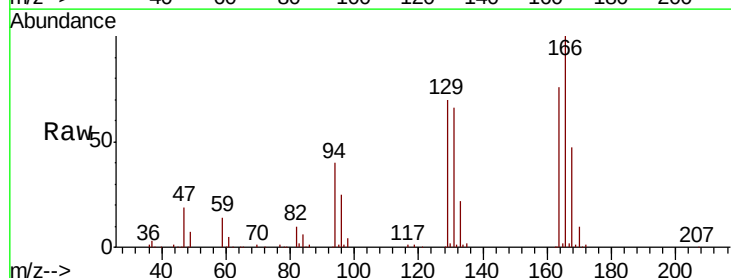
Ion Ratio Lower Upper

164 100

129 92.1 64.5 119.7

131 86.7 61.2 113.8

166 131.3 89.1 165.5



Abundance Ion 164.00 (163.70 to 164.70): VV007316.D (-2125) (-)

Ion 129.00 (128.70 to 129.70): VV007316.D (-2125) (-)

Ion 131.00 (130.70 to 131.70): VV007316.D (-2125) (-)

Ion 166.00 (165.70 to 166.70): VV007316.D (-2125) (-)

