

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062618\
 Data File : VV006470.D
 Acq On : 26 Jun 2018 16:35
 Operator : SY/MD
 Sample : J3673-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA4

Quant Time: Jun 27 02:40:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 27 02:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	312566	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	282915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85213	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	67971	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.13	63	119893	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.96	46	186130	48.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	4.41	84	153902	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.09	65	76955	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.11	84	336299	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.12	67	101187	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.37	98	302876	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	29969	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.14	63	144023	44.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59863	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	109391	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

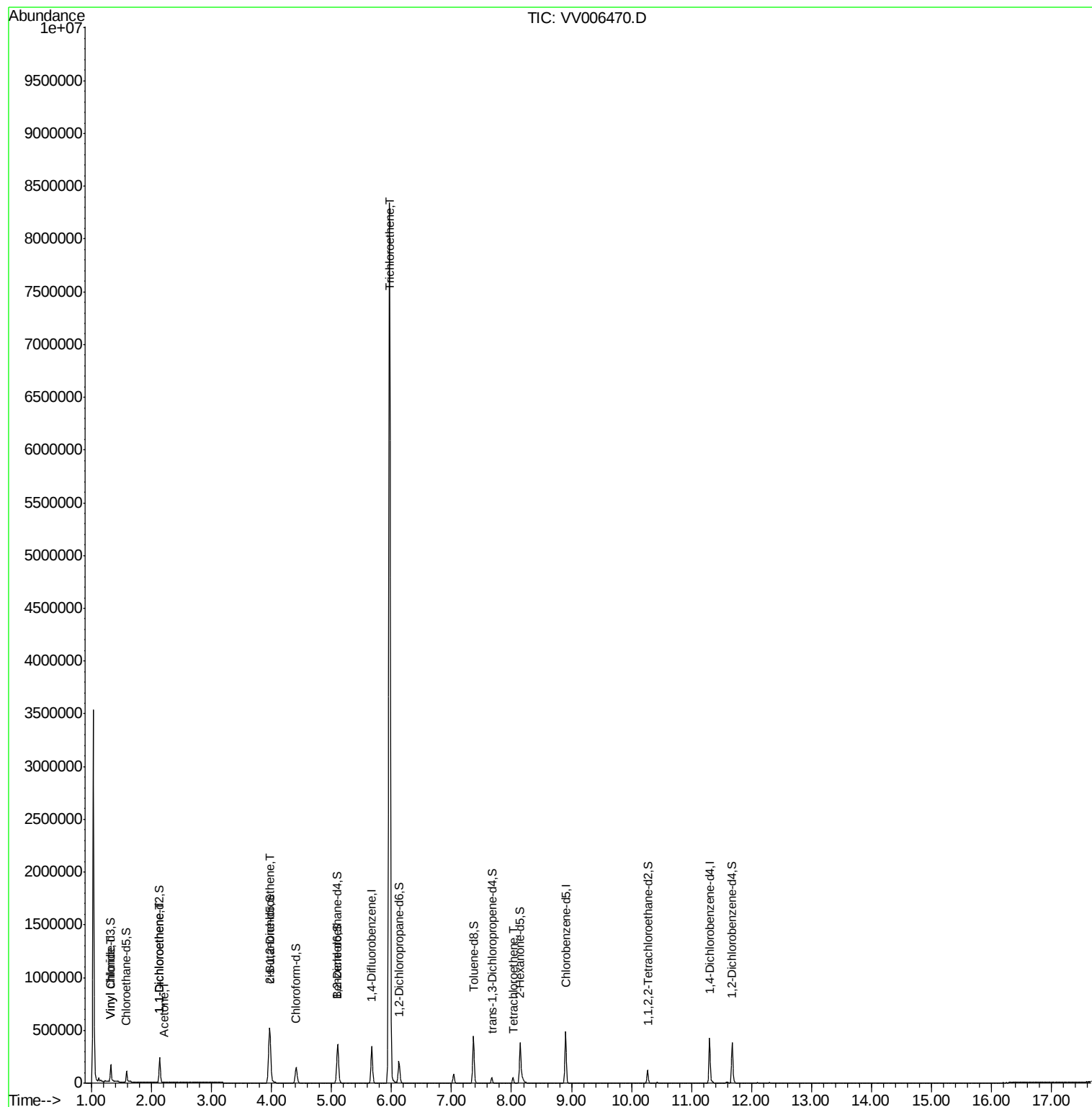
						Ovalue
5) Vinyl chloride	1.32	62	25953	1.02	ug/L	90
12) 1,1-Dichloroethene	2.15	96	7447	0.39	ug/L	# 1
13) Acetone	2.21	43	5152	2.18	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	254800	11.20	ug/L	99
34) Trichloroethene	5.97	95	2884255	120.67	ug/L	99
47) Tetrachloroethene	8.03	164	11999	0.66	ug/L	97

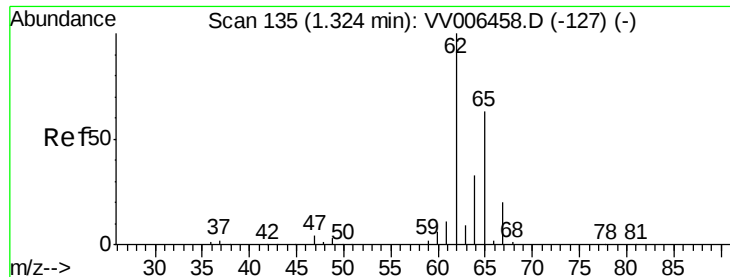
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.02 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

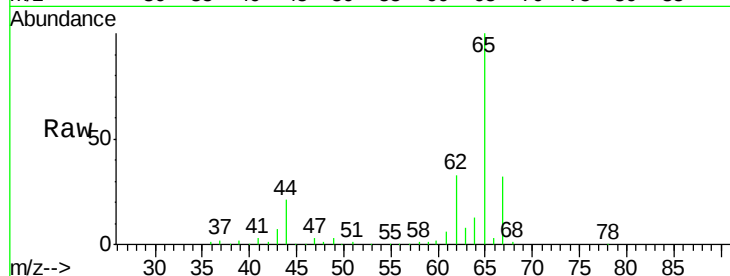
DAZA4

Tot Ion: 62 Resp: 25953

Ion Ratio Lower Upper

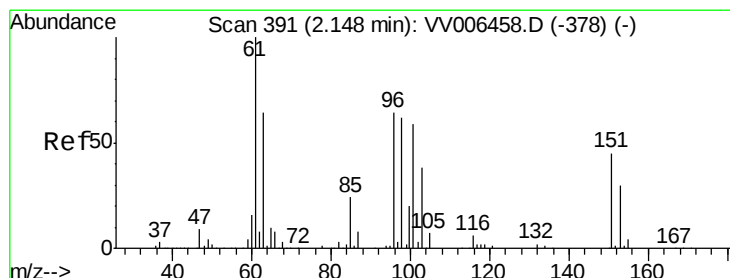
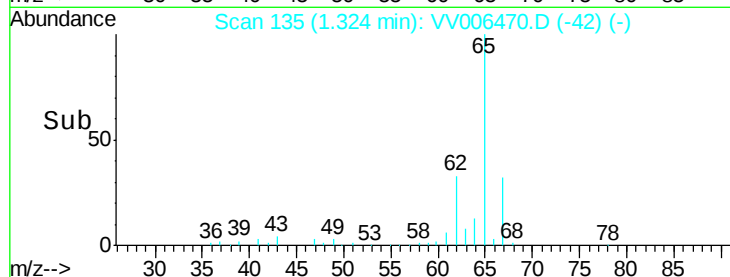
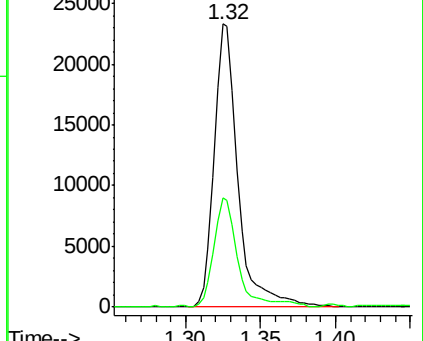
62 100

64 38.4 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 0.39 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

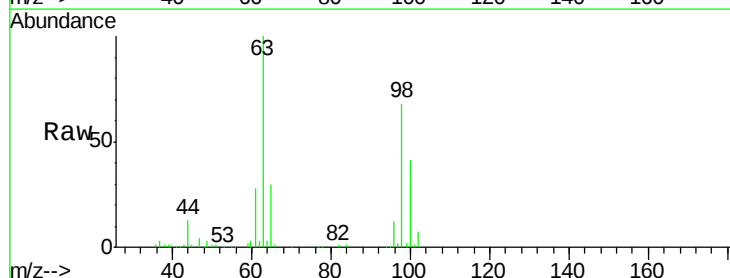
Tgt Ion: 96 Resp: 7447

Ion Ratio Lower Upper

96 100

61 227.0 111.4 207.0#

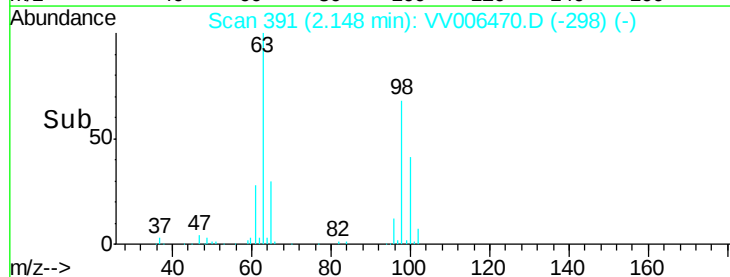
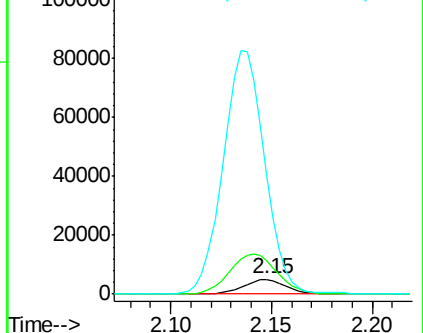
63 811.4 87.4 162.2#

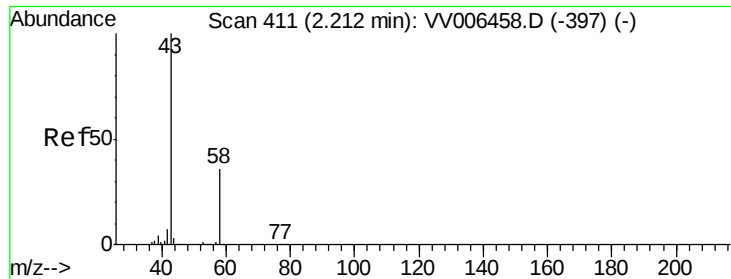


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.18 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

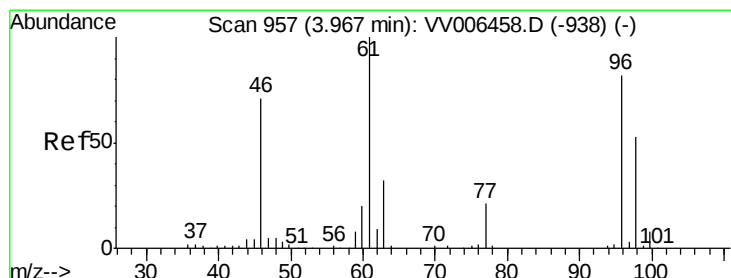
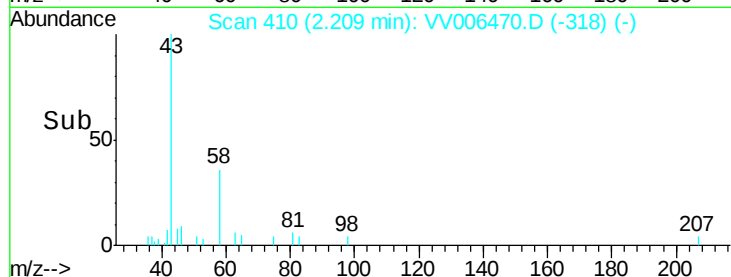
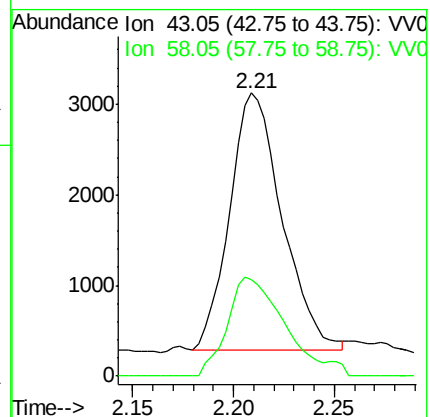
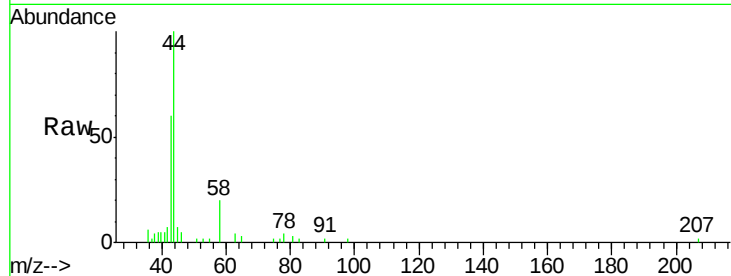
DAZA4

Tot Ion: 43 Resp: 5152

Ion Ratio Lower Upper

43 100

58 42.4 0.0 77.4



#22

cis-1,2-Dichloroethene

Concen: 11.20 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

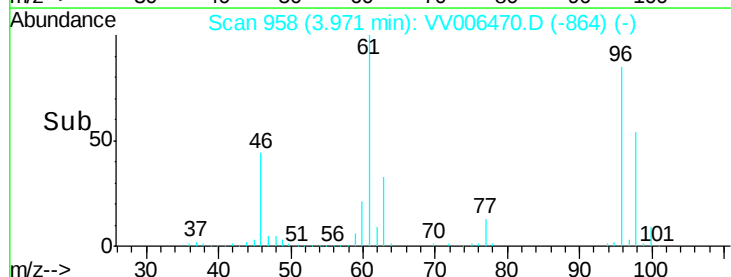
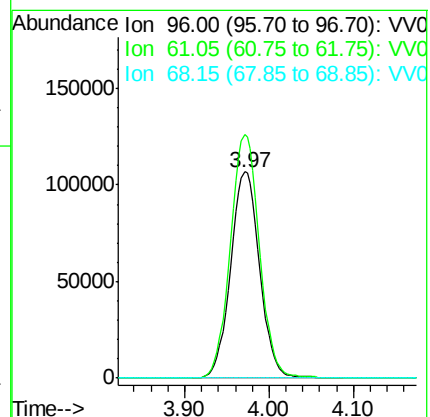
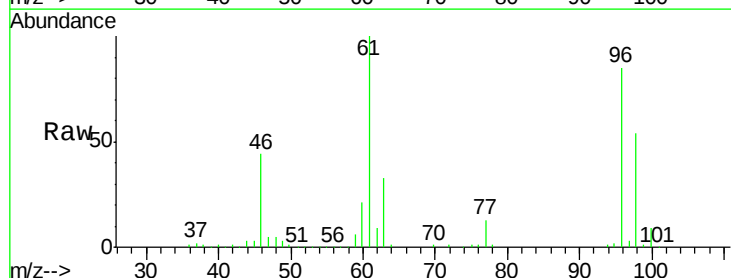
Tgt Ion: 96 Resp: 254800

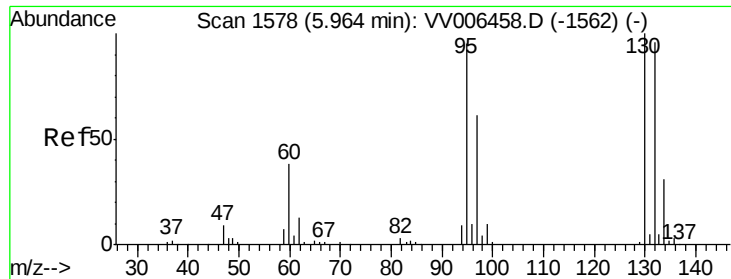
Ion Ratio Lower Upper

96 100

61 118.1 81.8 151.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 120.67 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

Instrument :

MSVOA_V

ClientSampleId :

DAZA4

Tot Ion: 95 Resp: 2884255

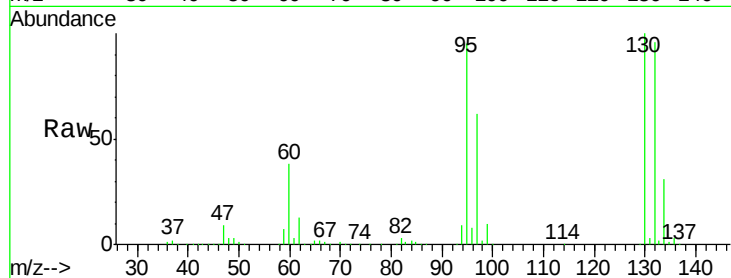
Ion Ratio Lower Upper

95 100

97 65.1 44.6 82.8

132 100.7 70.1 130.1

130 105.0 73.3 136.1

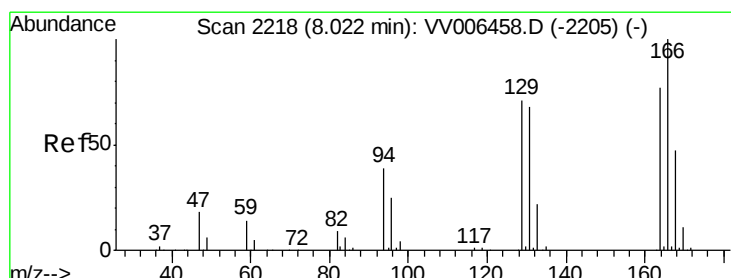
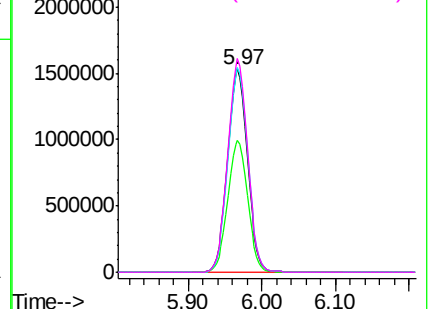
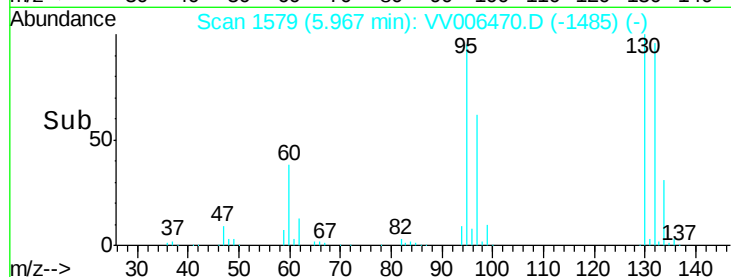


Abundance Ion 95.00 (94.70 to 95.70): VV006470.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006470.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006470.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006470.D (-1485) (-)



#47

Tetrachloroethene

Concen: 0.66 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006470.D

Acq: 26 Jun 2018 16:35

Tgt Ion: 164 Resp: 11999

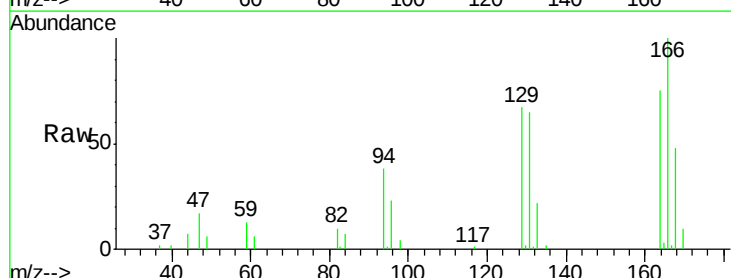
Ion Ratio Lower Upper

164 100

129 90.1 64.0 118.8

131 87.0 61.7 114.5

166 133.8 89.0 165.2



Abundance Ion 163.90 (163.60 to 164.60): VV006470.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006470.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006470.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006470.D (-2125) (-)

