

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090518\
 Data File : VV007415.D
 Acq On : 06 Sep 2018 04:43
 Operator : SY/MD
 Sample : J4751-07 50X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEGH8

Quant Time: Sep 06 07:38:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 02:12:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	513833	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	529248	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	199832	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144465	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.72%
7) Chloroethane-d5	1.56	69	115096	47.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.74%
11) 1,1-Dichloroethene-d2	2.13	63	206065	31.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.74%
21) 2-Butanone-d5	3.95	46	225386	75.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.50%
24) Chloroform-d	4.40	84	325869	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	5.09	65	206342	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.10%
32) Benzene-d6	5.10	84	634986	39.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.62%
36) 1,2-Dichloropropane-d6	6.12	67	222061	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.08%
41) Toluene-d8	7.36	98	520759	37.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.86%#
43) trans-1,3-Dichloropropene-	7.67	79	83177	36.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.06%
47) 2-Hexanone-d5	8.14	63	178895	85.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.37%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	311249	42.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.26%
64) 1,2-Dichlorobenzene-d4	11.68	152	207975	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%

Target Compounds

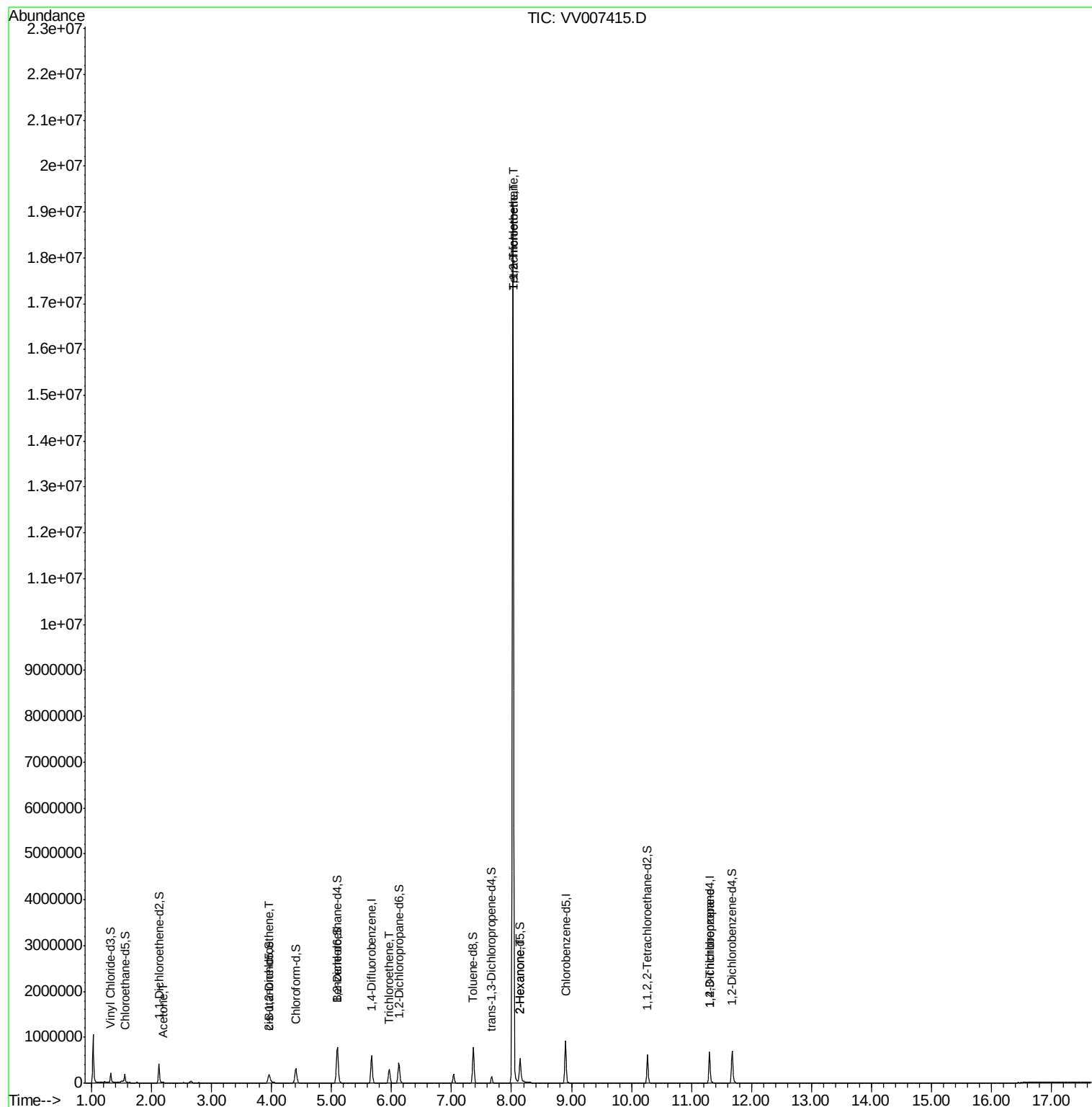
					Qvalue
13) Acetone	2.20	43	2166	1.218 ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	18350	4.498 ug/L	97
34) Trichloroethene	5.96	95	106712	25.822 ug/L	99
45) 1,1,2-Trichloroethane	8.02	97	32603	7.425 ug/L #	1
46) Tetrachloroethene	8.03	164	4425970	1331.889 ug/L	98
48) 2-Hexanone	8.14	43	21670	5.170 ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	22726	4.107 ug/L	93

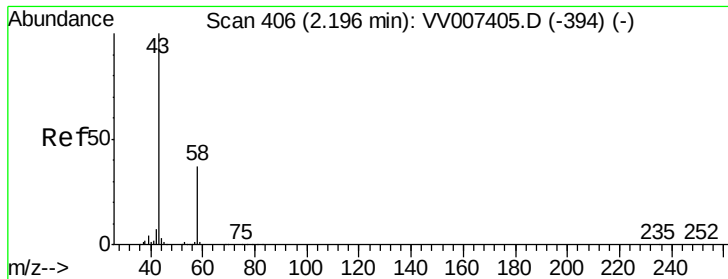
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 06 02:12:11 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.218 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV007415.D

Acq: 06 Sep 2018 04:43

Instrument :

MSVOA_V

ClientSampleId :

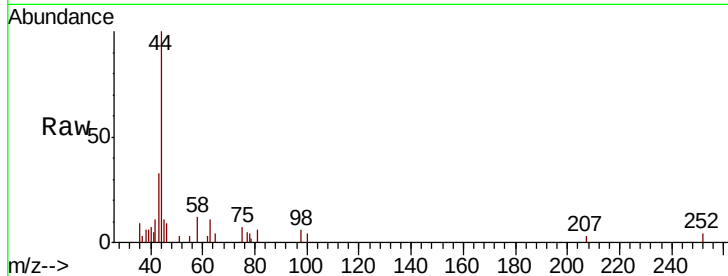
BEGH8

Tgt Ion: 43 Resp: 2166

Ion Ratio Lower Upper

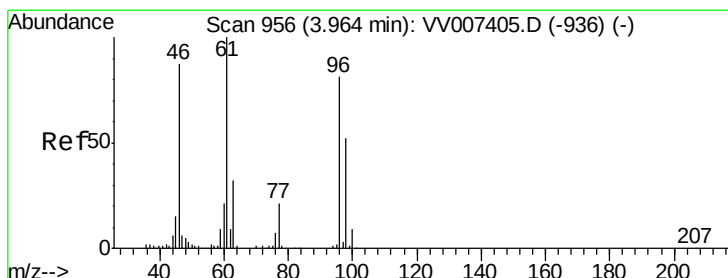
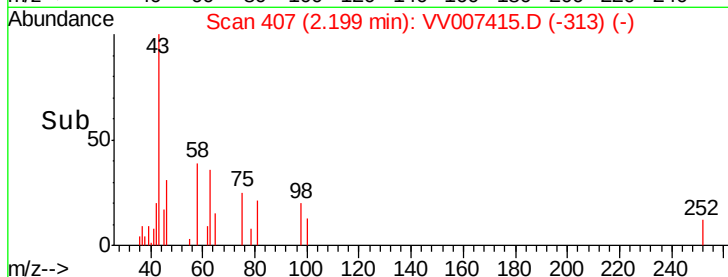
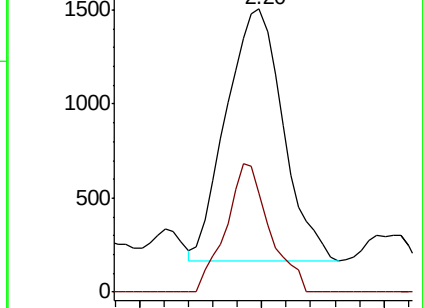
43 100

58 39.2 0.0 71.2



Abundance Ion 43.00 (42.70 to 43.70): VV007415.D (-394) (-)

Ion 58.00 (57.70 to 58.70): VV007415.D (-394) (-)



#20

cis-1,2-Dichloroethene

Concen: 4.498 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV007415.D

Acq: 06 Sep 2018 04:43

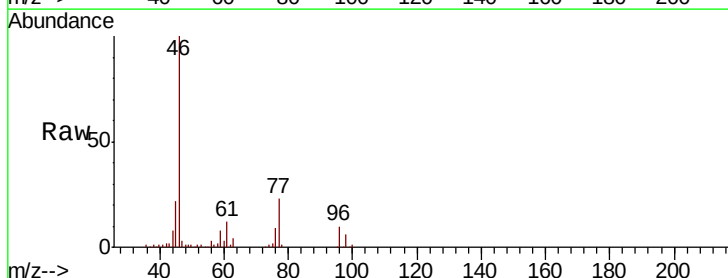
Tgt Ion: 96 Resp: 18350

Ion Ratio Lower Upper

96 100

61 126.9 86.8 161.2

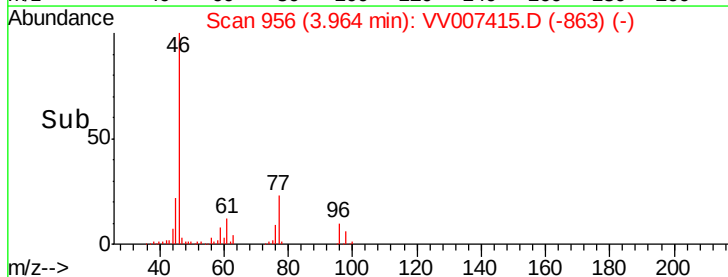
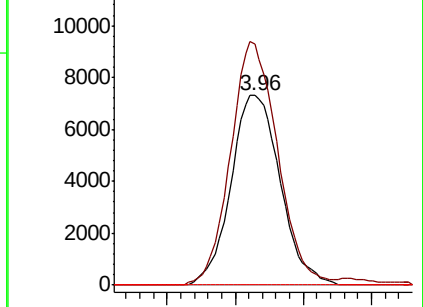
68 0.0 0.0 0.0

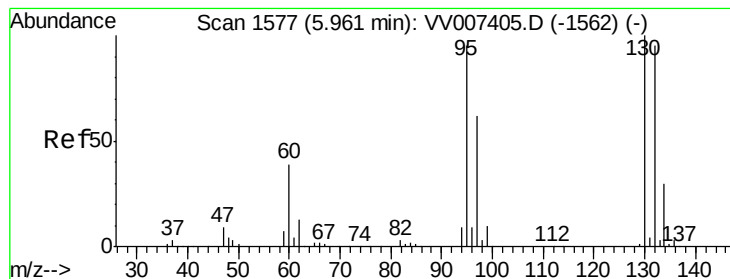


Abundance Ion 96.00 (95.70 to 96.70): VV007415.D (-863) (-)

Ion 61.00 (60.70 to 61.70): VV007415.D (-863) (-)

Ion 68.00 (67.70 to 68.70): VV007415.D (-863) (-)





#34

Trichloroethene

Concen: 25.822 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV007415.D

Acq: 06 Sep 2018 04:43

Instrument :

MSVOA_V

ClientSampleId :

BEGH8

Tgt Ion: 95 Resp: 106712

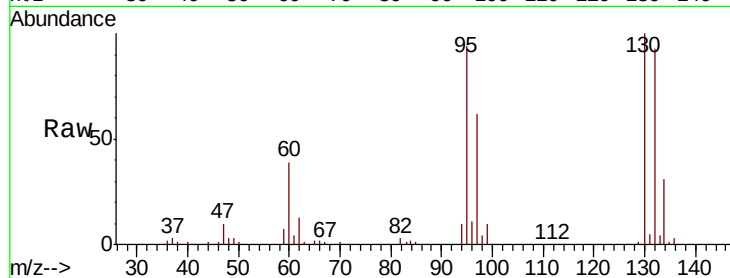
Ion Ratio Lower Upper

95 100

97 66.3 46.1 85.7

132 99.1 70.8 131.6

130 106.5 73.9 137.3



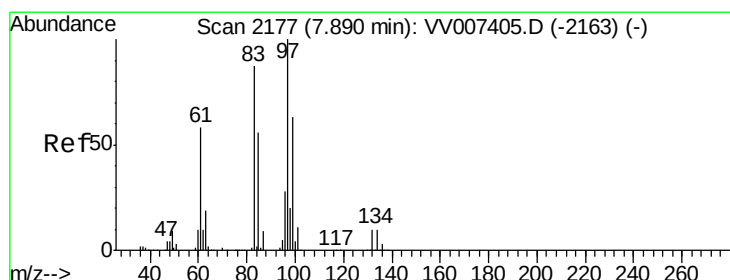
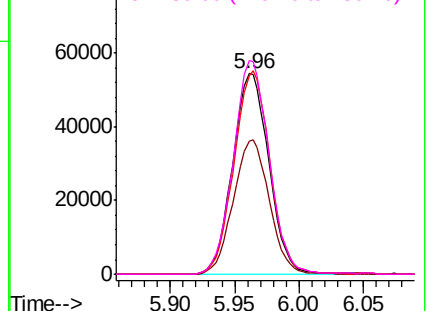
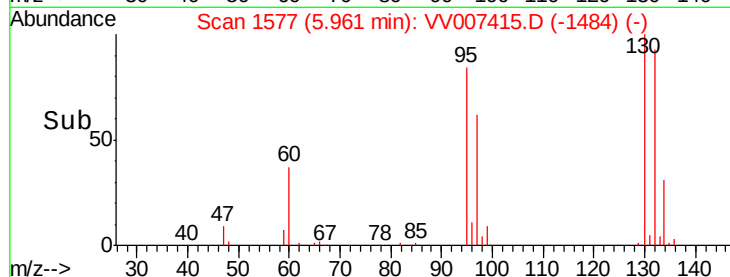
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#45

1,1,2-Trichloroethane

Concen: 7.425 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.13 min

Lab File: VV007415.D

Acq: 06 Sep 2018 04:43

Tgt Ion: 97 Resp: 32603

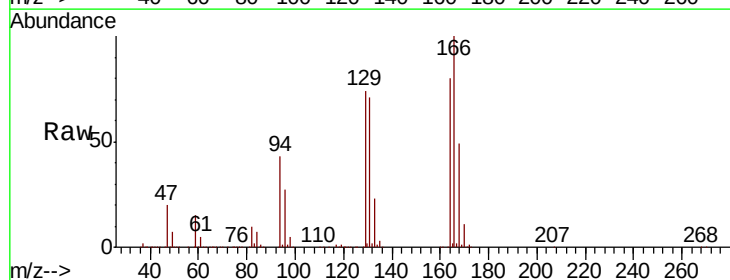
Ion Ratio Lower Upper

97 100

99 17.0 44.0 81.6#

83 335.0 60.1 111.5#

85 46.4 38.4 71.2



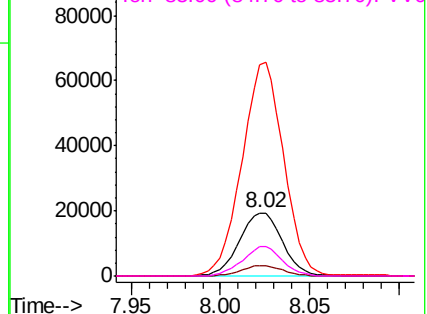
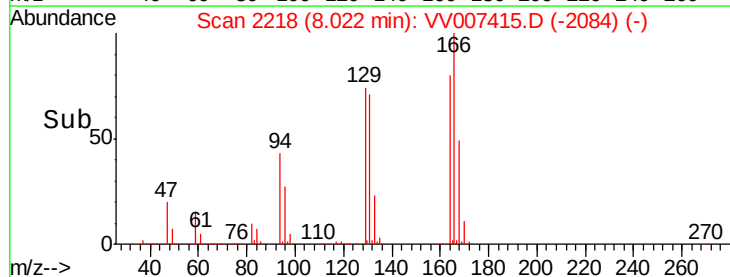
Abundance

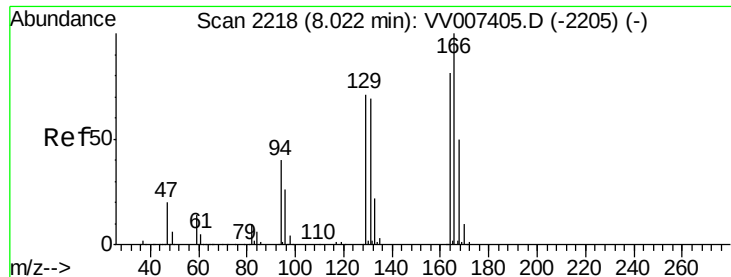
Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#46

Tetrachloroethene

Concen: 1331.889 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV007415.D

Acq: 06 Sep 2018 04:43

Instrument :

MSVOA_V

ClientSampleId :

BEGH8

Tgt Ion:164 Resp: 4425970

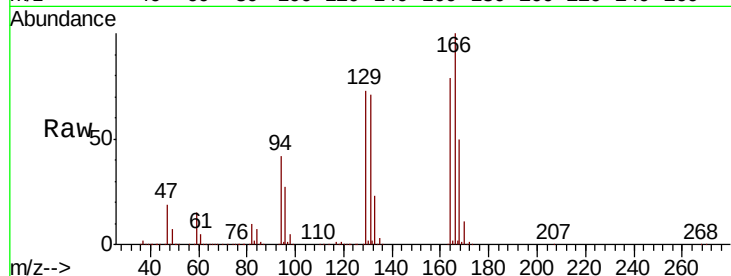
Ion Ratio Lower Upper

164 100

129 91.9 63.9 118.7

131 89.0 62.6 116.2

166 126.0 91.6 170.2

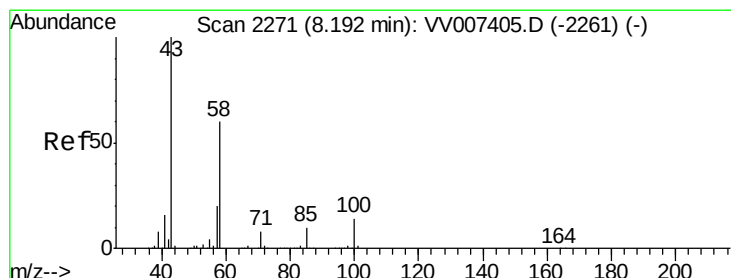
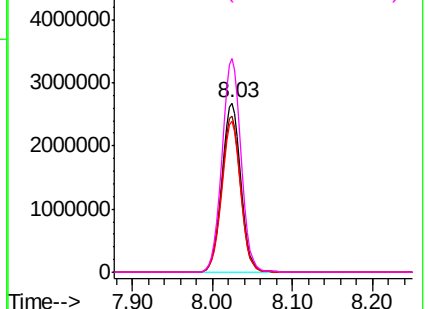
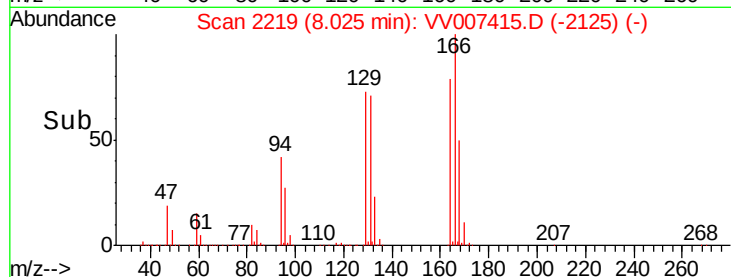


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 5.170 ug/L

RT: 8.14 min Scan# 2255

Delta R.T. -0.05 min

Lab File: VV007415.D

Acq: 06 Sep 2018 04:43

Tgt Ion: 43 Resp: 21670

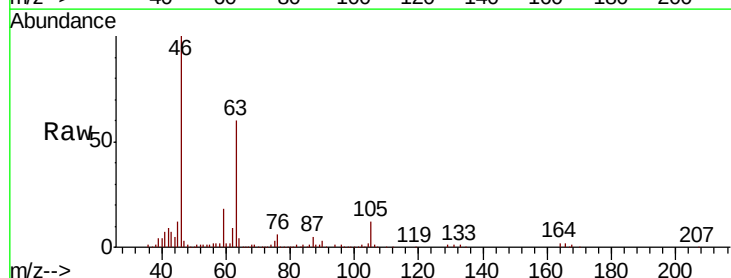
Ion Ratio Lower Upper

43 100

58 42.3 48.6 72.8#

57 34.3 16.2 24.2#

100 2.9 11.1 16.7#

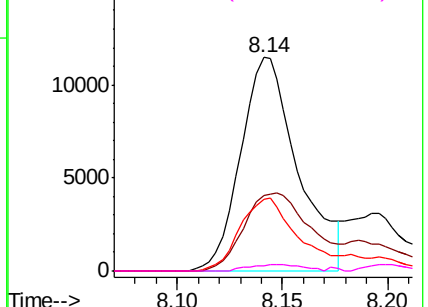
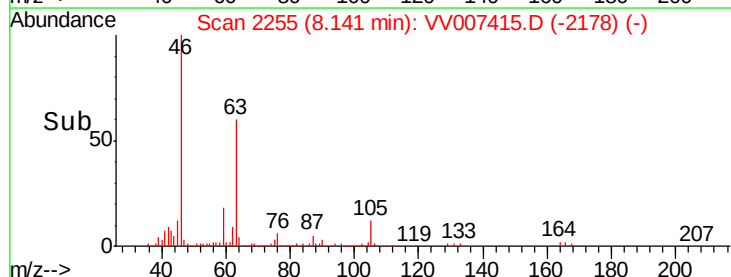


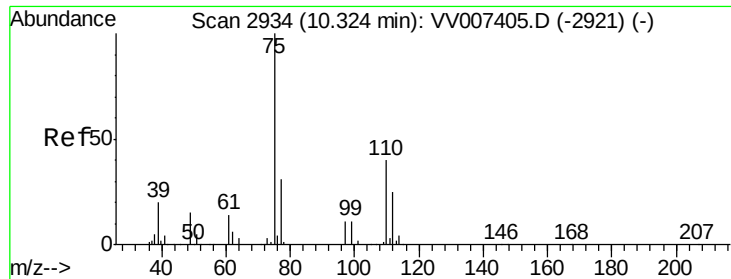
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.107 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007415.D

Acq: 06 Sep 2018 04:43

Instrument :

MSVOA_V

ClientSampleId :

BEGH8

Tgt Ion: 75 Resp: 22726

Ion Ratio Lower Upper

75 100

77 35.7 25.5 38.3

