

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090618\
 Data File : VV007444.D
 Acq On : 07 Sep 2018 02:12
 Operator : SY/MD
 Sample : J4751-02 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 07 04:04:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 03:09:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	523478	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	514775	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	190014	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	161315	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.56	69	122720	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	209493	31.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.60%
21) 2-Butanone-d5	3.96	46	191332	62.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.91%
24) Chloroform-d	4.41	84	325136	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
26) 1,2-Dichloroethane-d4	5.09	65	208529	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
32) Benzene-d6	5.10	84	659043	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
36) 1,2-Dichloropropane-d6	6.12	67	222158	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.46%
41) Toluene-d8	7.36	98	515927	38.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.26%#
43) trans-1,3-Dichloropropene-	7.67	79	59715	26.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.92%#
47) 2-Hexanone-d5	8.14	63	154557	75.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.83%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	298407	42.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	193839	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%

Target Compounds

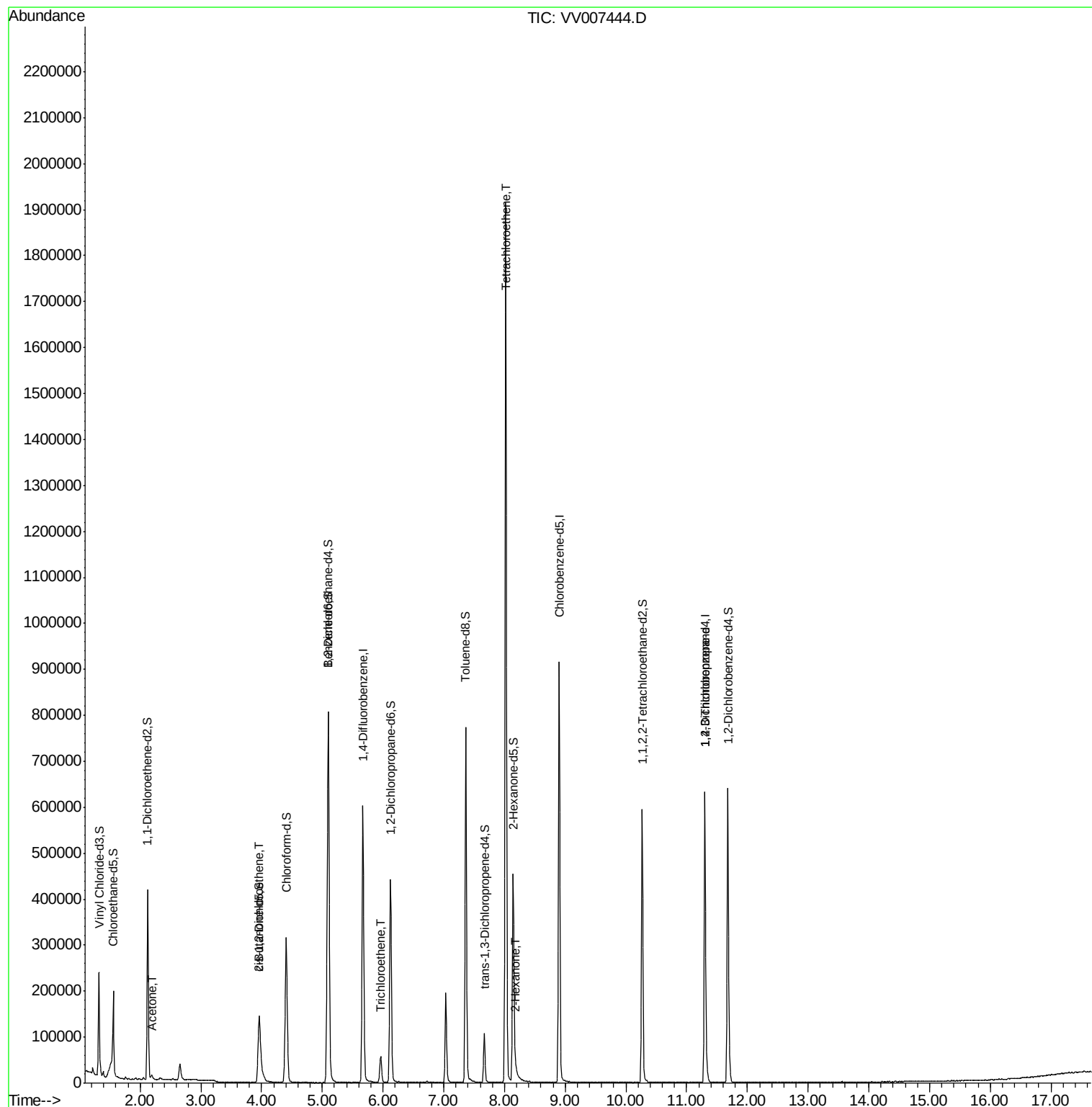
					Ovalue
13) Acetone	2.19	43	3801	2.099 ug/L	80
20) cis-1,2-Dichloroethene	3.96	96	7339	1.766 ug/L	85
34) Trichloroethene	5.96	95	19067	4.743 ug/L	93
46) Tetrachloroethene	8.02	164	451536	139.699 ug/L	98
48) 2-Hexanone	8.19	43	5296	1.299 ug/L #	41
59) 1,2,3-Trichloropropane	11.30	75	20761	3.858 ug/L	90

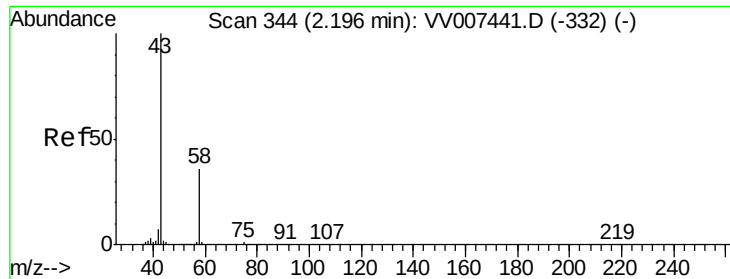
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 07 03:09:50 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.099 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007444.D

Acq: 07 Sep 2018 02:12

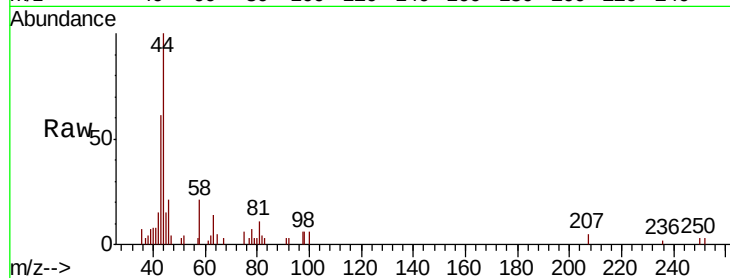
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 3801

Ion Ratio Lower Upper

43 100

58 47.5 0.0 71.2



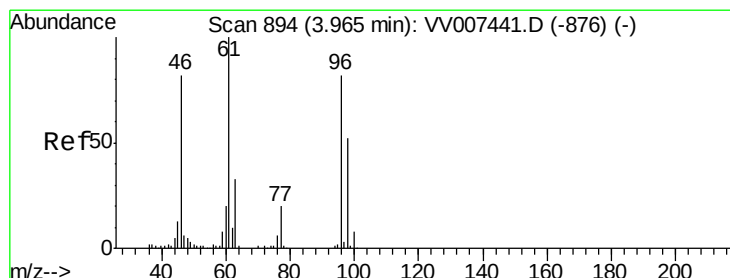
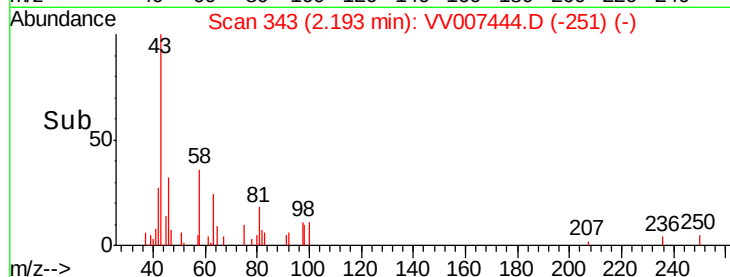
Abundance Ion 43.00 (42.70 to 43.70): VV007441.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV007441.D (-332) (-)

2.19

2.15 2.20

Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.766 ug/L

RT: 3.96 min Scan# 893

Delta R.T. -0.00 min

Lab File: VV007444.D

Acq: 07 Sep 2018 02:12

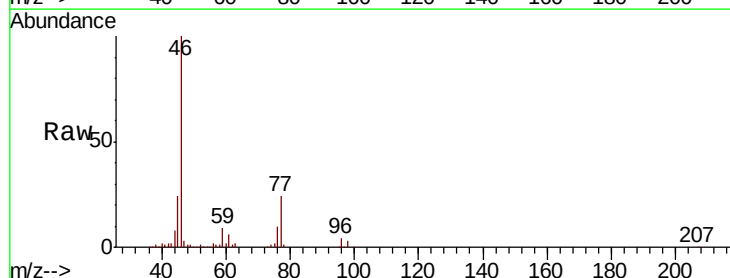
Tgt Ion: 96 Resp: 7339

Ion Ratio Lower Upper

96 100

61 140.9 86.8 161.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007441.D (-876) (-)

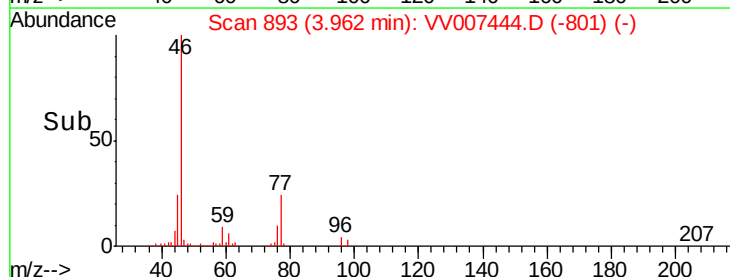
Ion 61.00 (60.70 to 61.70): VV007441.D (-876) (-)

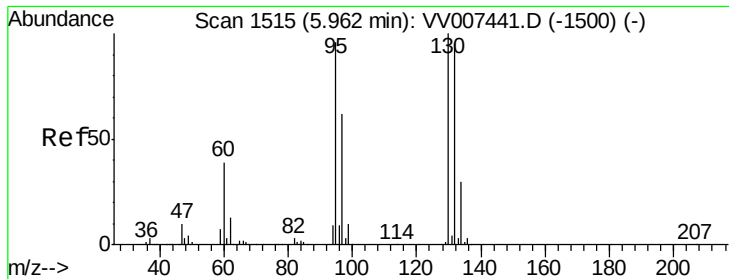
Ion 68.00 (67.70 to 68.70): VV007441.D (-876) (-)

3.96

3.90 4.00 4.05

Time-->





#34

Trichloroethene

Concen: 4.743 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007444.D

Acq: 07 Sep 2018 02:12

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 95 Resp: 19067

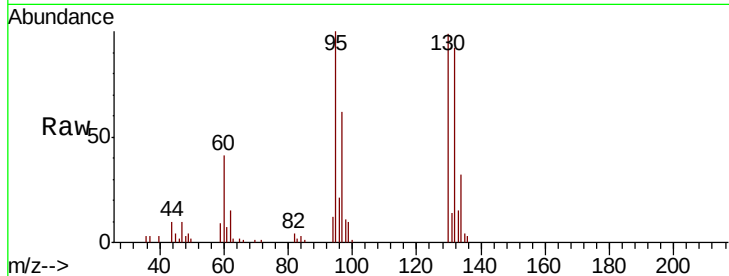
Ion Ratio Lower Upper

95 100

97 61.9 46.1 85.7

132 92.4 70.8 131.6

130 99.3 73.9 137.3



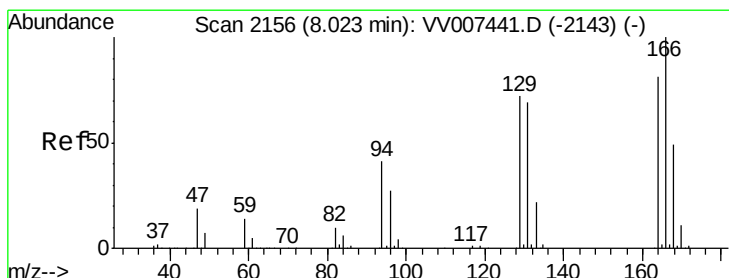
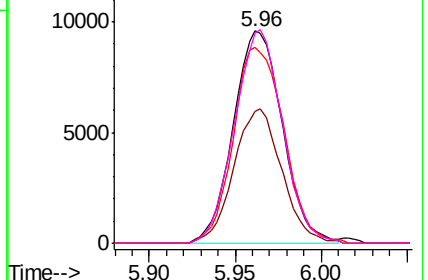
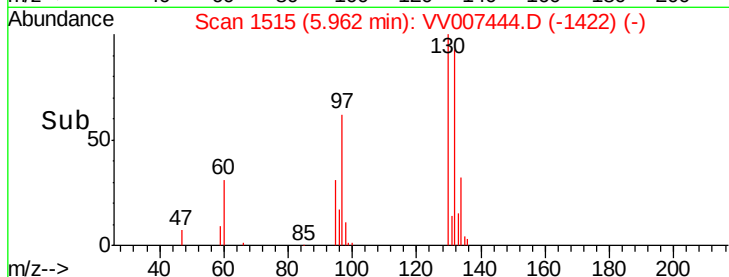
Abundance

Ion 95.00 (94.70 to 95.70): VV007444.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV007444.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV007444.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV007444.D (-1500) (-)



#46

Tetrachloroethene

Concen: 139.699 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007444.D

Acq: 07 Sep 2018 02:12

Tgt Ion: 164 Resp: 451536

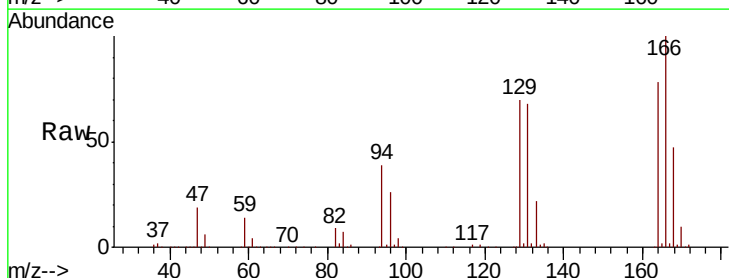
Ion Ratio Lower Upper

164 100

129 90.5 63.9 118.7

131 87.7 62.6 116.2

166 128.9 91.6 170.2



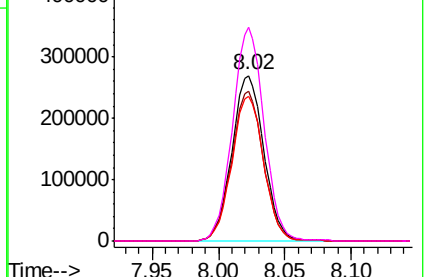
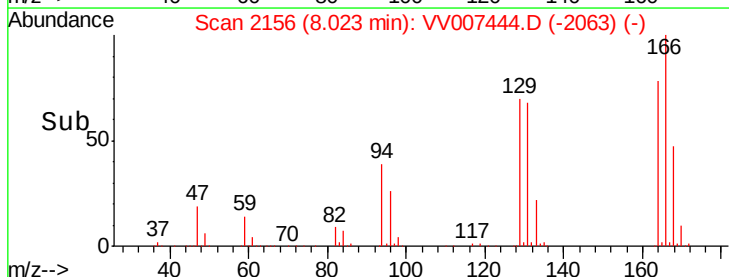
Abundance

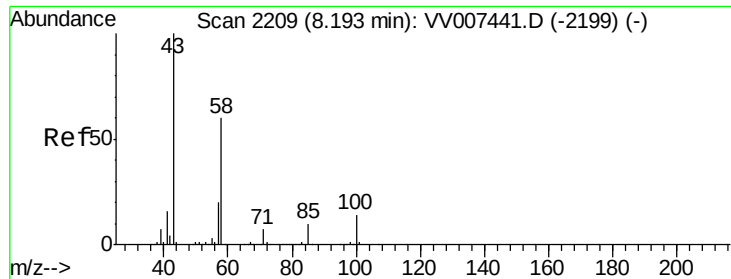
Ion 164.00 (163.70 to 164.70): VV007444.D (-2143) (-)

Ion 129.00 (128.70 to 129.70): VV007444.D (-2143) (-)

Ion 131.00 (130.70 to 131.70): VV007444.D (-2143) (-)

Ion 166.00 (165.70 to 166.70): VV007444.D (-2143) (-)

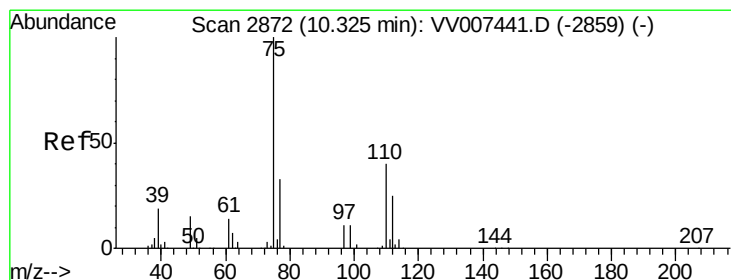
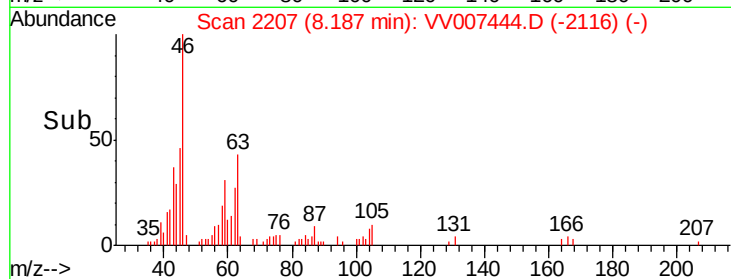
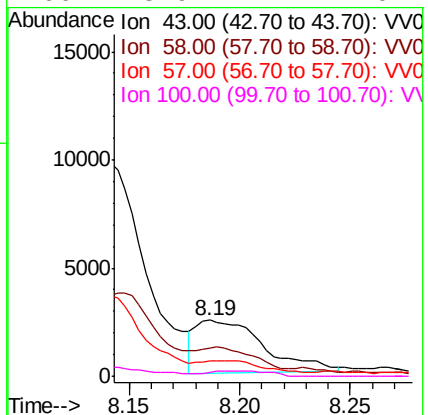
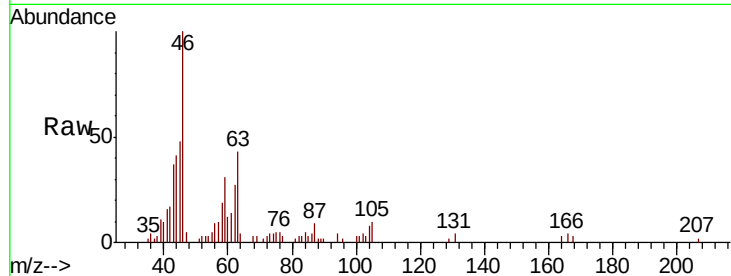




#48
 2-Hexanone
 Concen: 1.299 ug/L
 RT: 8.19 min Scan# 2207
 Delta R.T. -0.01 min
 Lab File: VV007444.D
 Acq: 07 Sep 2018 02:12

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 43 Resp: 5296
 Ion Ratio Lower Upper
 43 100
 58 3.3 48.6 72.8#
 57 0.0 16.2 24.2#
 100 8.9 11.1 16.7#



#59
 1,2,3-Trichloropropane
 Concen: 3.858 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.97 min
 Lab File: VV007444.D
 Acq: 07 Sep 2018 02:12

Tgt Ion: 75 Resp: 20761
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.5 38.3

