

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
 Data File : VV007304.D
 Acq On : 31 Aug 2018 16:39
 Operator : SY/MD
 Sample : J4665-08
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA4

Quant Time: Sep 01 00:03:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	601228	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	575441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	222099	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	171157	47.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.22%
7) Chloroethane-d5	1.58	69	111586	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.54%
11) 1,1-Dichloroethene-d2	2.13	63	237714	35.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.48%
21) 2-Butanone-d5	3.97	46	272543	92.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.76%
24) Chloroform-d	4.41	84	364416	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
26) 1,2-Dichloroethane-d4	5.09	65	230994	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
32) Benzene-d6	5.11	84	745654	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.13	67	247638	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.37	98	618875	44.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.50%
43) trans-1,3-Dichloropropene-	7.67	79	101103	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.42%
47) 2-Hexanone-d5	8.15	63	179546	93.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.99%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	328240	47.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	239471	53.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.34%

Target Compounds

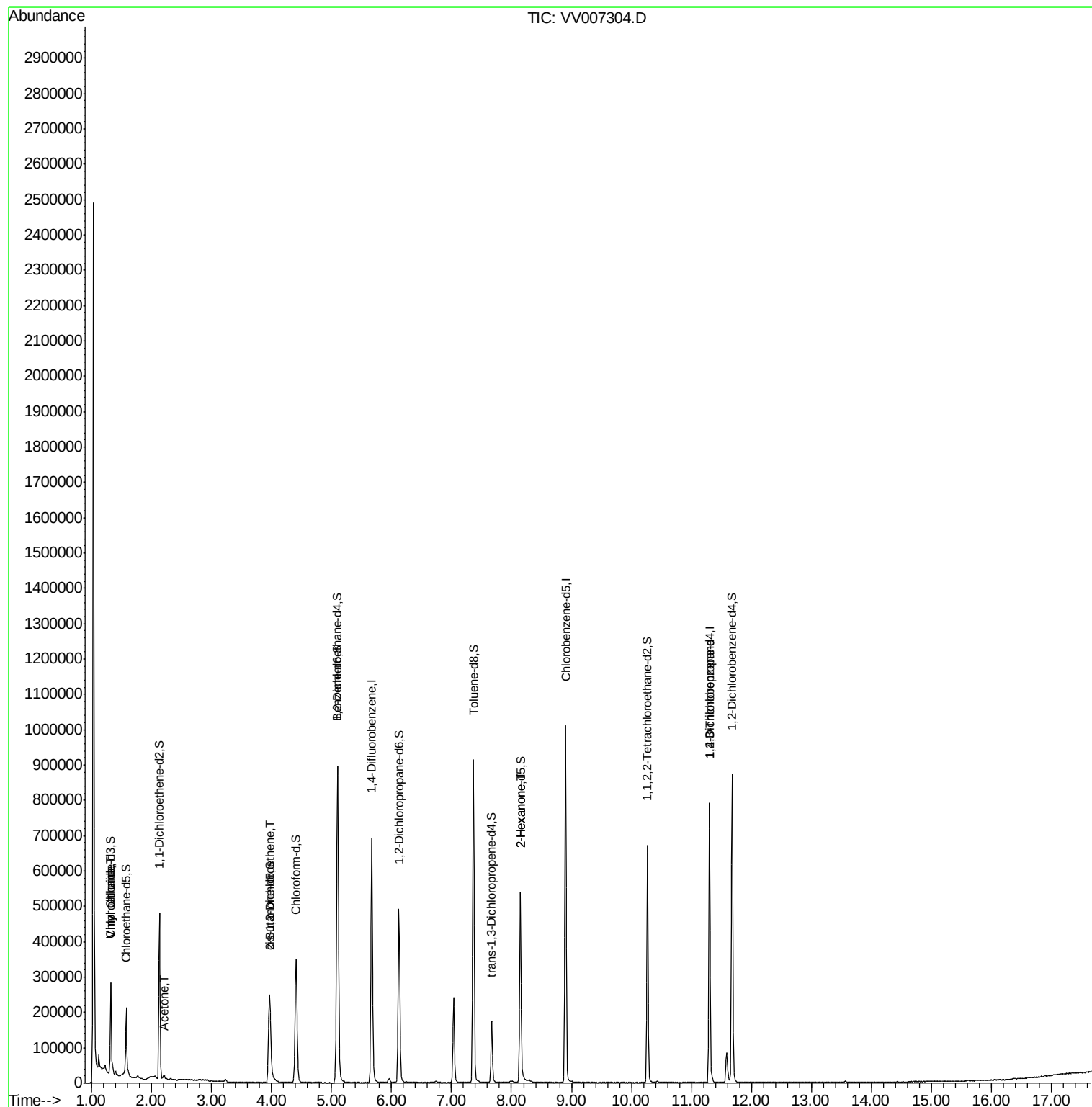
					Qvalue
5) Vinyl chloride	1.33	62	28555	5.860 ug/L	92
8) Chloroethane	1.32	64	11709	5.281 ug/L	92
13) Acetone	2.21	43	9498	3.750 ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	55549	12.279 ug/L	100
48) 2-Hexanone	8.14	43	21628	4.979 ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	25030	4.482 ug/L	94

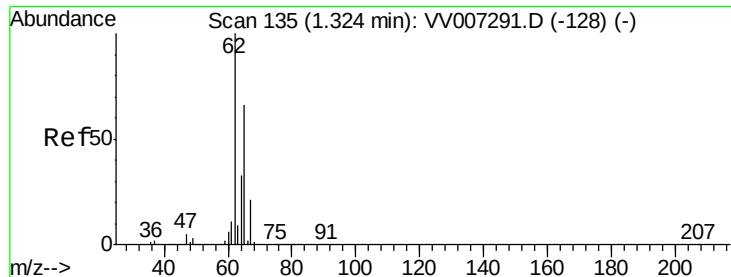
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 23:57:34 2018
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#5

Vinyl chloride

Concen: 5.860 ug/L

RT: 1.33 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV007304.D

Acq: 31 Aug 2018 16:39

Instrument :

MSVOA_V

ClientSampled :

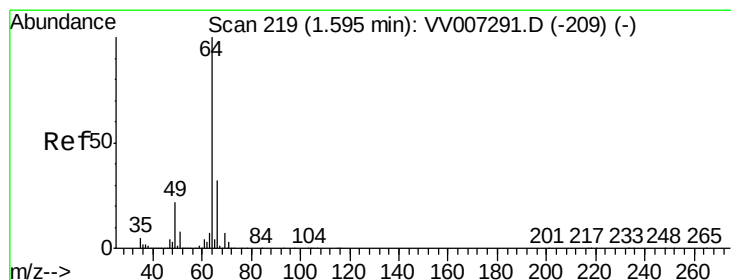
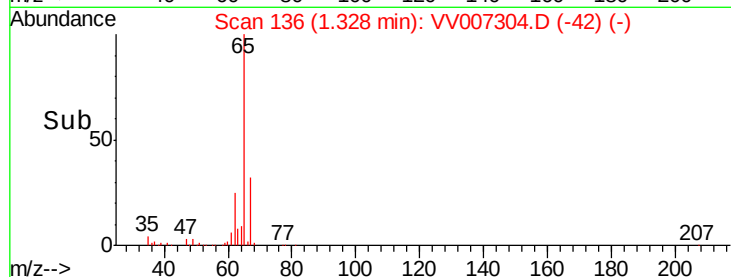
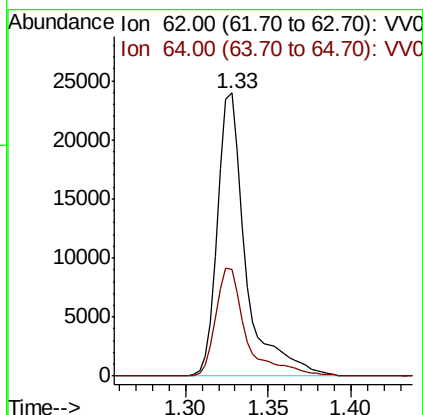
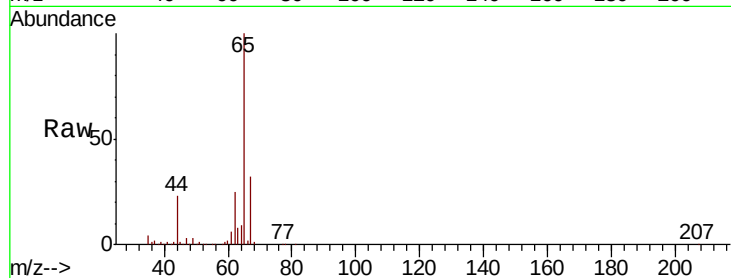
E0AA4

Tgt Ion: 62 Resp: 28555

Ion Ratio Lower Upper

62 100

64 37.6 23.2 43.0



#8

Chloroethane

Concen: 5.281 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.27 min

Lab File: VV007304.D

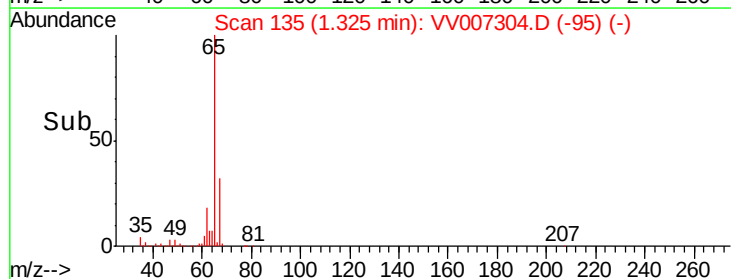
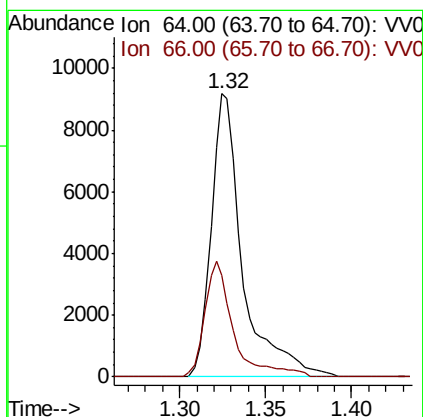
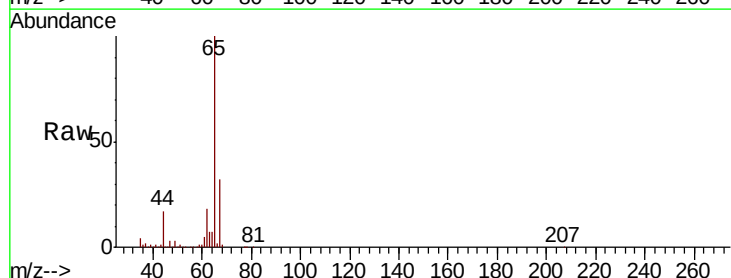
Acq: 31 Aug 2018 16:39

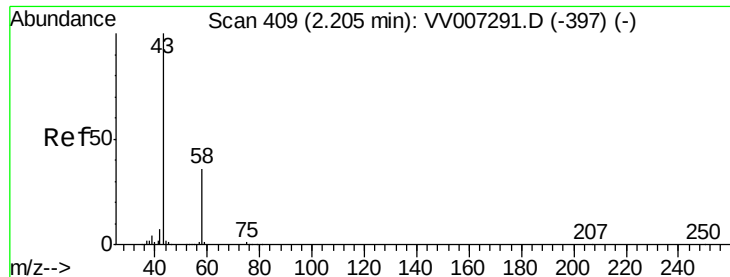
Tgt Ion: 64 Resp: 11709

Ion Ratio Lower Upper

64 100

66 36.1 22.3 41.3





#13

Acetone

Concen: 3.750 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007304.D

Acq: 31 Aug 2018 16:39

Instrument :

MSVOA_V

ClientSampleId :

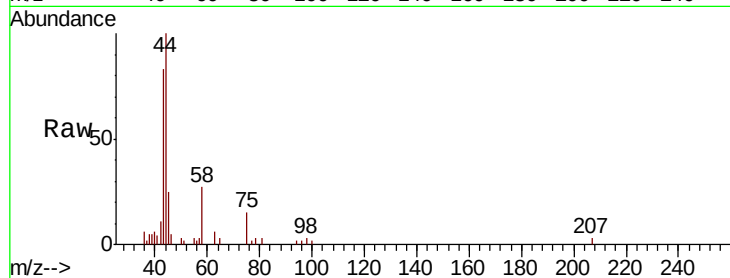
E0AA4

Tgt Ion: 43 Resp: 9498

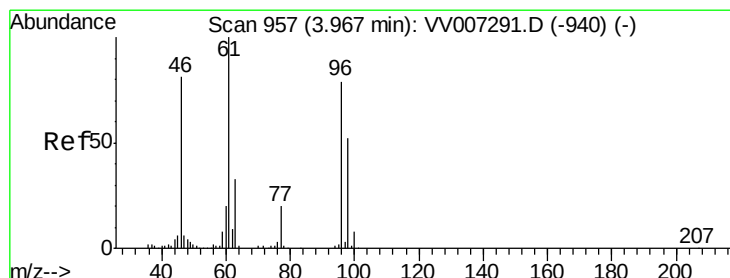
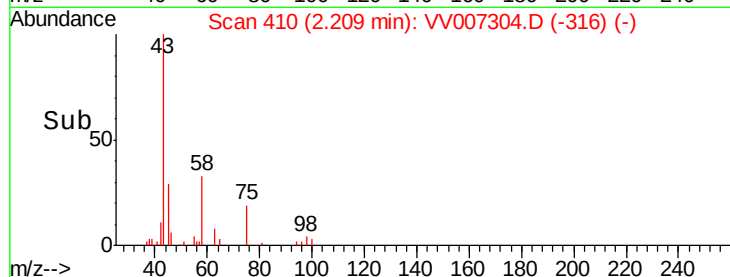
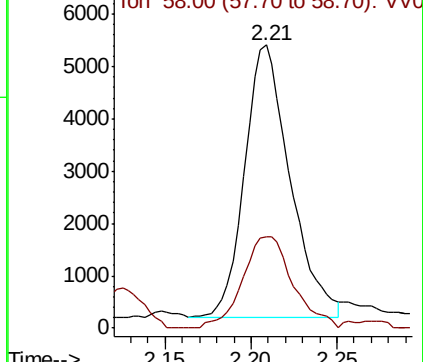
Ion Ratio Lower Upper

43 100

58 37.4 0.0 72.2



Abundance Ion 43.00 (42.70 to 43.70): VV007291.D (-397) (-)



#20

cis-1,2-Dichloroethene

Concen: 12.279 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007304.D

Acq: 31 Aug 2018 16:39

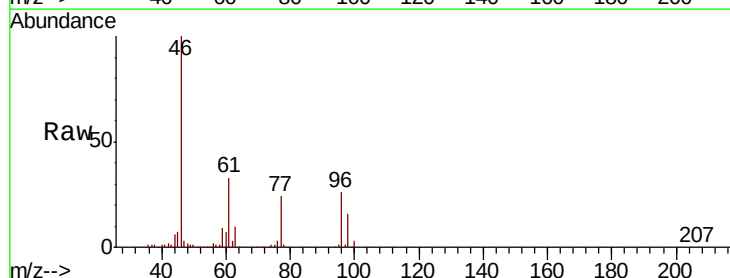
Tgt Ion: 96 Resp: 55549

Ion Ratio Lower Upper

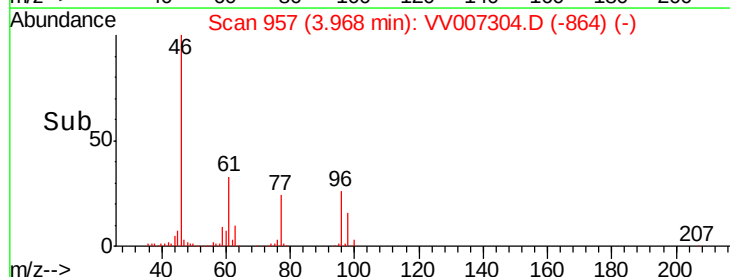
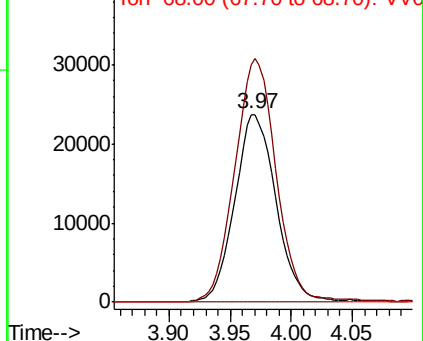
96 100

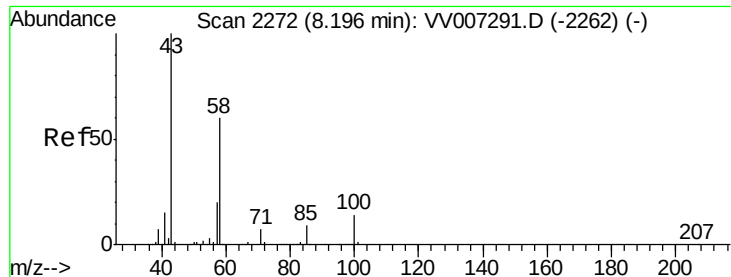
61 126.3 88.4 164.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007291.D (-940) (-)

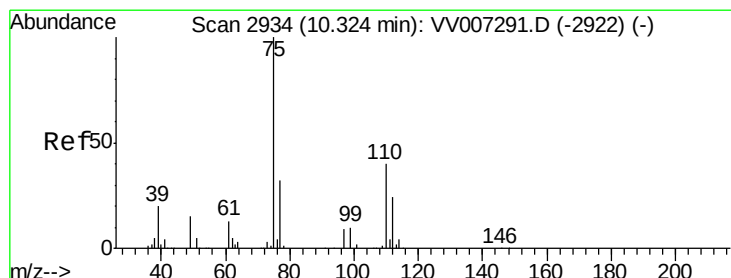
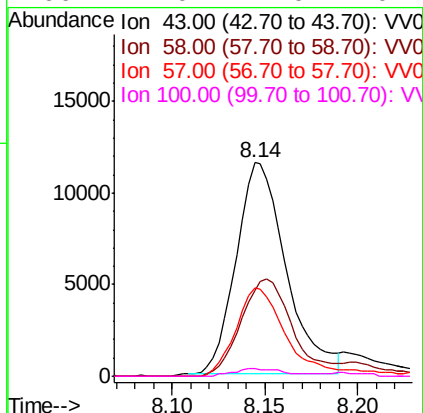
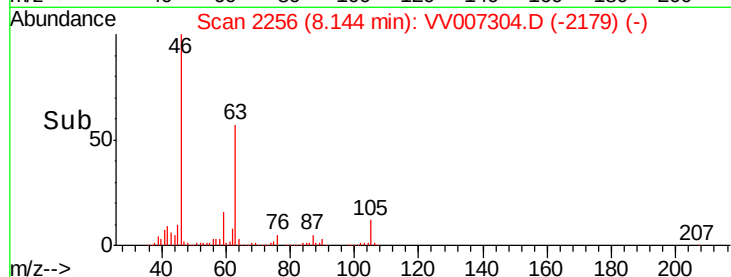
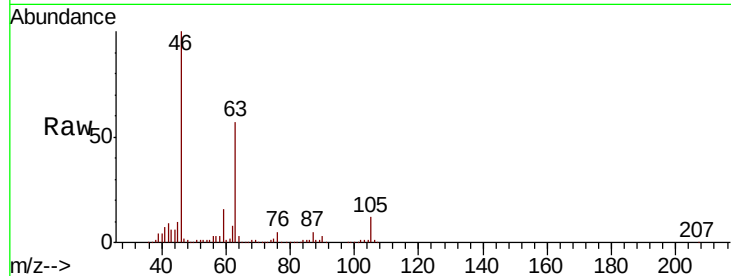




#48
 2-Hexanone
 Concen: 4.979 ug/L
 RT: 8.14 min Scan# 2256
 Delta R.T. -0.05 min
 Lab File: VV007304.D
 Acq: 31 Aug 2018 16:39

Instrument :
 MSVOA_V
 ClientSampled :
 E0AA4

Tgt Ion: 43 Resp: 21628
 Ion Ratio Lower Upper
 43 100
 58 47.6 48.2 72.4#
 57 40.9 15.9 23.9#
 100 2.0 11.0 16.4#



#59
 1,2,3-Trichloropropane
 Concen: 4.482 ug/L
 RT: 11.30 min Scan# 3237
 Delta R.T. 0.97 min
 Lab File: VV007304.D
 Acq: 31 Aug 2018 16:39

Tgt Ion: 75 Resp: 25030
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.9 38.9

