

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008192.D
 Acq On : 09 Oct 2018 10:29
 Operator : SY/MD
 Sample : VV1009WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Quant Time: Oct 10 03:12:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 03:08:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	79740	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36336	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22868	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.59	69	19258	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.14	63	33615	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.96	46	59893	49.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.41	84	47854	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	24344	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	93508	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	29789	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	82350	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.67	79	10086	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.14	63	33692	37.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19907	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	32869	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

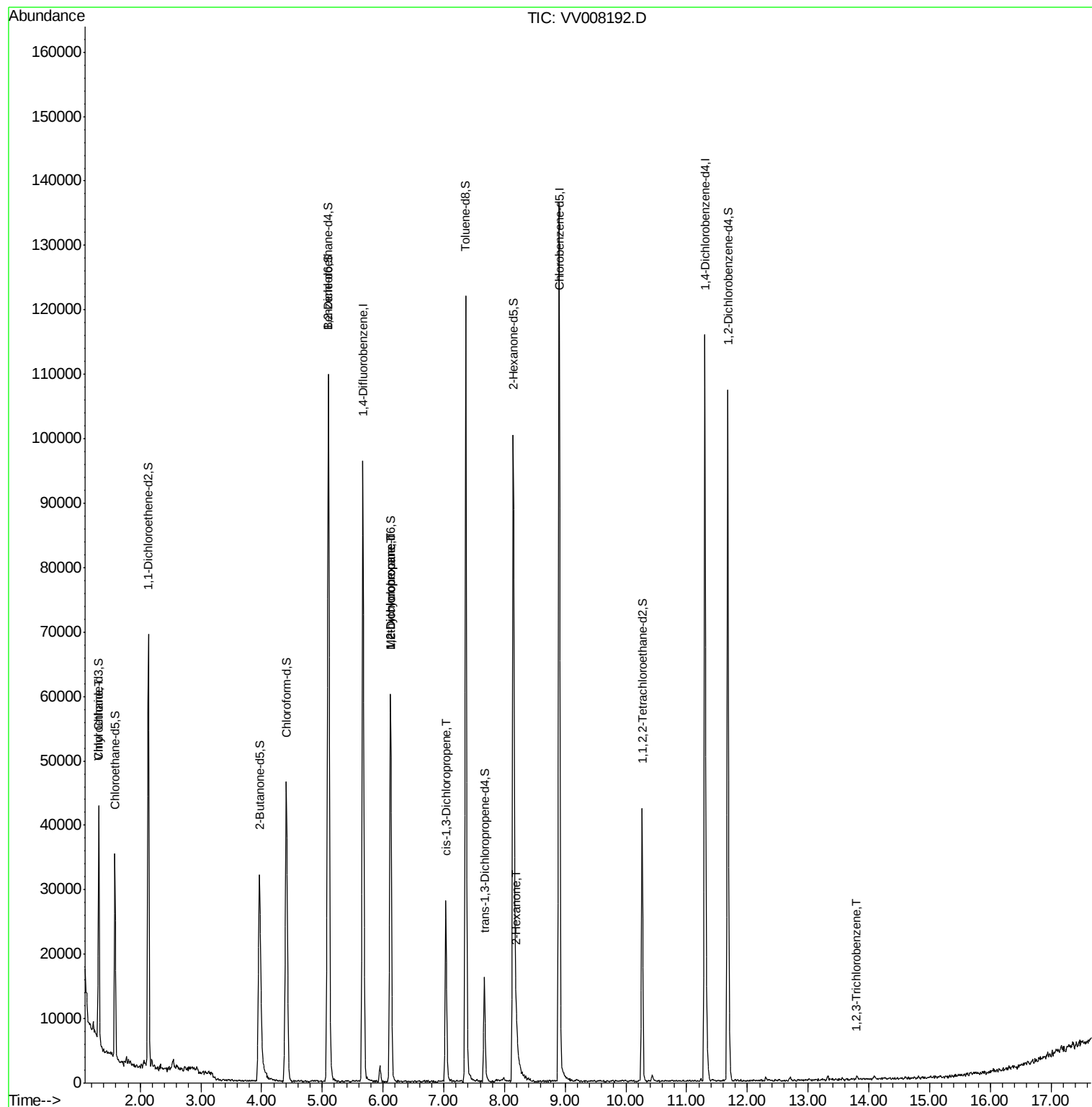
					Ovalue
8) Chloroethane	1.32	64	304	0.087 ug/L #	1
35) Methylcyclohexane	6.12	83	6958	0.848 ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3220	0.593 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	675	0.097 ug/L #	68
48) 2-Hexanone	8.20	43	4309	2.063 ug/L #	78
70) 1,2,3-Trichlorobenzene	13.80	180	367	0.056 ug/L #	50

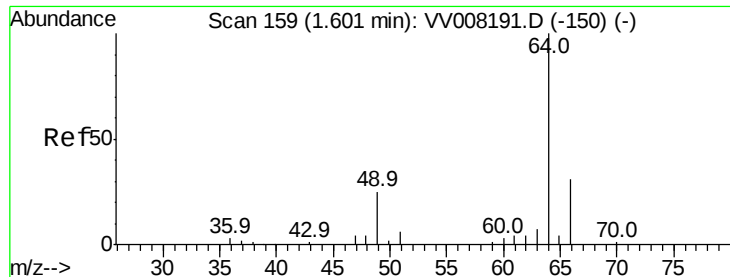
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 10 03:08:28 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008192.D

Acq: 09 Oct 2018 10:29

Instrument :

MSVOA_V

ClientSampleId :

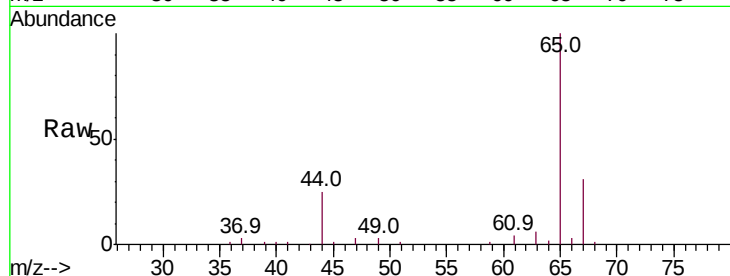
VBLK63

Tot Ion: 64 Resp: 304

Ion Ratio Lower Upper

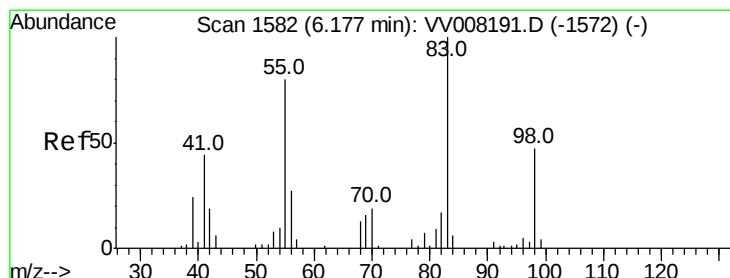
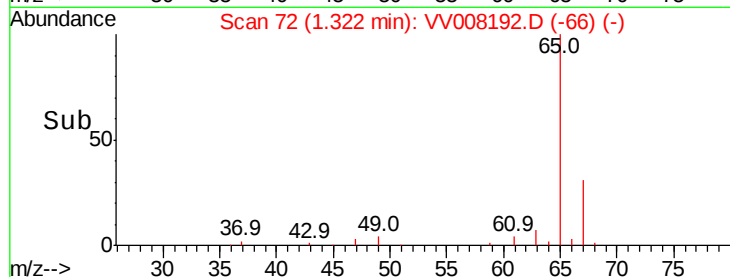
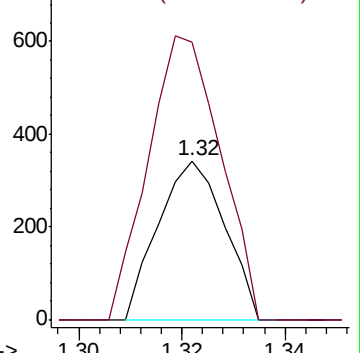
64 100

66 174.9 24.1 44.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008192.D

Acq: 09 Oct 2018 10:29

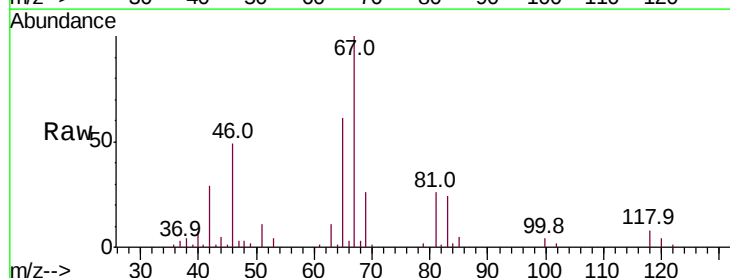
Tgt Ion: 83 Resp: 6958

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

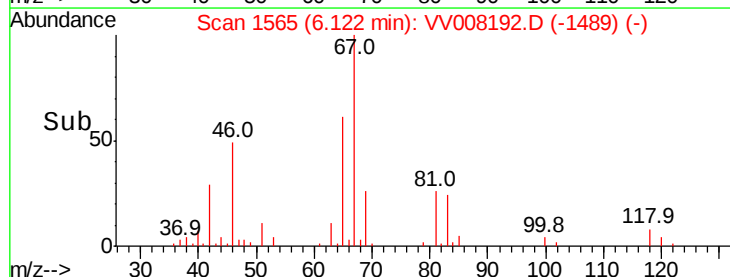
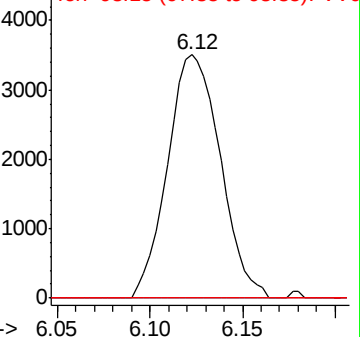
98 1.3 38.3 57.5#

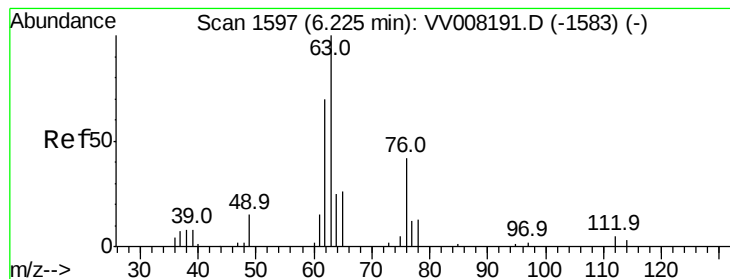


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008192.D

Acq: 09 Oct 2018 10:29

Instrument :

MSVOA_V

ClientSampleId :

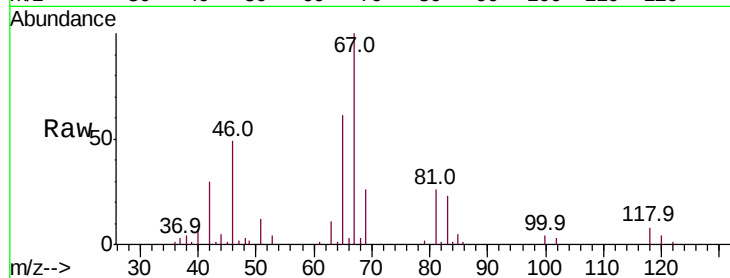
VBLK63

Tot Ion: 63 Resp: 3220

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008191.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008191.D (-1583) (-)

6.13

1500

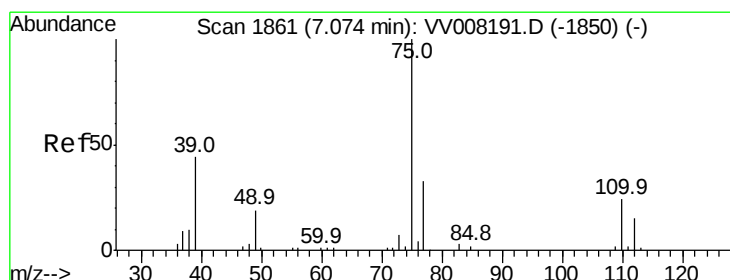
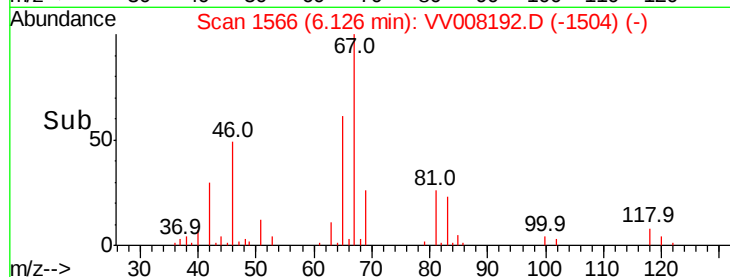
1000

500

0

6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008192.D

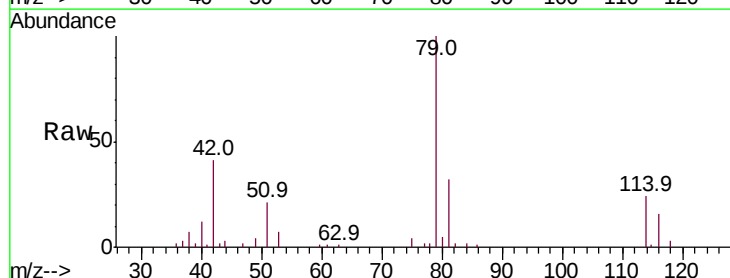
Acq: 09 Oct 2018 10:29

Tgt Ion: 75 Resp: 675

Ion Ratio Lower Upper

75 100

77 49.5 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008191.D (-1850) (-)

Ion 77.05 (76.75 to 77.75): VV008191.D (-1850) (-)

7.04

500

400

300

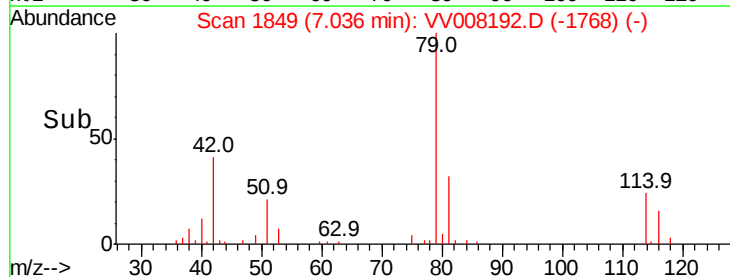
200

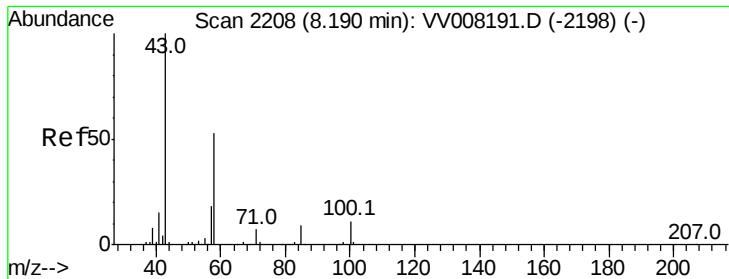
100

0

7.00 7.02 7.04 7.06

Time-->

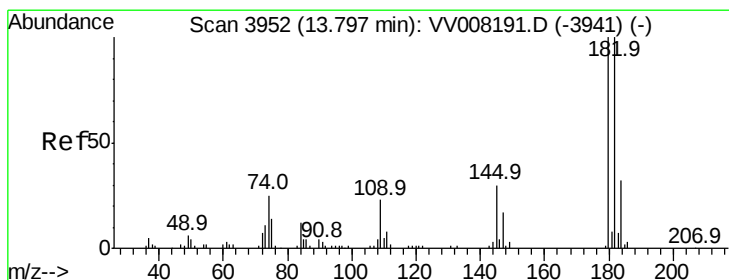
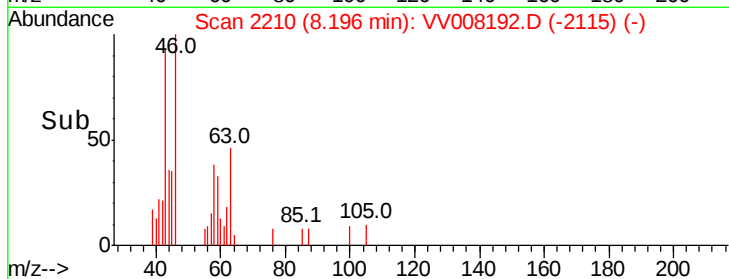
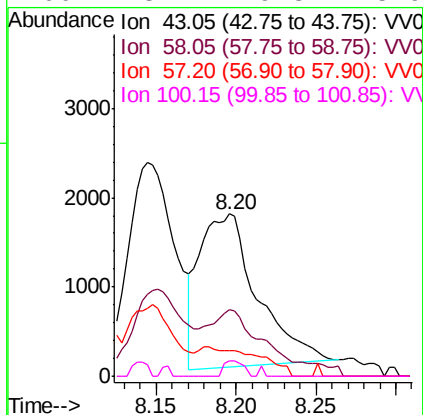
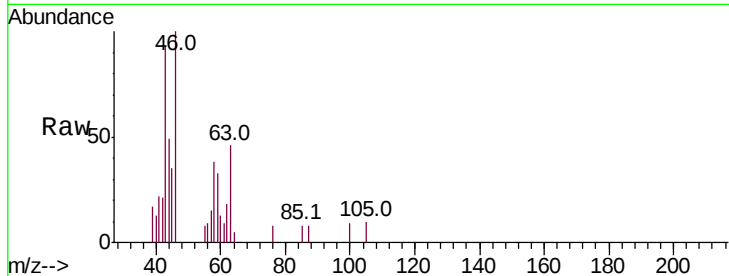




#48
 2-Hexanone
 Concen: 2.063 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VV008192.D
 Acq: 09 Oct 2018 10:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Tot Ion:	43	Resp:	4309
Ion	Ratio	Lower	Upper
43	100		
58	38.9	40.5	60.7#
57	1.8	14.6	22.0#
100	3.4	9.3	13.9#



#70
 1,2,3-Trichlorobenzene
 Concen: 0.056 ug/L
 RT: 13.80 min Scan# 3954
 Delta R.T. 0.01 min
 Lab File: VV008192.D
 Acq: 09 Oct 2018 10:29

Tgt Ion:	180	Resp:	367
Ion	Ratio	Lower	Upper
180	100		
182	46.6	75.1	112.7#
145	0.0	23.2	34.8#

