

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025670.D
 Acq On : 5 Sep 2018 15:28
 Operator : SY/MD
 Sample : J4749-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E5FA7

Quant Time: Sep 06 03:36:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	425250	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	357008	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	104622	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	120707	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	2.62	69	111364	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	3.62	63	236482	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	6.60	46	120237	57.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.02%
24) Chloroform-d	7.21	84	225751	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	7.89	65	81388	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	7.86	84	531104	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	8.90	67	146972	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	9.97	98	476681	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	26473	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	122057	53.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59244	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	101364	6.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.20%#

Target Compounds

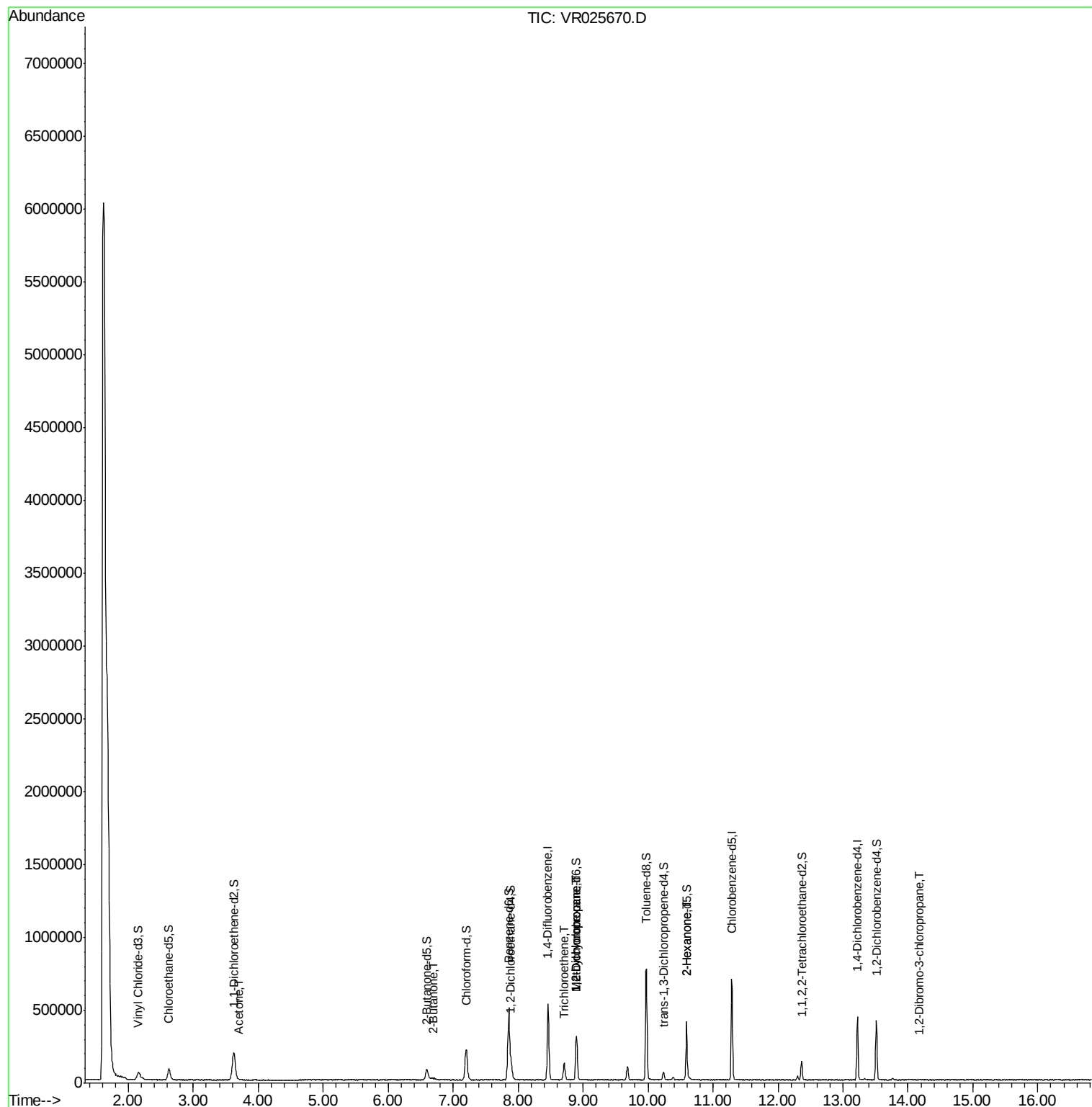
					Ovalue
13) Acetone	3.70	43	2815	2.14 ug/L	74
21) 2-Butanone	6.69	43	1069	0.41 ug/L	77
34) Trichloroethene	8.71	95	39920	1.34 ug/L	96
35) Methylcyclohexane	8.90	83	32498	0.67 ug/L #	23
37) 1,2-Dichloropropane	8.90	63	13515	0.47 ug/L	98
48) 2-Hexanone	10.59	43	13855	2.87 ug/L #	62
66) 1,2-Dibromo-3-chloropropan	14.16	75	469	0.62 ug/L #	17

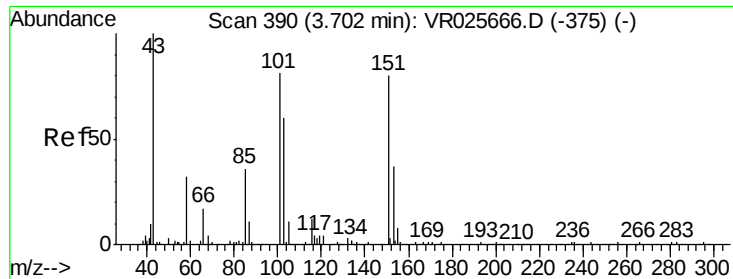
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 06 03:24:58 2018
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#13

Acetone

Concen: 2.14 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025670.D

Acq: 5 Sep 2018 15:28

Instrument :

MSVOA_R

ClientSampleId :

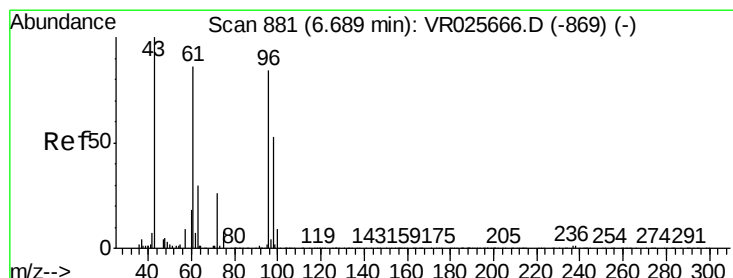
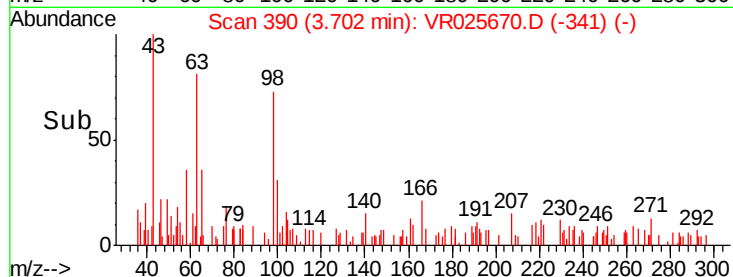
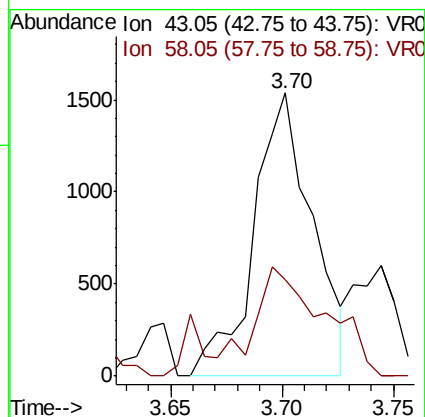
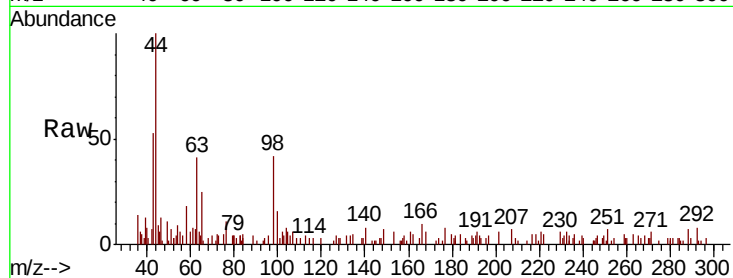
E5FA7

Tot Ion: 43 Resp: 2815

Ion Ratio Lower Upper

43 100

58 46.1 0.0 63.4



#21

2-Butanone

Concen: 0.41 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025670.D

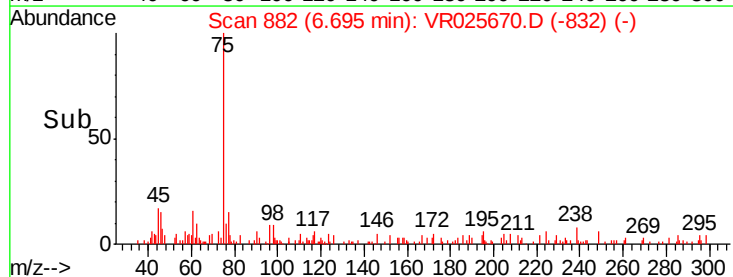
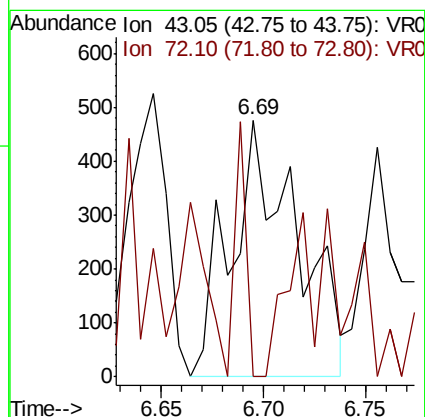
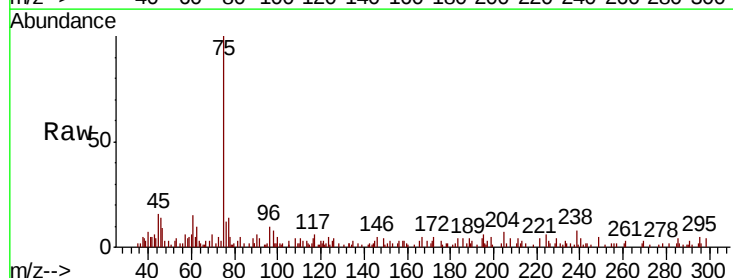
Acq: 5 Sep 2018 15:28

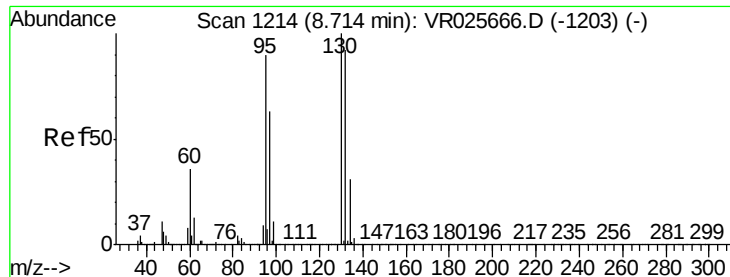
Tgt Ion: 43 Resp: 1069

Ion Ratio Lower Upper

43 100

72 16.2 14.3 42.9





#34

Trichloroethene

Concen: 1.34 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.01 min

Lab File: VR025670.D

Acq: 5 Sep 2018 15:28

Instrument :

MSVOA_R

ClientSampleId :

E5FA7

Tot Ion: 95 Resp: 39920

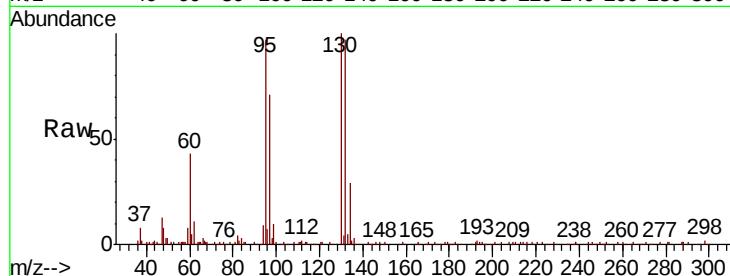
Ion Ratio Lower Upper

95 100

97 73.0 45.7 84.9

132 99.3 66.6 123.6

130 102.9 72.2 134.0

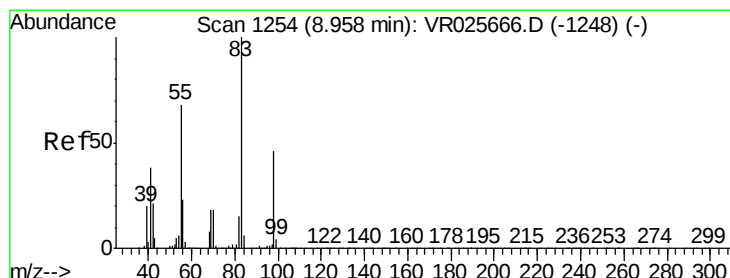
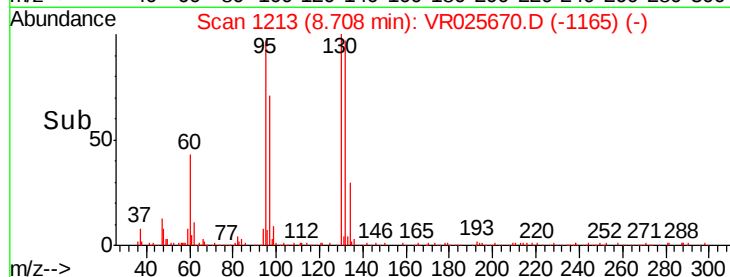
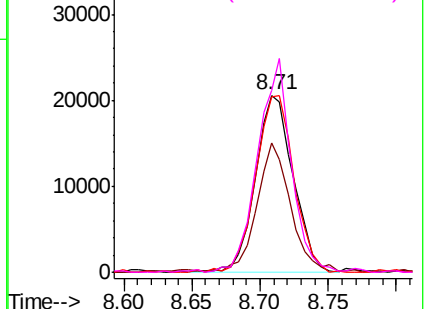


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.67 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025670.D

Acq: 5 Sep 2018 15:28

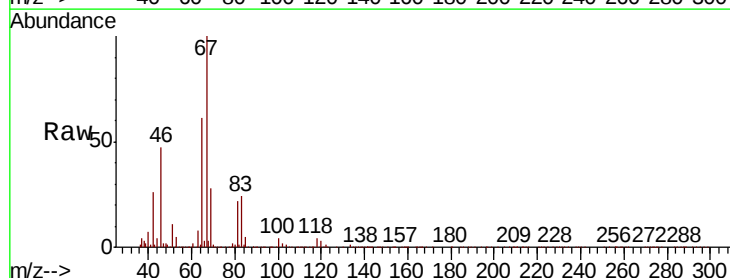
Tgt Ion: 83 Resp: 32498

Ion Ratio Lower Upper

83 100

55 0.7 56.7 85.1#

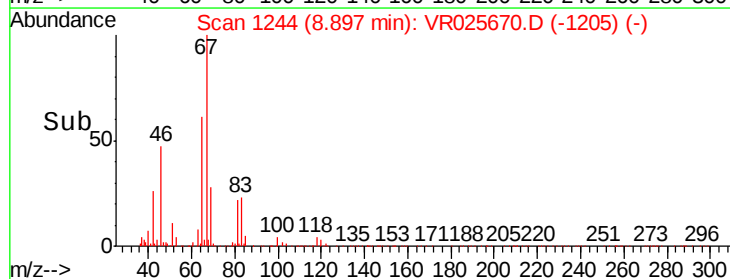
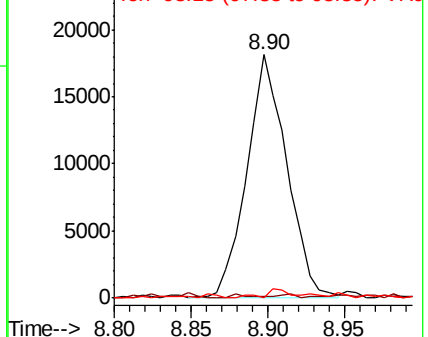
98 2.7 35.8 53.8#

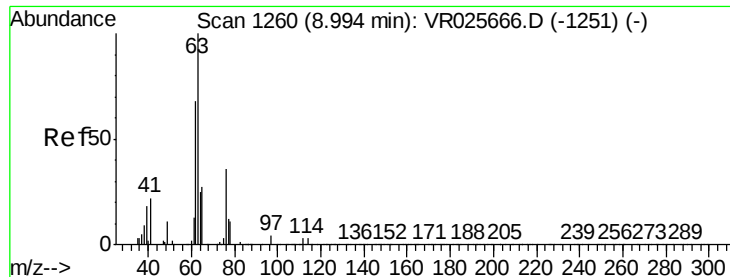


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.47 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025670.D

Acq: 5 Sep 2018 15:28

Instrument :

MSVOA_R

ClientSampleId :

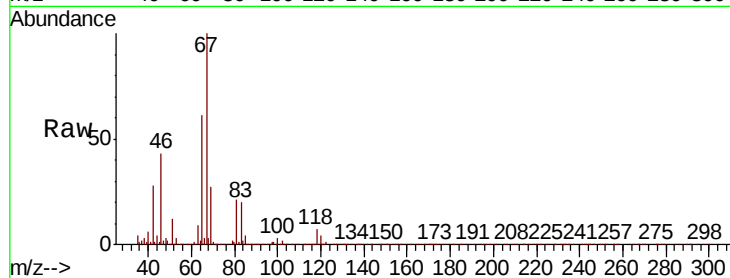
E5FA7

Tot Ion: 63 Resp: 13515

Ion Ratio Lower Upper

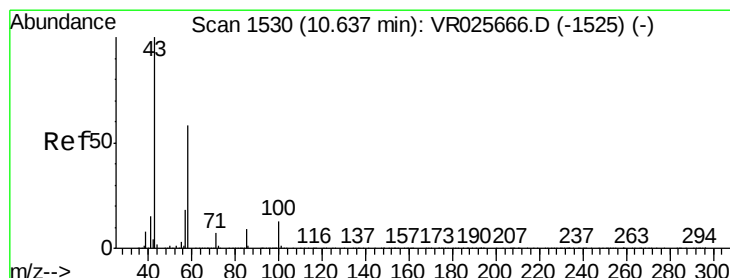
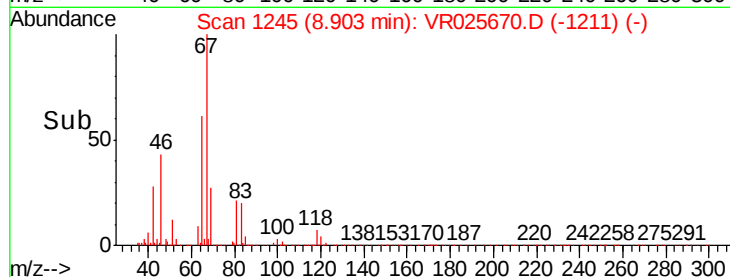
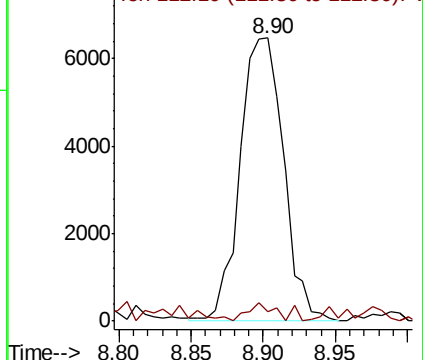
63 100

112 3.6 2.5 3.7



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 2.87 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025670.D

Acq: 5 Sep 2018 15:28

Tgt Ion: 43 Resp: 13855

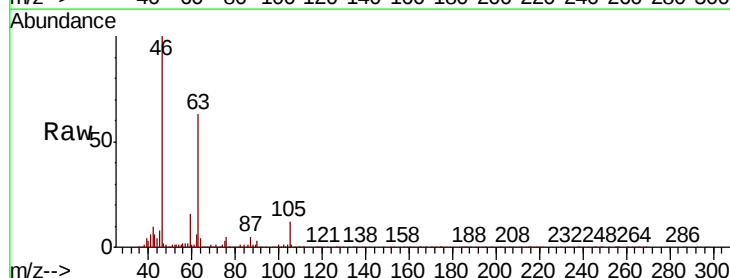
Ion Ratio Lower Upper

43 100

58 31.8 46.4 69.6#

57 45.4 14.3 21.5#

100 6.1 8.8 13.2#

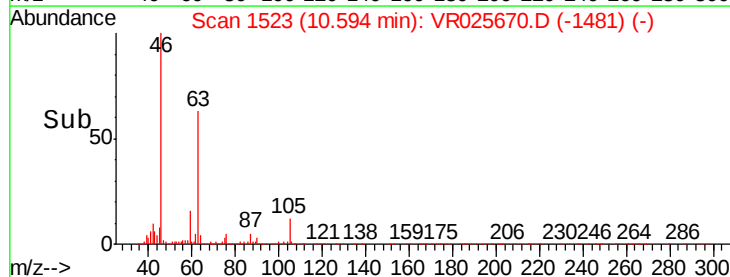
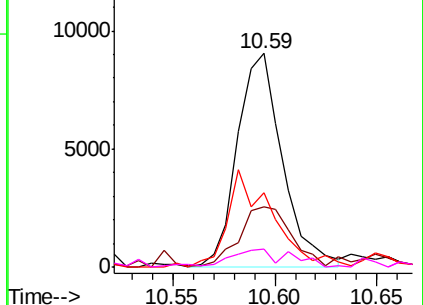


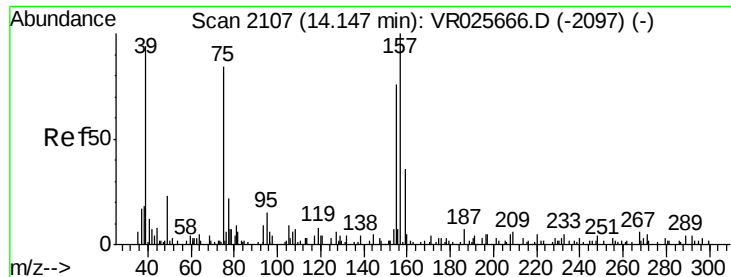
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.62 ug/L
 RT: 14.16 min Scan# 2109
 Delta R.T. 0.01 min
 Lab File: VR025670.D
 Acq: 5 Sep 2018 15:28

Instrument :
 MSVOA_R
 ClientSampleId :
 E5FA7

Tot Ion: 75 Resp: 469
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.2 82.8#
 157 25.0 89.4 134.2#

