

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062218\
 Data File : VR025410.D
 Acq On : 22 Jun 2018 12:43
 Operator : SY/MD
 Sample : J3514-19DL 8X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH6DL

Quant Time: Jun 22 22:39:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	601006	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	499051	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	165755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	92055	4.49	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	2.64	69	72684	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	3.63	63	198591	3.77	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	6.59	46	292125	53.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.48%
24) Chloroform-d	7.20	84	396609	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	7.89	65	159713	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.20%
32) Benzene-d6	7.85	84	864014	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	8.90	67	250996	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	9.97	98	751465	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	10.24	79	55473	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	10.59	63	233674	52.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	103206	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	162072	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

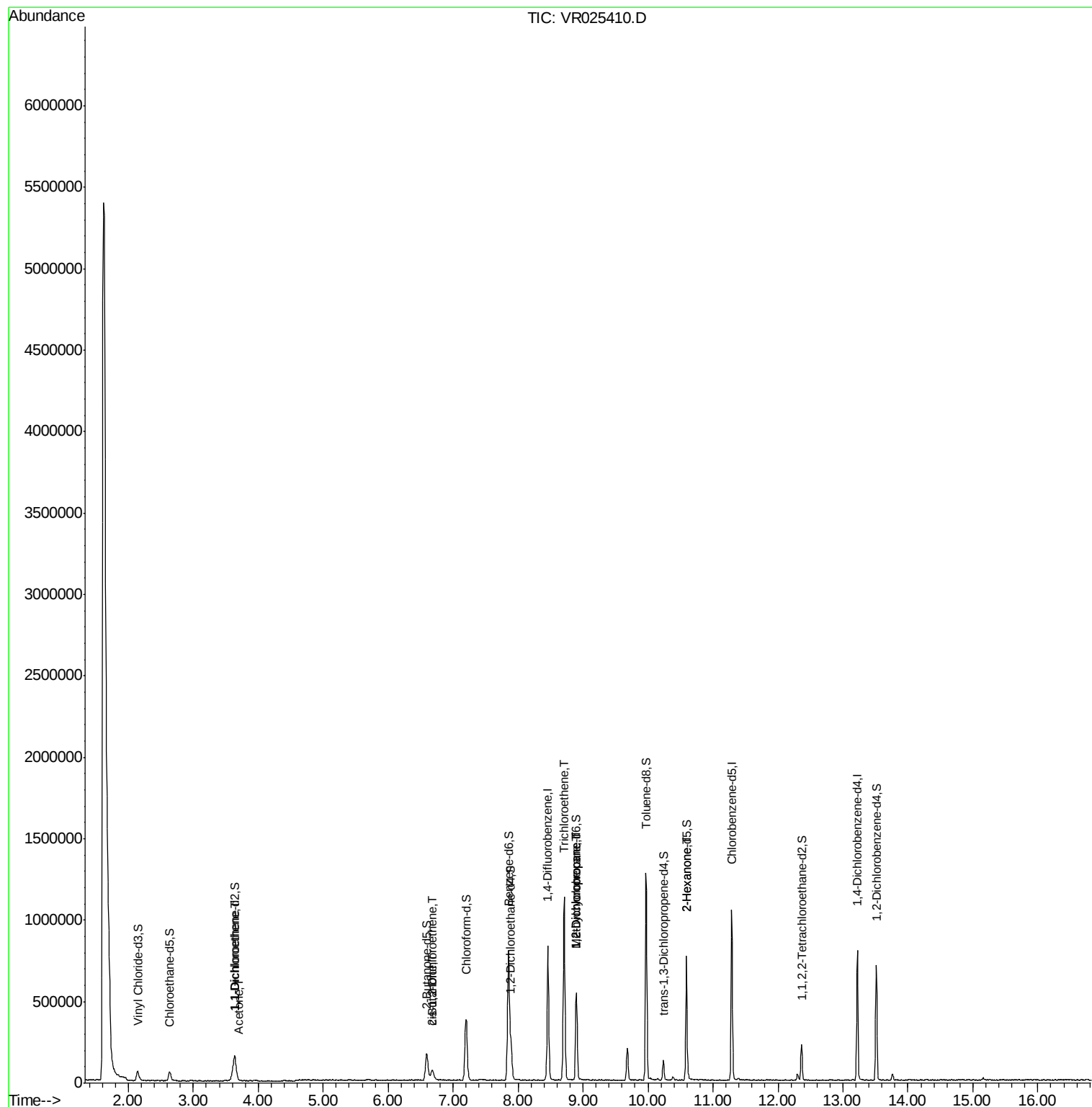
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	12582	0.596	ug/L #	1
13) Acetone	3.70	43	2170	0.876	ug/L	91
21) 2-Butanone	6.69	43	3570	0.609	ug/L #	10
22) cis-1,2-Dichloroethene	6.68	96	29023	0.640	ug/L #	96
34) Trichloroethene	8.71	95	399075	8.418	ug/L	99
35) Methylcyclohexane	8.90	83	54260	0.725	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	26682	0.613	ug/L #	92
48) 2-Hexanone	10.59	43	30538	3.399	ug/L #	68

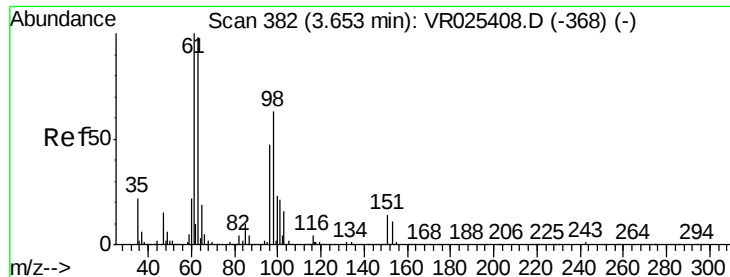
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.596 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

Lab File: VR025410.D

Acq: 22 Jun 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

C0KH6DL

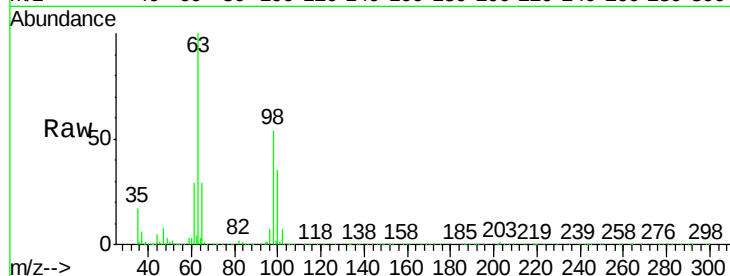
Tgt Ion: 96 Resp: 12582

Ion Ratio Lower Upper

96 100

61 390.7 155.0 287.9#

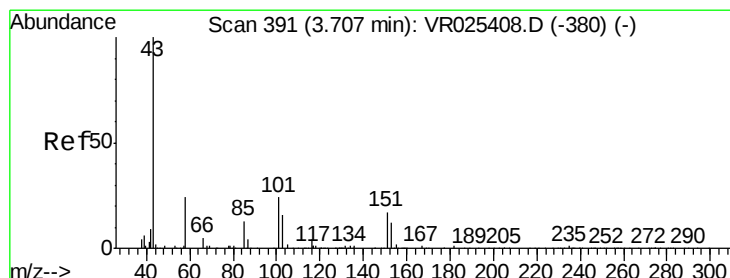
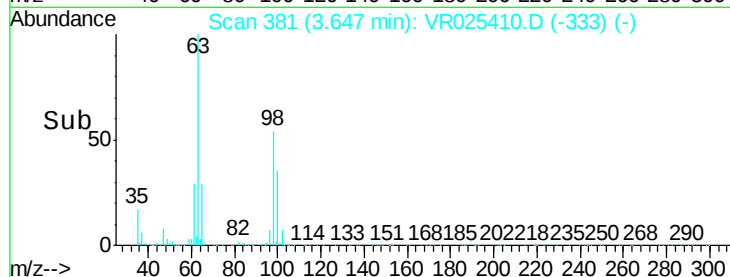
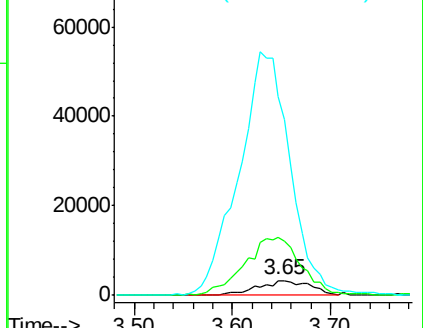
63 1340.1 122.3 227.1#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 0.876 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.01 min

Lab File: VR025410.D

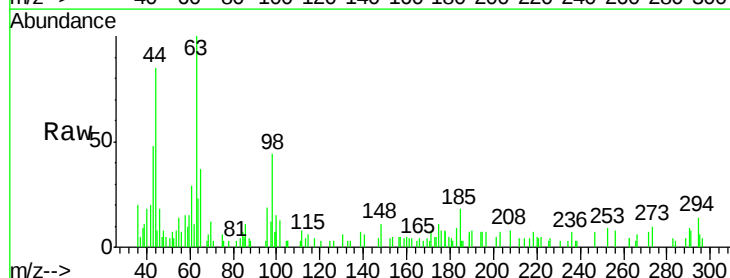
Acq: 22 Jun 2018 12:43

Tgt Ion: 43 Resp: 2170

Ion Ratio Lower Upper

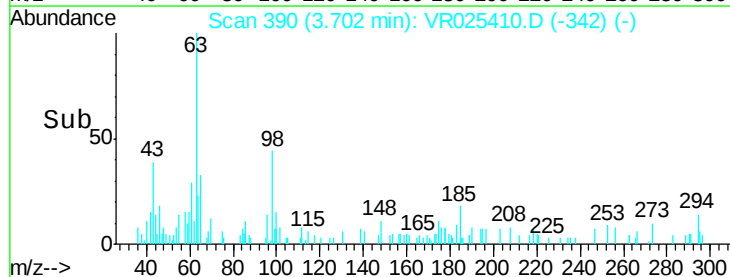
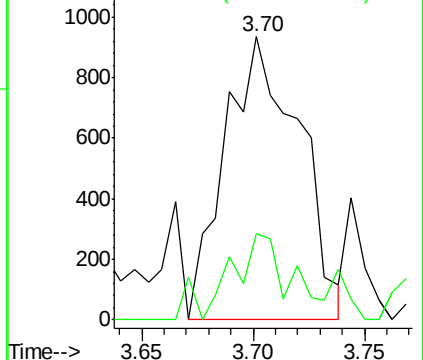
43 100

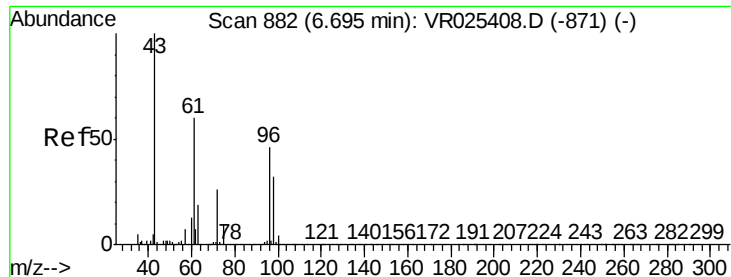
58 25.1 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#21

2-Butanone

Concen: 0.609 ug/L

RT: 6.69 min Scan# 881

Delta R.T. -0.01 min

Lab File: VR025410.D

Acq: 22 Jun 2018 12:43

Instrument :

MSVOA_R

ClientSampled :

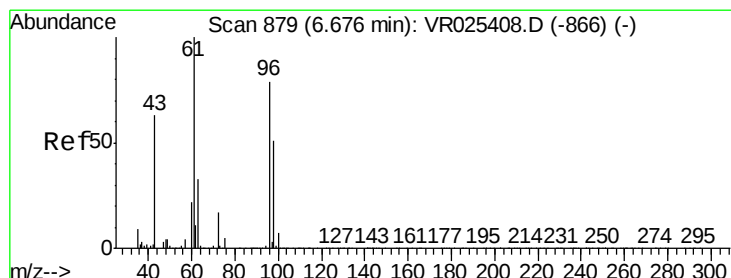
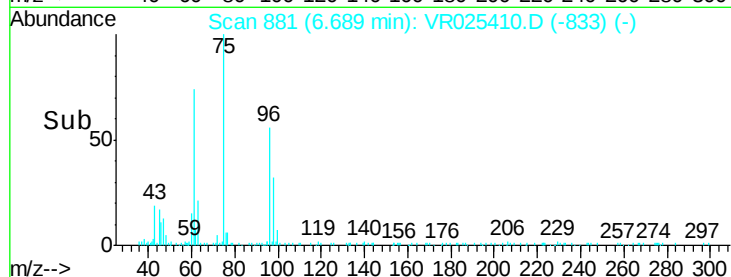
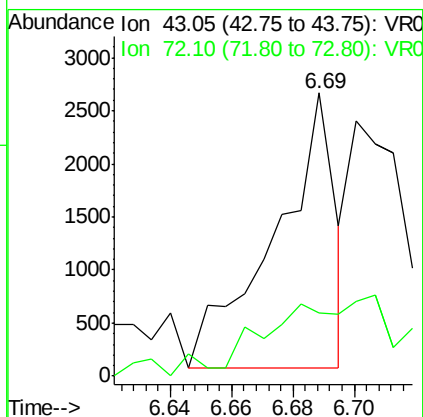
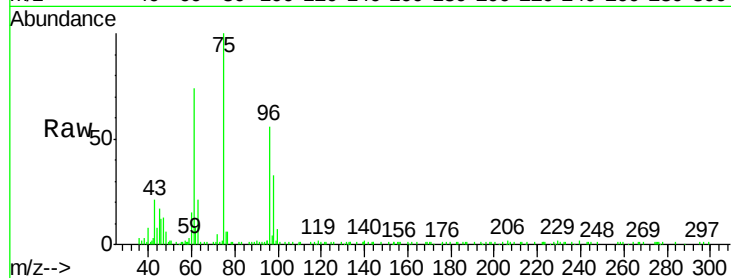
C0KH6DL

Tgt Ion: 43 Resp: 3570

Ion Ratio Lower Upper

43 100

72 71.5 13.0 38.9#



#22

cis-1,2-Dichloroethene

Concen: 0.640 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025410.D

Acq: 22 Jun 2018 12:43

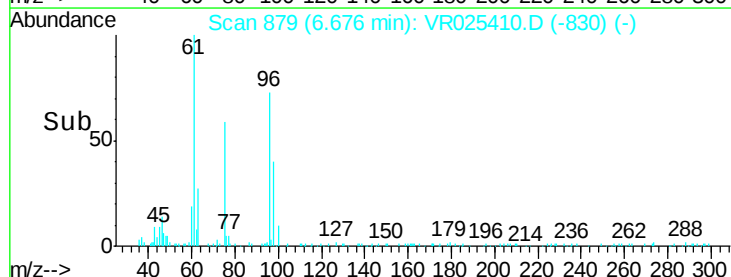
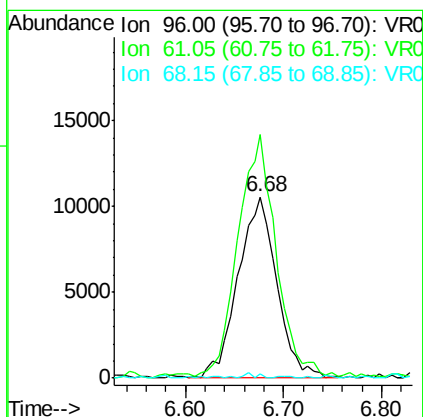
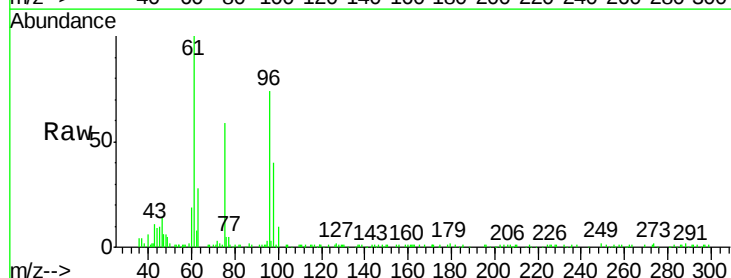
Tgt Ion: 96 Resp: 29023

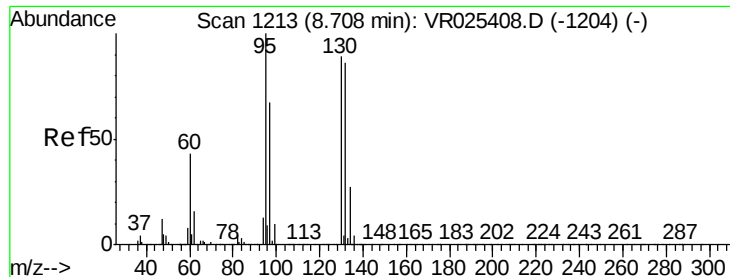
Ion Ratio Lower Upper

96 100

61 134.2 91.0 169.0

68 2.6 0.0 0.0#





#34

Trichloroethene

Concen: 8.418 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025410.D

Acq: 22 Jun 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

C0KH6DL

Tgt Ion: 95 Resp: 399075

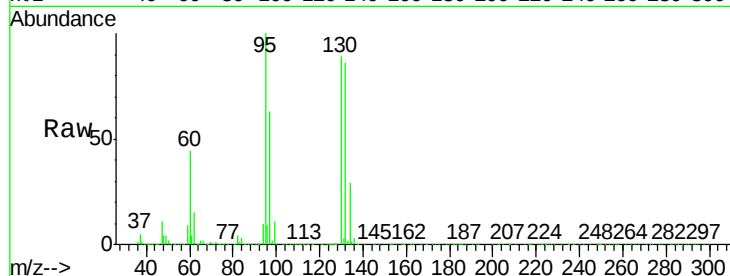
Ion Ratio Lower Upper

95 100

97 63.4 45.6 84.6

132 85.7 60.9 113.1

130 89.2 62.0 115.2

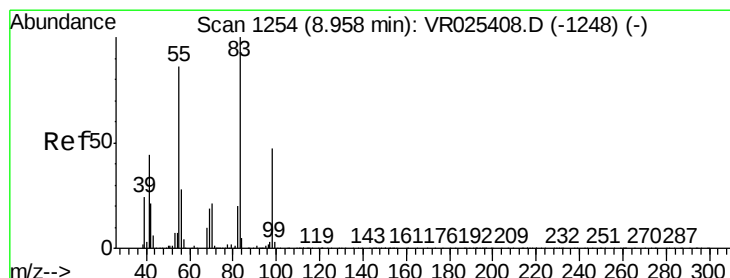
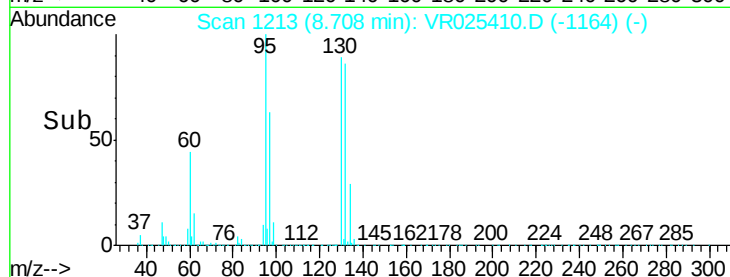
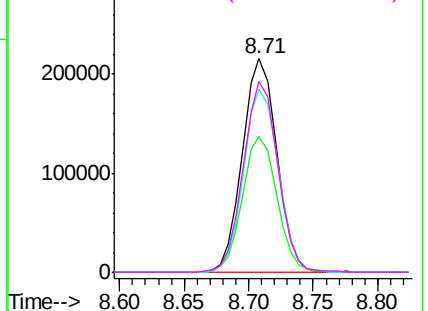


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.725 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025410.D

Acq: 22 Jun 2018 12:43

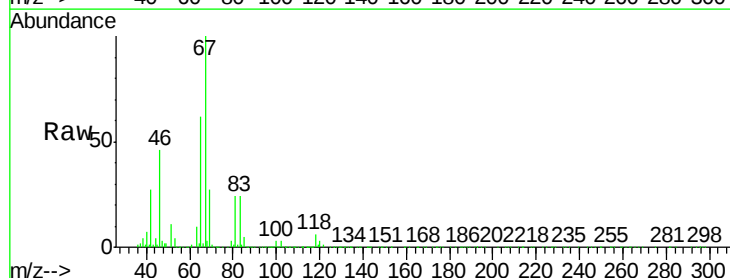
Tgt Ion: 83 Resp: 54260

Ion Ratio Lower Upper

83 100

55 1.3 66.1 99.1#

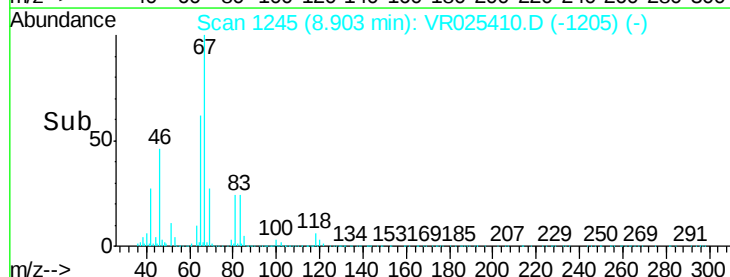
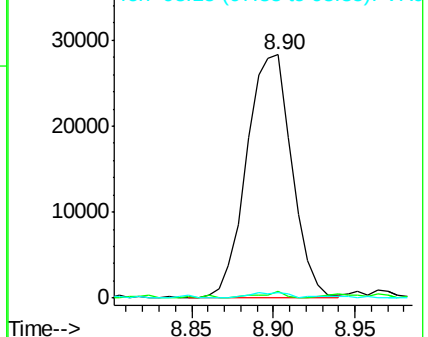
98 2.4 36.2 54.4#

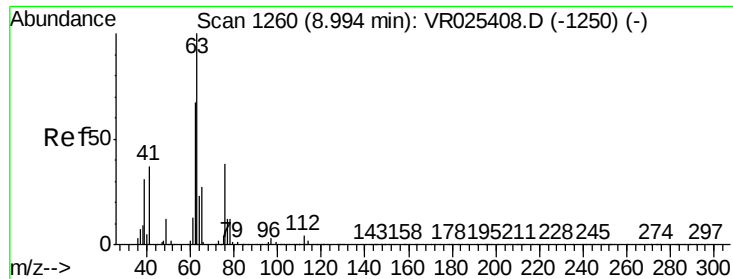


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.613 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025410.D

Acq: 22 Jun 2018 12:43

Instrument :

MSVOA_R

ClientSampleId :

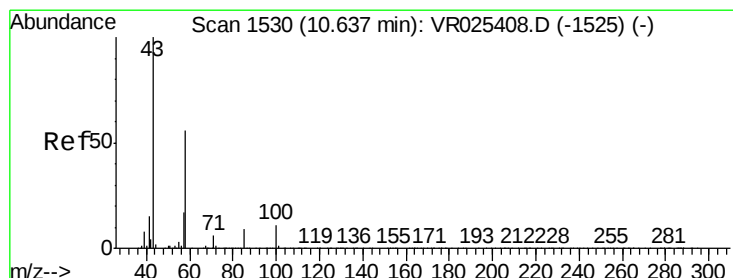
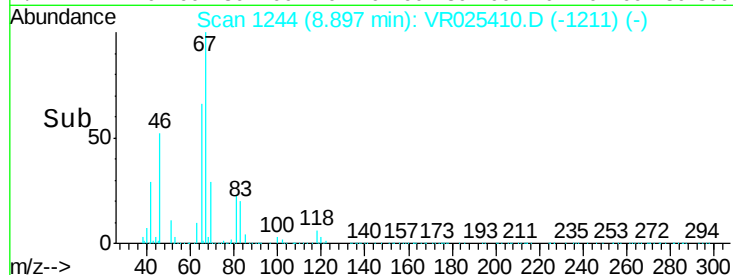
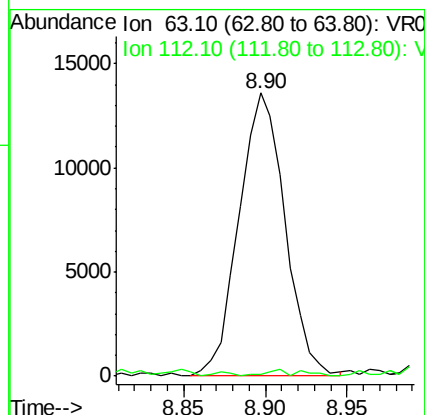
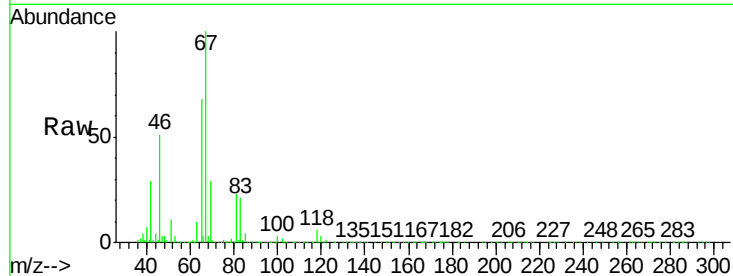
C0KH6DL

Tgt Ion: 63 Resp: 26682

Ion Ratio Lower Upper

63 100

112 0.9 2.9 4.3#



#48

2-Hexanone

Concen: 3.399 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025410.D

Acq: 22 Jun 2018 12:43

Tgt Ion: 43 Resp: 30538

Ion Ratio Lower Upper

43 100

58 26.5 43.1 64.7#

57 29.8 15.3 22.9#

100 3.5 7.9 11.9#

