

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091218\
 Data File : VR025696.D
 Acq On : 12 Sep 2018 16:13
 Operator : SY/MD
 Sample : J4863-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KL4

Quant Time: Sep 13 04:08:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 03:48:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	520578	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	450695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	133731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	107956	4.77	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	2.62	69	103244	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	3.63	63	211844	3.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.40%
20) 2-Butanone-d5	6.59	46	152019	66.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.08%#
24) Chloroform-d	7.20	84	293246	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
26) 1,2-Dichloroethane-d4	7.89	65	106447	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.20%
32) Benzene-d6	7.85	84	621415	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	8.89	67	188904	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	9.97	98	518086	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.24	79	36777	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	10.59	63	197116	81.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	162.72%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	91494	6.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.40%#
64) 1,2-Dichlorobenzene-d4	13.51	152	138995	7.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	146.60%#

Target Compounds

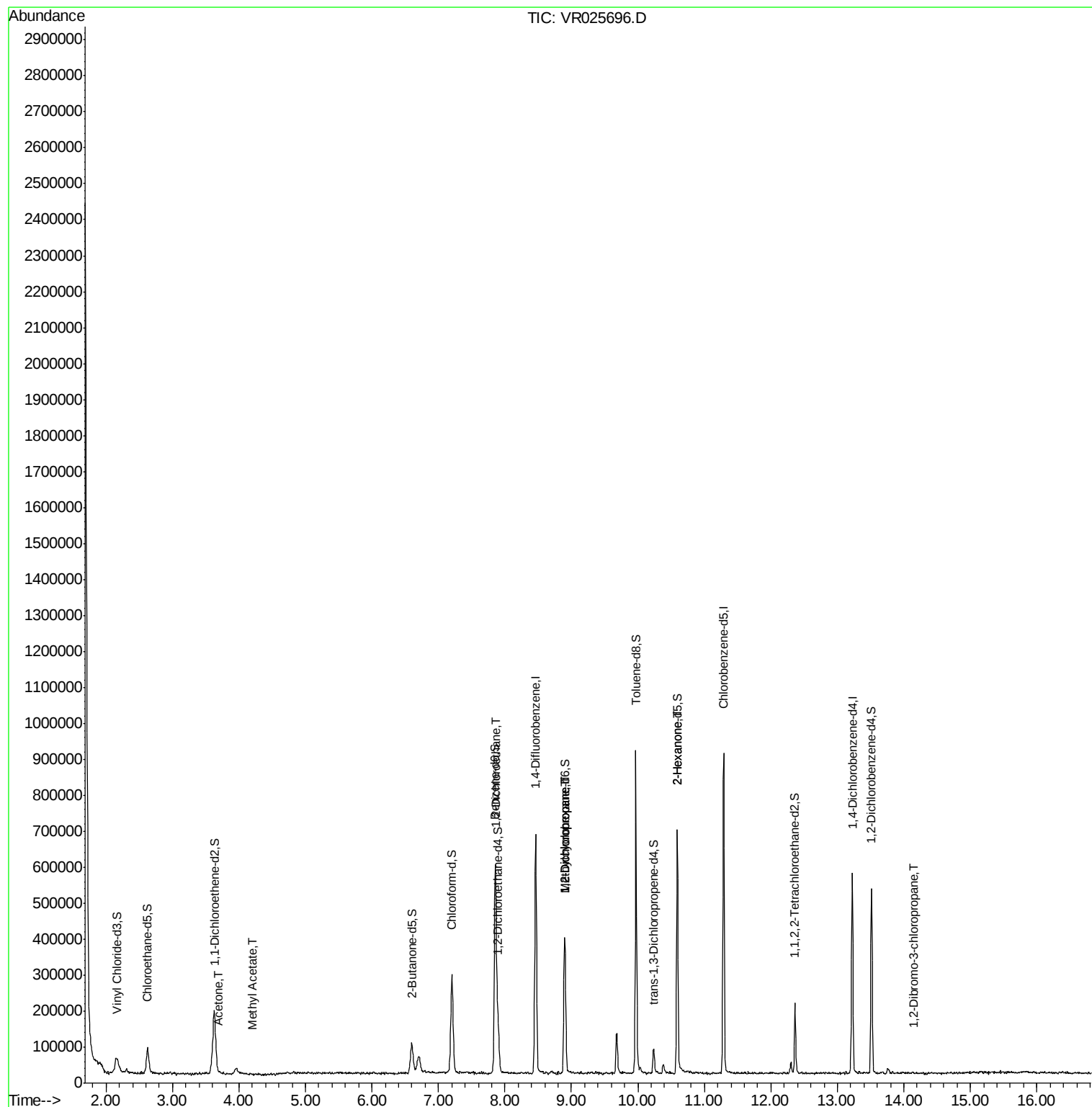
					Ovalue
13) Acetone	3.69	43	6512	4.23	ug/L 73
15) Methyl Acetate	4.20	43	1393	0.25	ug/L # 53
27) 1,2-Dichloroethane	7.87	62	3558	0.15	ug/L 100
35) Methylcyclohexane	8.91	83	42676	0.71	ug/L # 21
37) 1,2-Dichloropropane	8.90	63	17340	0.48	ug/L # 93
48) 2-Hexanone	10.59	43	23904	3.81	ug/L # 65
66) 1,2-Dibromo-3-chloropropan	14.14	75	181	0.17	ug/L # 1

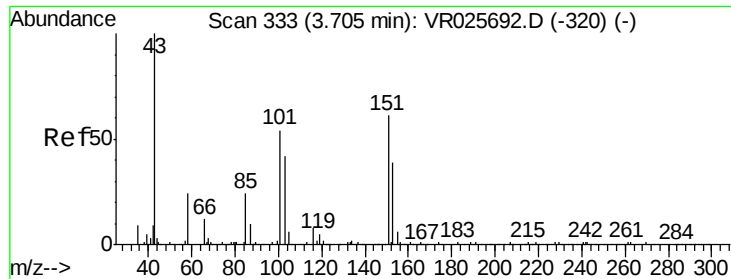
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 03:48:20 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.23 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR025696.D

Acq: 12 Sep 2018 16:13

Instrument :

MSVOA_R

ClientSampleId :

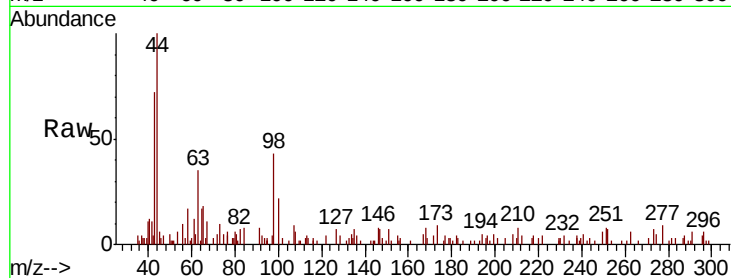
C0KL4

Tot Ion: 43 Resp: 6512

Ion Ratio Lower Upper

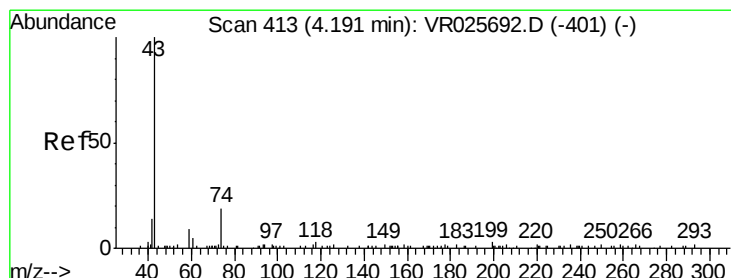
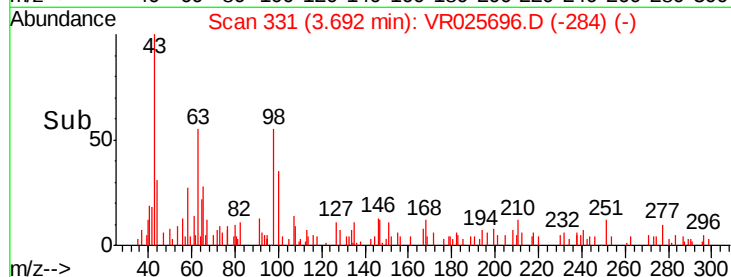
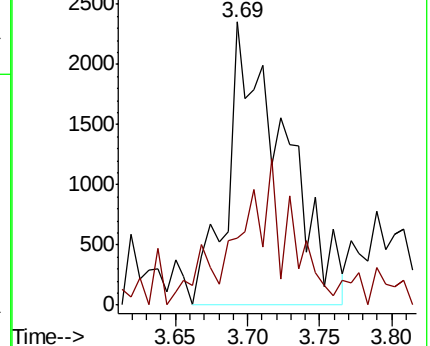
43 100

58 12.7 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.25 ug/L

RT: 4.20 min Scan# 414

Delta R.T. 0.01 min

Lab File: VR025696.D

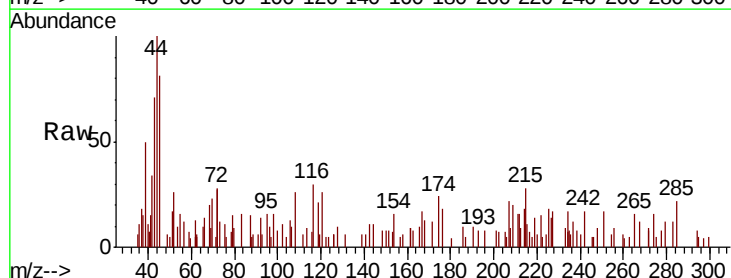
Acq: 12 Sep 2018 16:13

Tgt Ion: 43 Resp: 1393

Ion Ratio Lower Upper

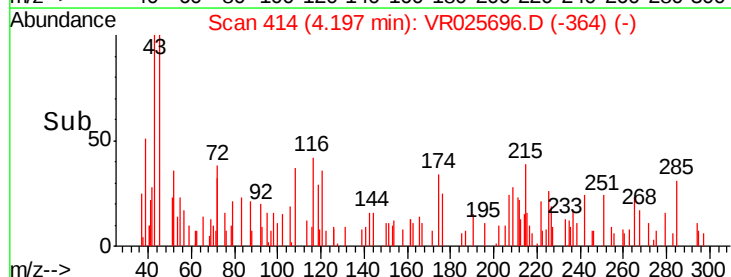
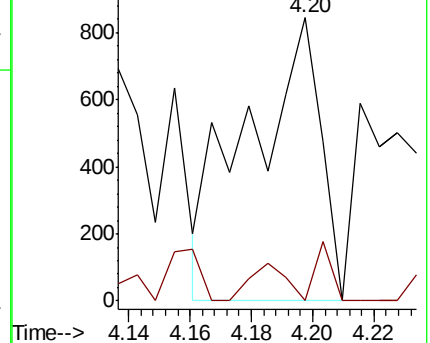
43 100

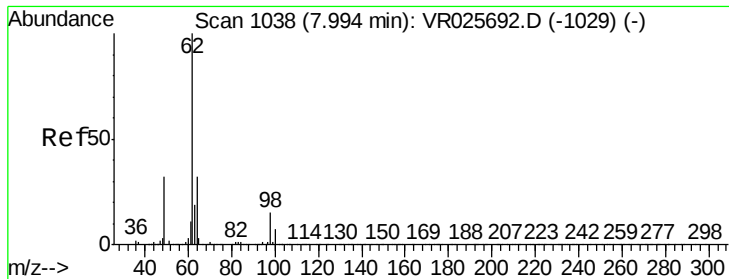
74 4.7 24.2 36.4#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#27

1,2-Dichloroethane

Concen: 0.15 ug/L

RT: 7.87 min Scan# 1017

Delta R.T. -0.13 min

Lab File: VR025696.D

Acq: 12 Sep 2018 16:13

Instrument :

MSVOA_R

ClientSampleId :

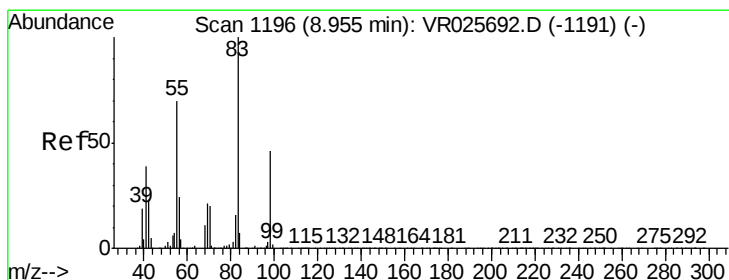
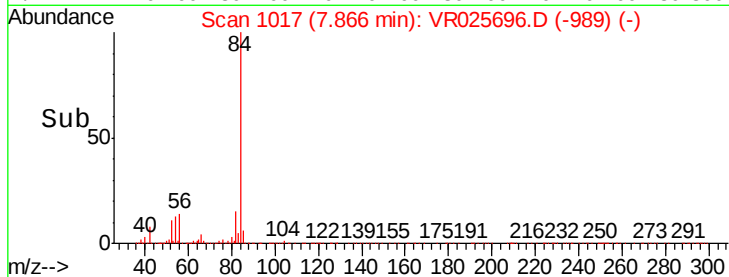
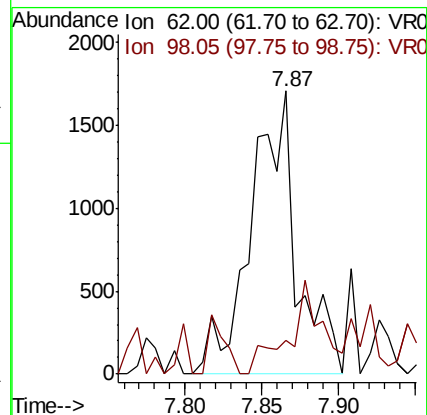
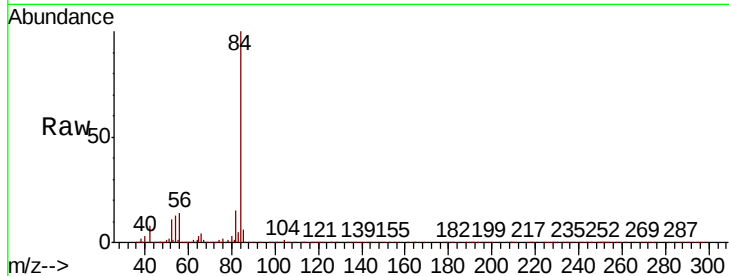
C0KL4

Tot Ion: 62 Resp: 3558

Ion Ratio Lower Upper

62 100

98 12.0 9.4 14.2



#35

Methylcyclohexane

Concen: 0.71 ug/L

RT: 8.91 min Scan# 1188

Delta R.T. -0.05 min

Lab File: VR025696.D

Acq: 12 Sep 2018 16:13

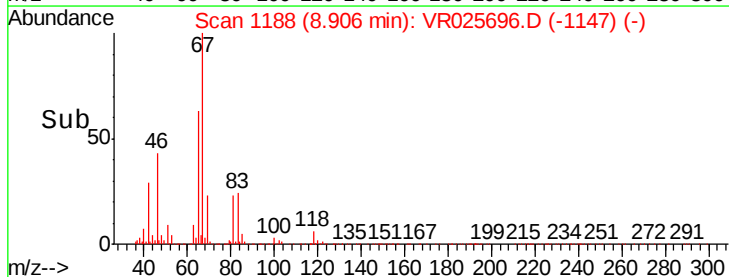
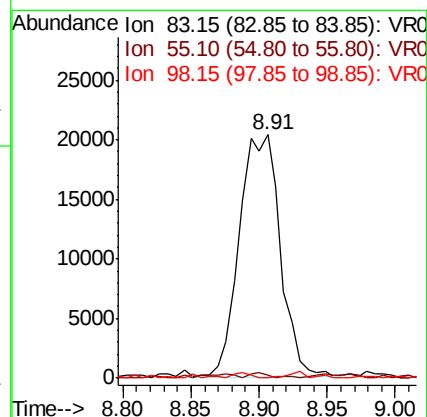
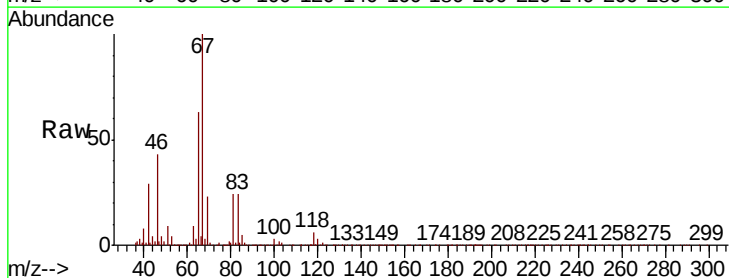
Tgt Ion: 83 Resp: 42676

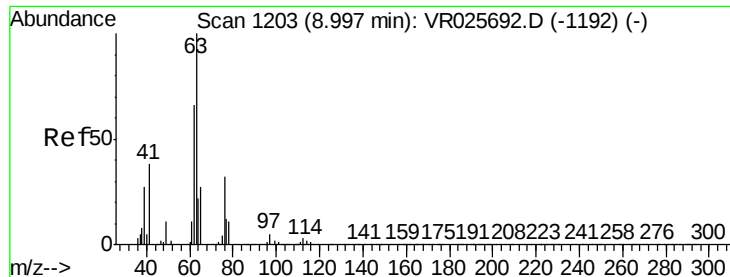
Ion Ratio Lower Upper

83 100

55 0.9 58.9 88.3#

98 1.1 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.48 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025696.D

Acq: 12 Sep 2018 16:13

Instrument :

MSVOA_R

ClientSampleId :

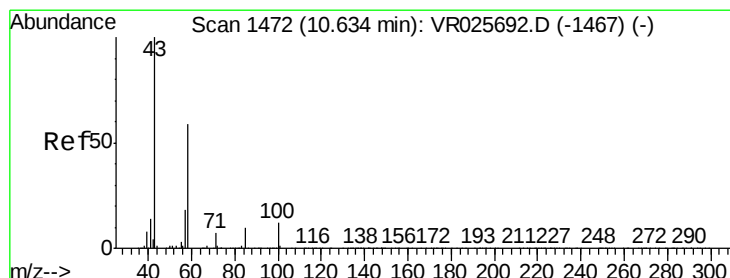
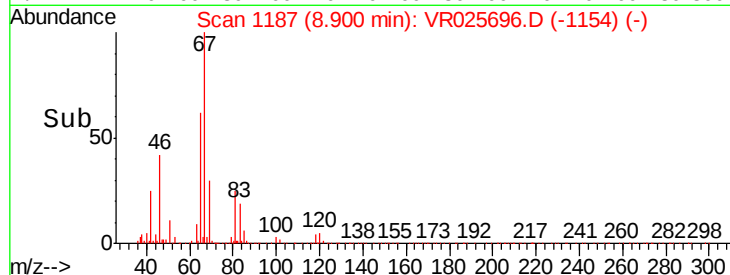
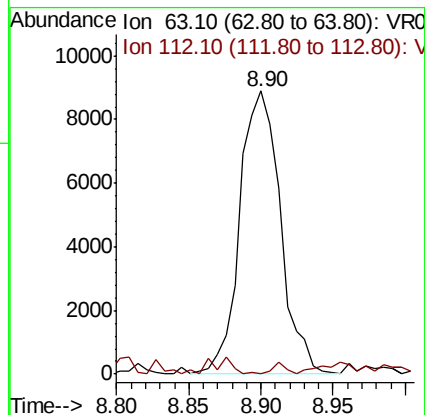
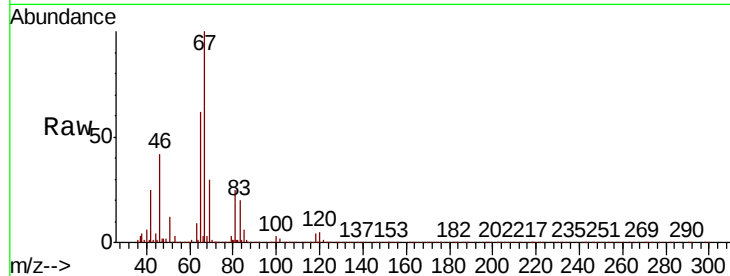
C0KL4

Tot Ion: 63 Resp: 17340

Ion Ratio Lower Upper

63 100

112 1.3 2.9 4.3#



#48

2-Hexanone

Concen: 3.81 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025696.D

Acq: 12 Sep 2018 16:13

Tgt Ion: 43 Resp: 23904

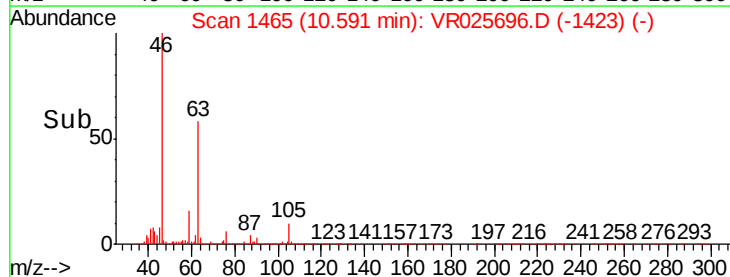
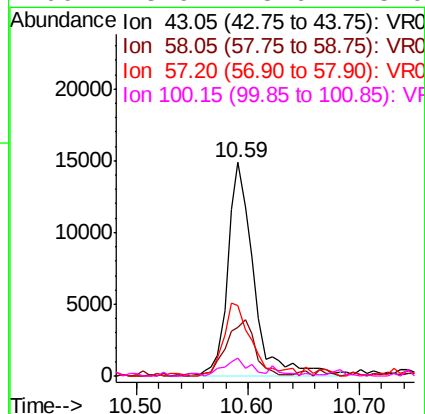
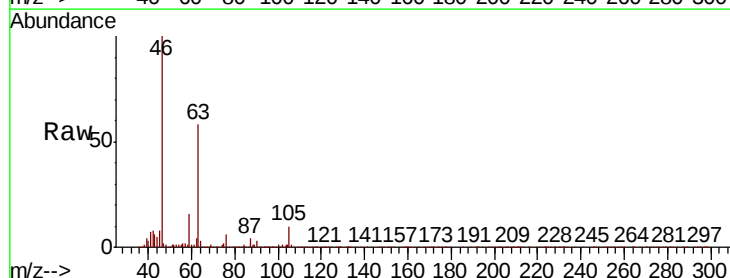
Ion Ratio Lower Upper

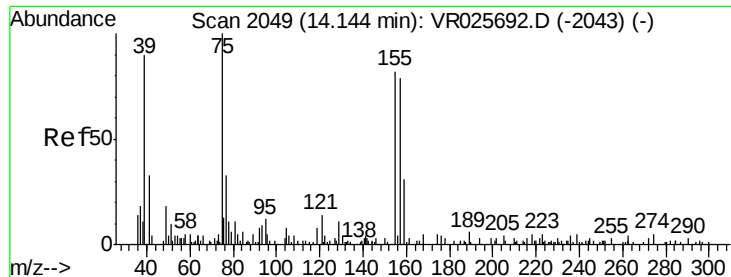
43 100

58 29.6 45.8 68.8#

57 36.8 14.2 21.2#

100 8.9 8.6 13.0





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.17 ug/L
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VR025696.D
 Acq: 12 Sep 2018 16:13

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KL4

Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	79.3	118.9#
157	0.0	81.4	122.2#

