

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
 Data File : VR026246.D
 Acq On : 21 Nov 2018 1:26
 Operator : SY/MD
 Sample : J6026-08
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0FL6

Quant Time: Nov 21 10:30:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 03:23:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	558680	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	460695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	157739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	224783	5.28	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	2.63	69	204442	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	3.61	63	418394	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	6.59	46	210782	53.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.86%
24) Chloroform-d	7.20	84	390562	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	7.90	65	158199	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	7.86	84	773402	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	8.90	67	200334	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	9.97	98	678680	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	10.24	79	46310	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	10.59	63	144909	56.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77912	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	143609	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

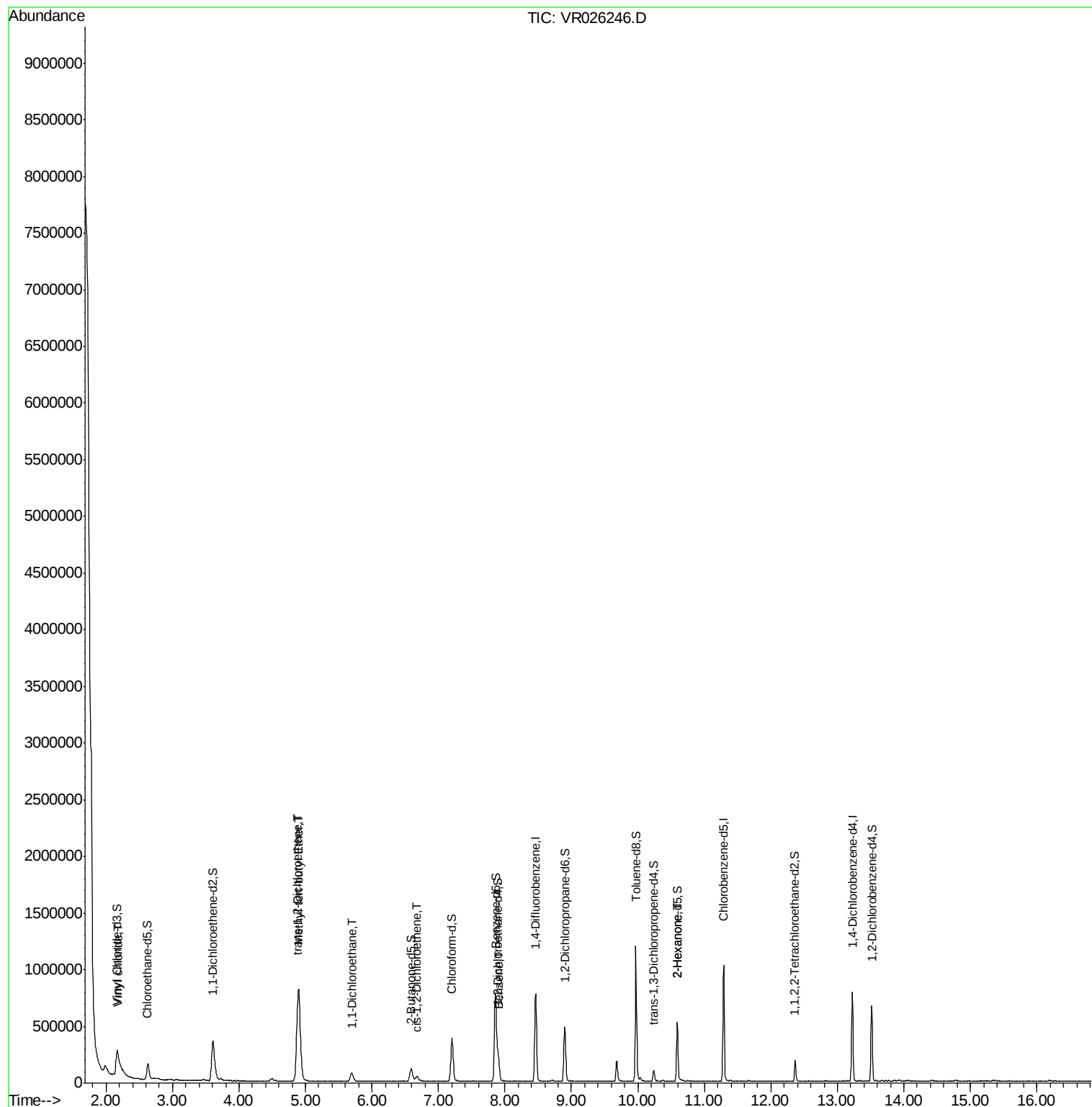
					Qvalue
5) Vinyl chloride	2.18	62	212271	4.296 ug/L	93
17) Methyl tert-butyl Ether	4.90	73	1318817	27.205 ug/L	98
18) trans-1,2-Dichloroethene	4.88	96	11355	0.264 ug/L	96
19) 1,1-Dichloroethane	5.69	63	106804	1.382 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	21142	0.545 ug/L #	92
33) Benzene	7.91	78	54141	0.322 ug/L	100
48) 2-Hexanone	10.59	43	21913	3.370 ug/L #	73

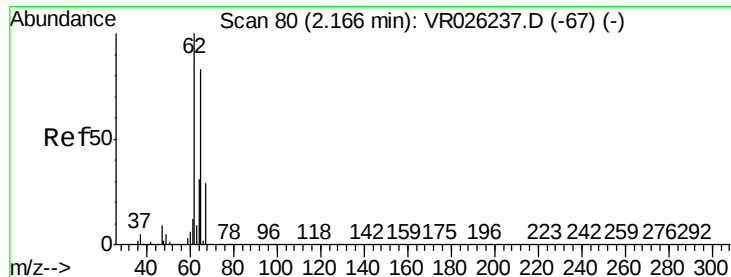
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 21 03:23:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.296 ug/L

RT: 2.18 min Scan# 82

Delta R.T. 0.01 min

Lab File: VR026246.D

Acq: 21 Nov 2018 1:26

Instrument :

MSVOA_R

ClientSampled :

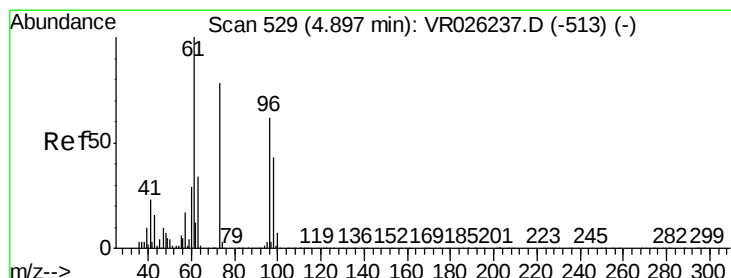
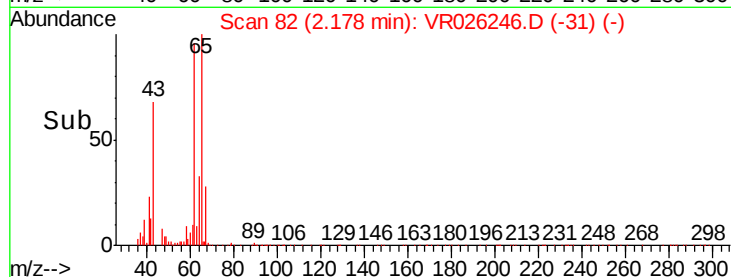
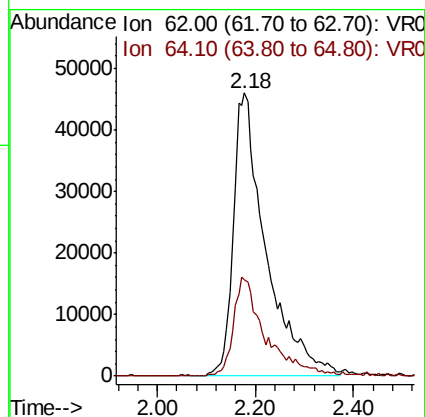
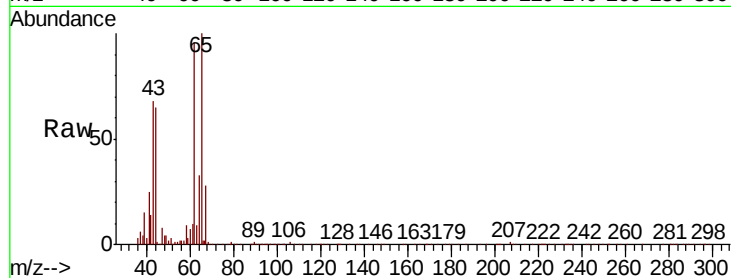
H0FL6

Tgt Ion: 62 Resp: 212271

Ion Ratio Lower Upper

62 100

64 34.1 21.3 39.5



#17

Methyl tert-butyl Ether

Concen: 27.205 ug/L

RT: 4.90 min Scan# 529

Delta R.T. 0.00 min

Lab File: VR026246.D

Acq: 21 Nov 2018 1:26

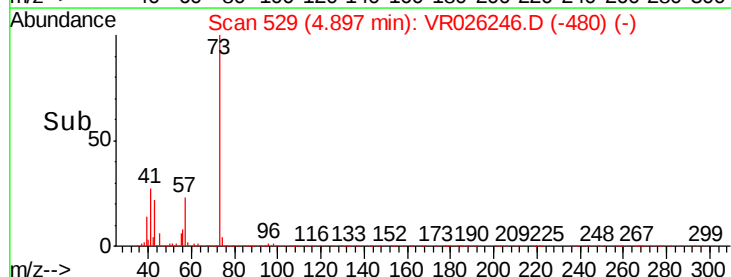
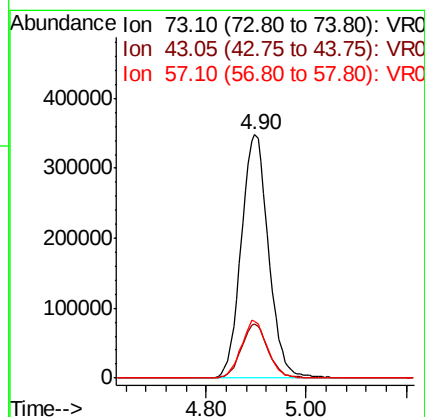
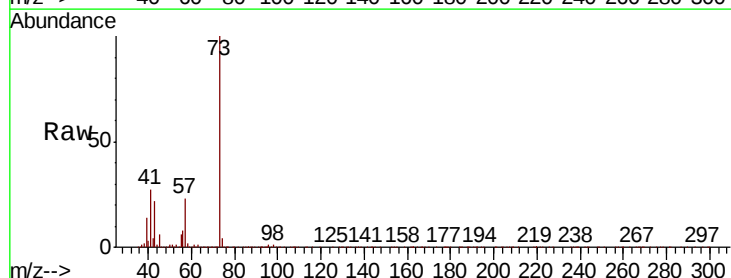
Tgt Ion: 73 Resp: 1318817

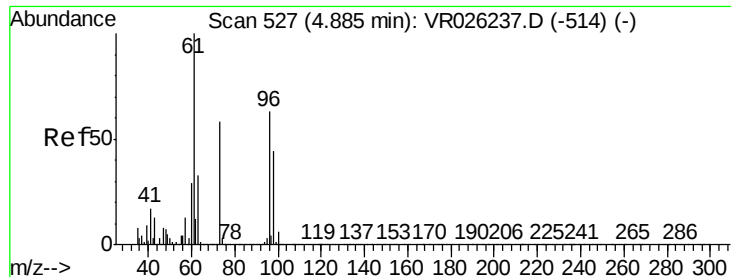
Ion Ratio Lower Upper

73 100

43 22.0 19.0 28.4

57 22.6 17.9 26.9





#18

trans-1,2-Dichloroethene

Concen: 0.264 ug/L

RT: 4.88 min Scan# 526

Delta R.T. -0.01 min

Lab File: VR026246.D

Acq: 21 Nov 2018 1:26

Instrument :

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ClientSampleId :

H0FL6

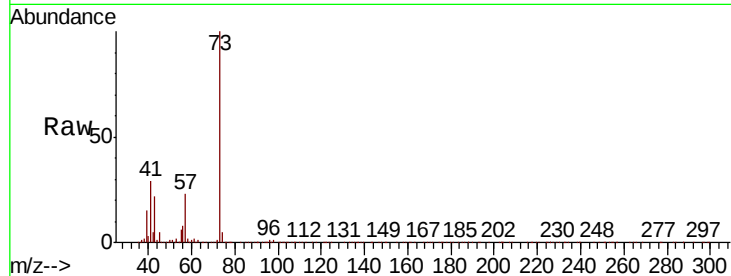
Tgt Ion: 96 Resp: 11355

Ion Ratio Lower Upper

96 100

61 150.8 105.4 195.8

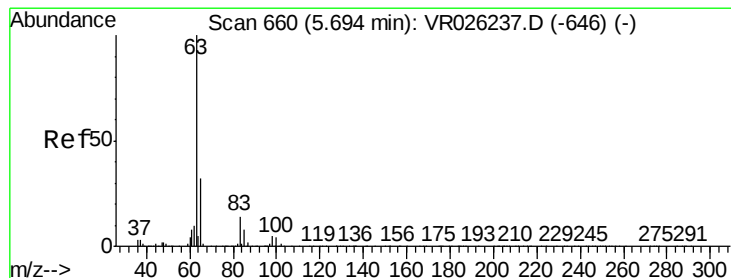
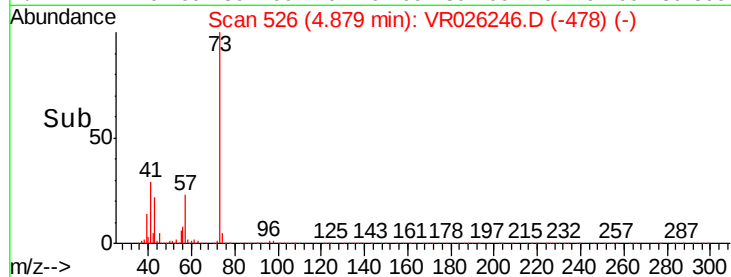
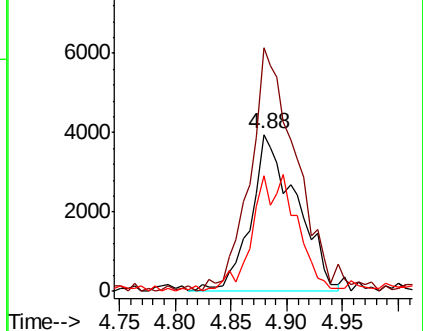
98 71.6 42.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0



#19

1,1-Dichloroethane

Concen: 1.382 ug/L

RT: 5.69 min Scan# 660

Delta R.T. 0.00 min

Lab File: VR026246.D

Acq: 21 Nov 2018 1:26

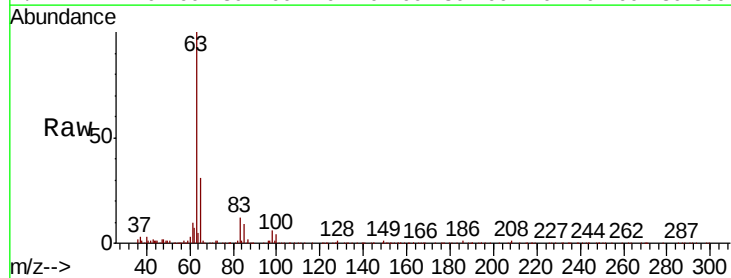
Tgt Ion: 63 Resp: 106804

Ion Ratio Lower Upper

63 100

65 30.8 21.1 39.3

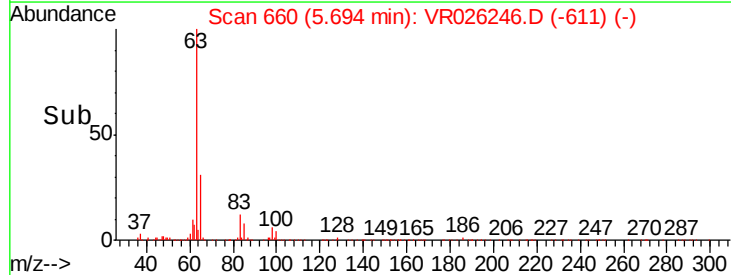
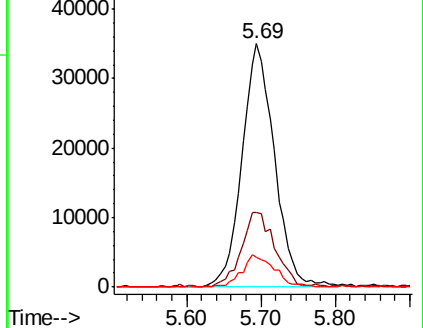
83 12.5 9.9 18.5

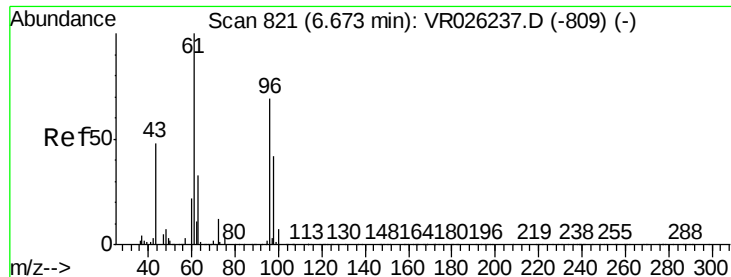


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0





#22

cis-1,2-Dichloroethene

Concen: 0.545 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.01 min

Lab File: VR026246.D

Acq: 21 Nov 2018 1:26

Instrument :

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ClientSampleId :

H0FL6

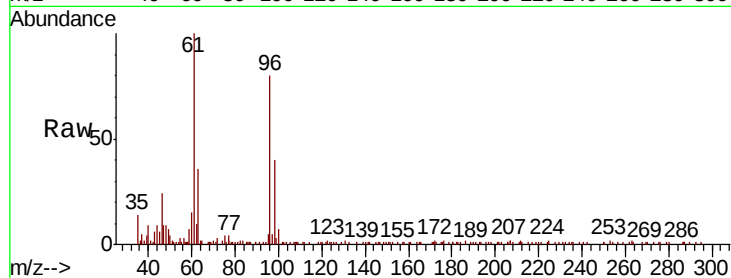
Tgt Ion: 96 Resp: 21142

Ion Ratio Lower Upper

96 100

61 125.6 94.8 176.2

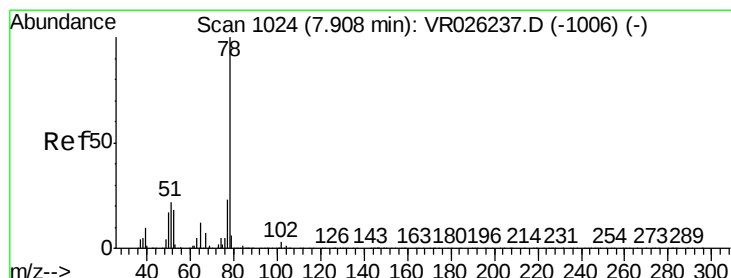
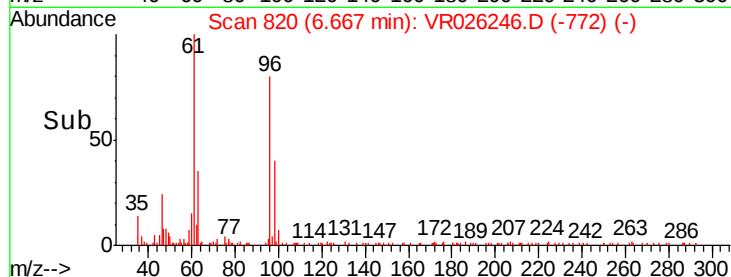
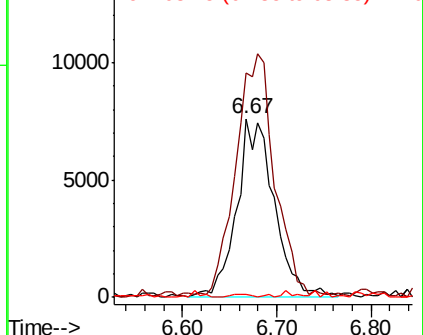
68 1.5 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0



#33

Benzene

Concen: 0.322 ug/L

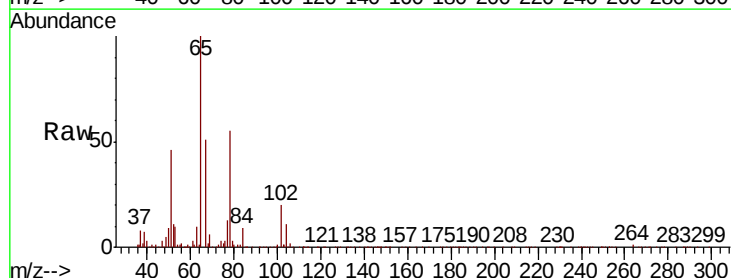
RT: 7.91 min Scan# 1024

Delta R.T. 0.00 min

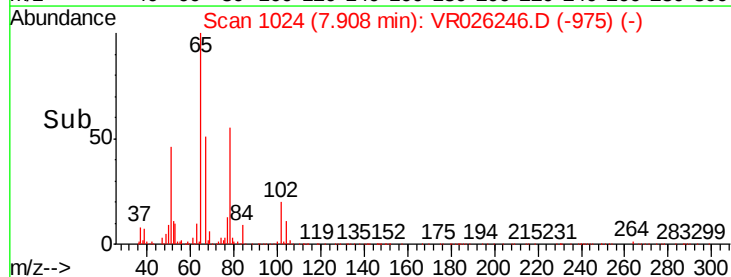
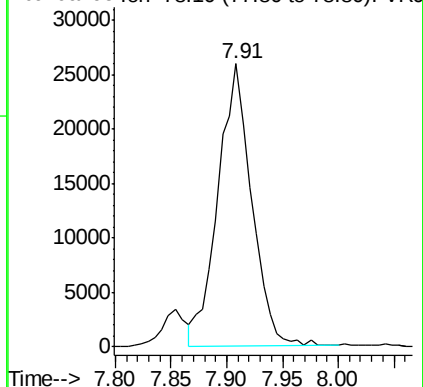
Lab File: VR026246.D

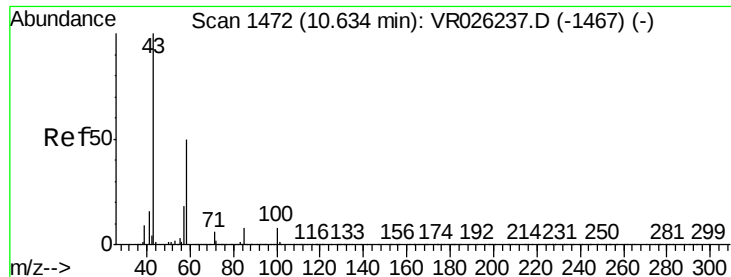
Acq: 21 Nov 2018 1:26

Tgt Ion: 78 Resp: 54141



Abundance Ion 78.10 (77.80 to 78.80): VR0





#48

2-Hexanone

Concen: 3.370 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026246.D

Acq: 21 Nov 2018 1:26

Instrument :

MSVOA_R

ClientSampleId :

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Tgt Ion: 43 Resp: 21913

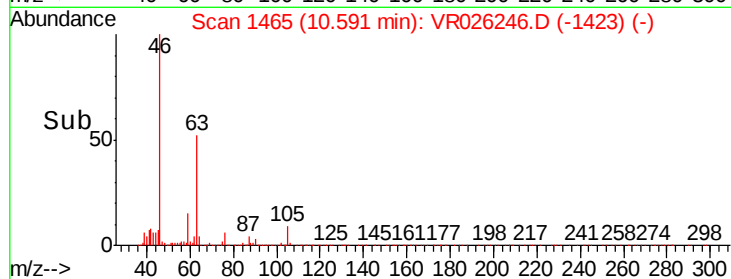
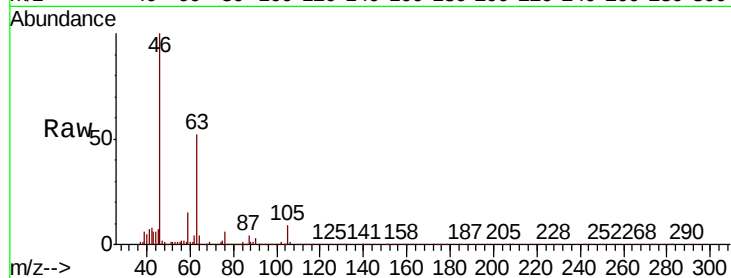
Ion Ratio Lower Upper

43 100

58 30.1 41.3 61.9#

57 29.4 14.5 21.7#

100 4.8 7.5 11.3#



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

