

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071318\
 Data File : VR025470.D
 Acq On : 13 Jul 2018 19:52
 Operator : SY/MD
 Sample : J3985-06
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB1A8

Quant Time: Jul 13 23:51:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 23:51:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	742287	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	590326	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	193023	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	96277	4.71	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	2.62	69	88433	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	3.63	63	213511	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	6.59	46	310883	48.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	7.20	84	445864	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	7.89	65	171101	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	7.86	84	943265	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	267521	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	9.97	98	788476	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	10.24	79	62563	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	10.59	63	255599	52.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	110444	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	170291	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

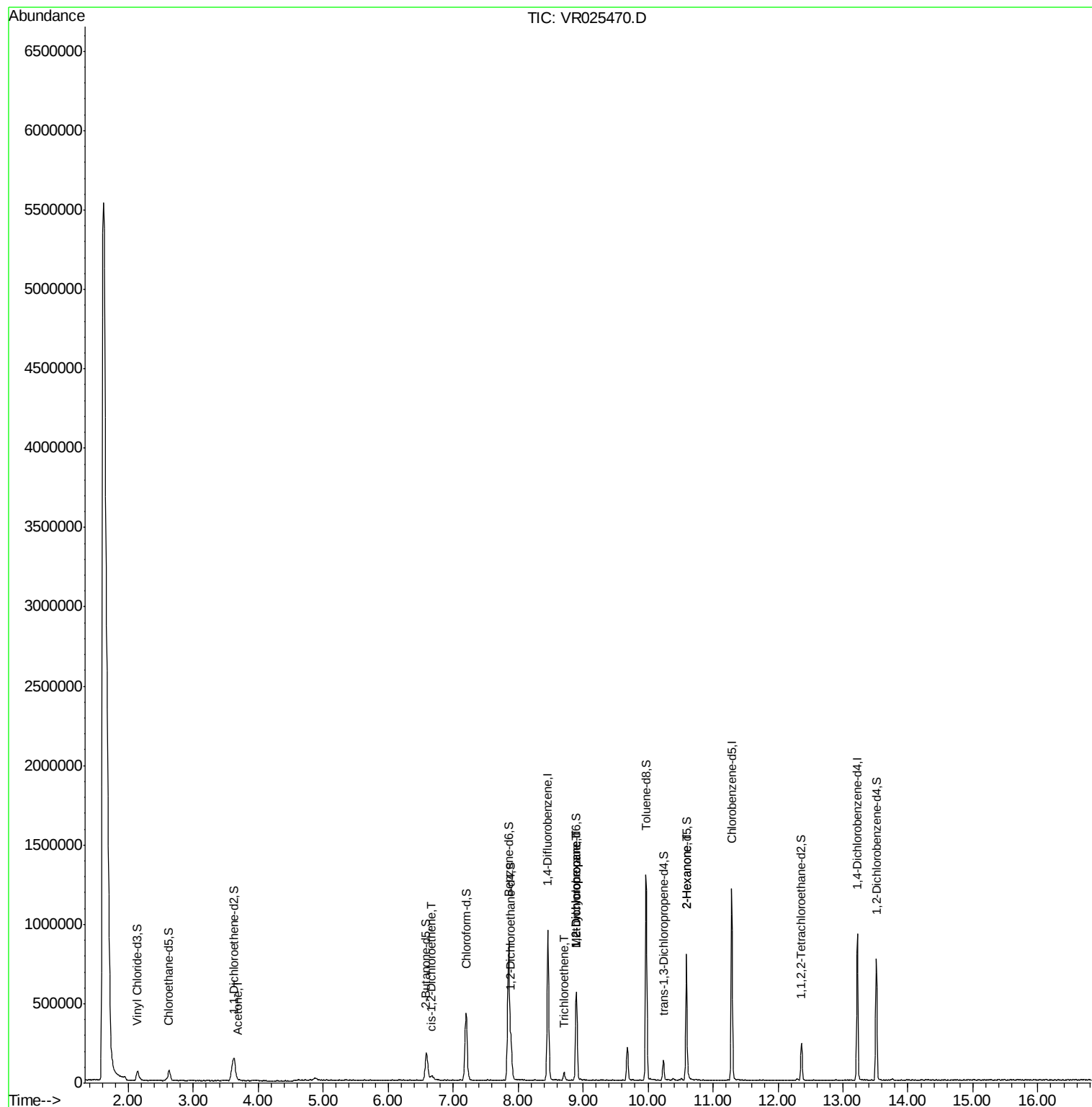
					Qvalue
13) Acetone	3.70	43	4453	1.555 ug/L	73
22) cis-1,2-Dichloroethene	6.67	96	14340	0.283 ug/L #	69
34) Trichloroethene	8.71	95	17977	0.347 ug/L	83
35) Methylcyclohexane	8.90	83	60145	0.868 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	28590	0.604 ug/L #	92
48) 2-Hexanone	10.59	43	29975	3.179 ug/L #	70

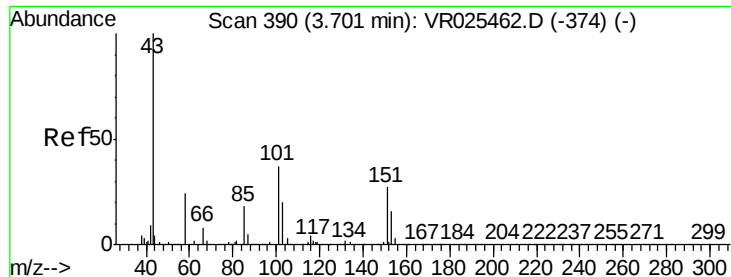
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR071318\
Data File : VR025470.D
Acq On : 13 Jul 2018 19:52
Operator : SY/MD
Sample : J3985-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DB1A8

Quant Time: Jul 13 23:51:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 23:51:14 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.555 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

Lab File: VR025470.D

Acq: 13 Jul 2018 19:52

Instrument :

MSVOA_R

ClientSampleId :

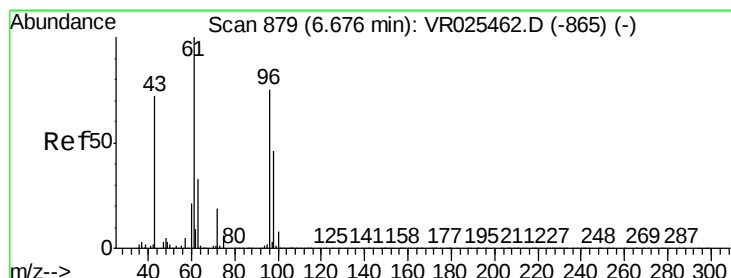
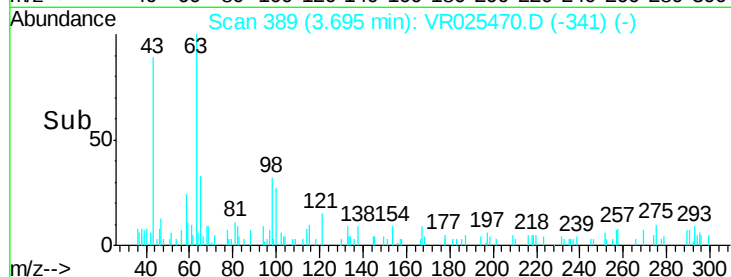
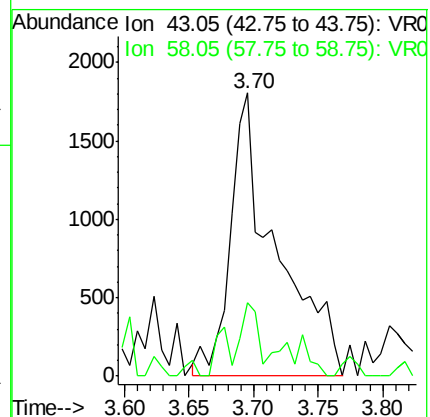
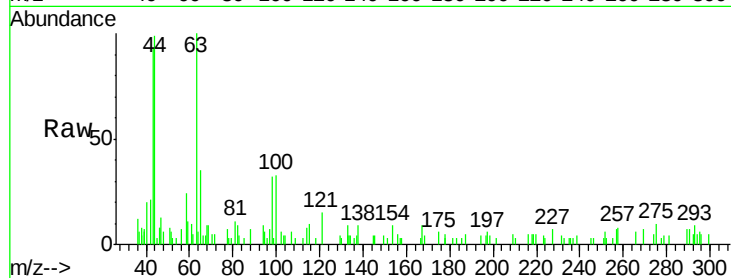
DB1A8

Tgt Ion: 43 Resp: 4453

Ion Ratio Lower Upper

43 100

58 8.3 0.0 41.6



#22

cis-1,2-Dichloroethene

Concen: 0.283 ug/L

RT: 6.67 min Scan# 878

Delta R.T. -0.01 min

Lab File: VR025470.D

Acq: 13 Jul 2018 19:52

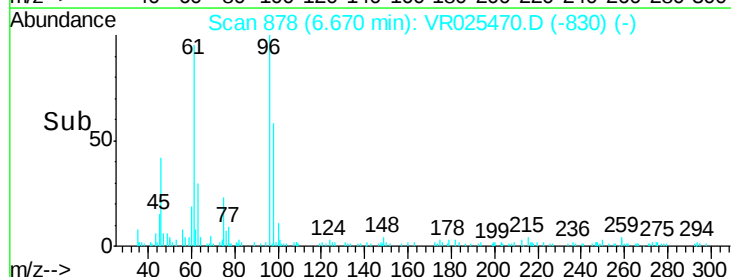
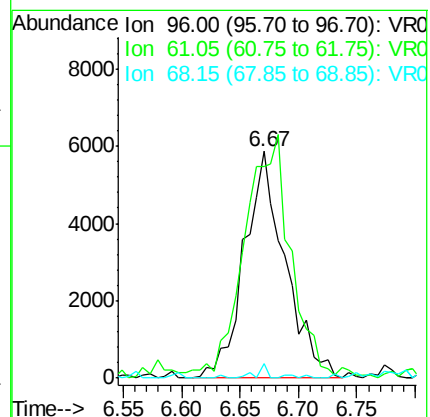
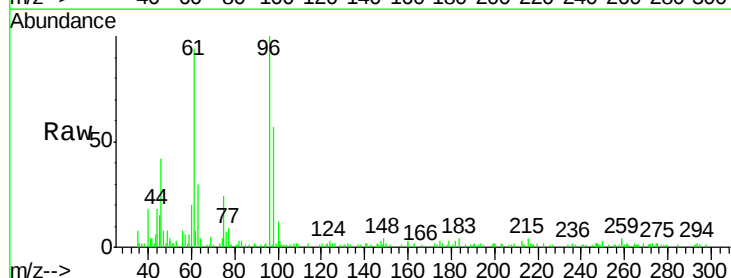
Tgt Ion: 96 Resp: 14340

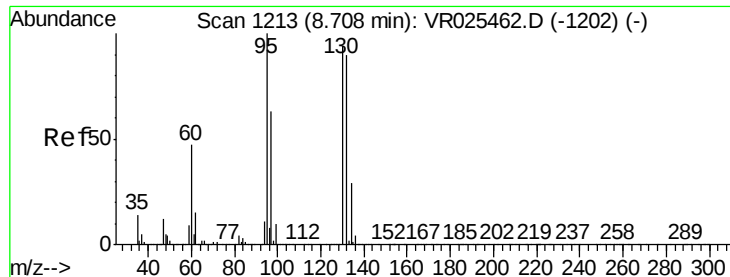
Ion Ratio Lower Upper

96 100

61 93.5 91.0 169.0

68 6.3 0.0 0.0#





#34

Trichloroethene

Concen: 0.347 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VR025470.D

Acq: 13 Jul 2018 19:52

Instrument :

MSVOA_R

ClientSampleId :

DB1A8

Tgt Ion: 95 Resp: 17977

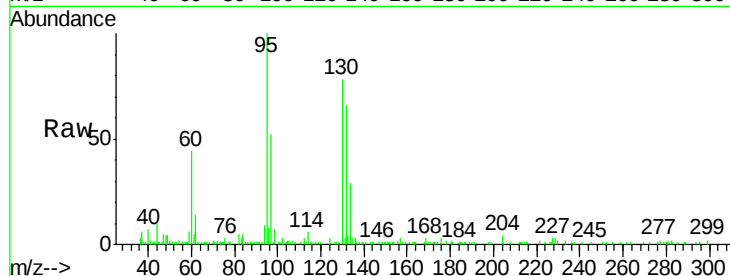
Ion Ratio Lower Upper

95 100

97 51.8 45.6 84.6

132 66.2 60.9 113.1

130 78.1 62.0 115.2

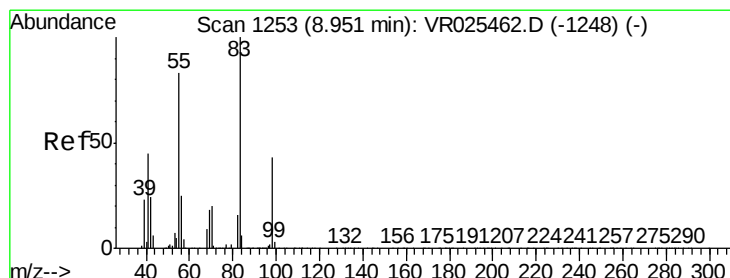
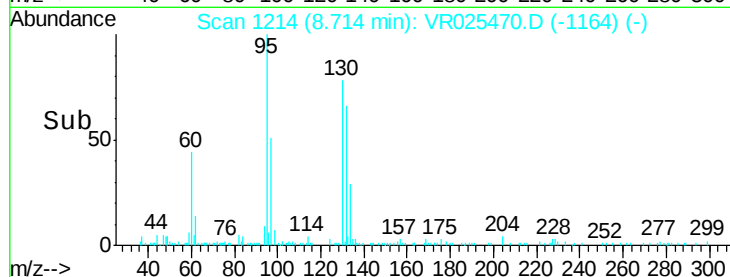
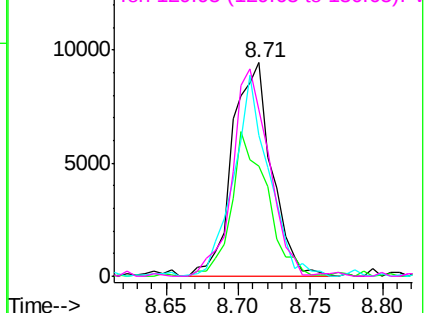


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.868 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025470.D

Acq: 13 Jul 2018 19:52

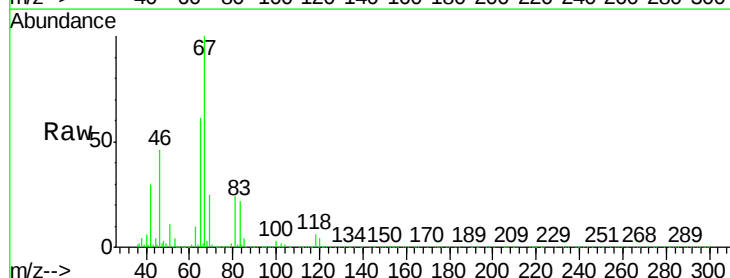
Tgt Ion: 83 Resp: 60145

Ion Ratio Lower Upper

83 100

55 1.2 66.1 99.1#

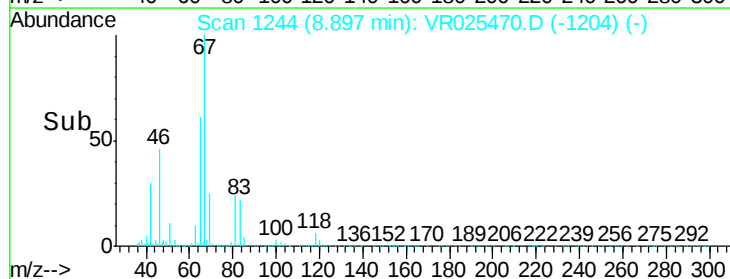
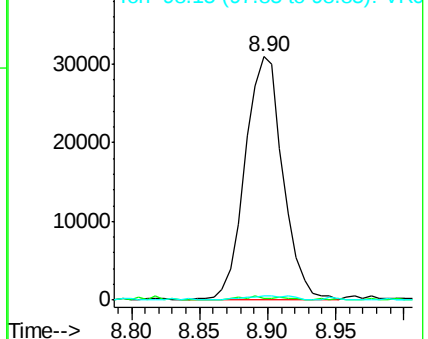
98 2.2 36.2 54.4#

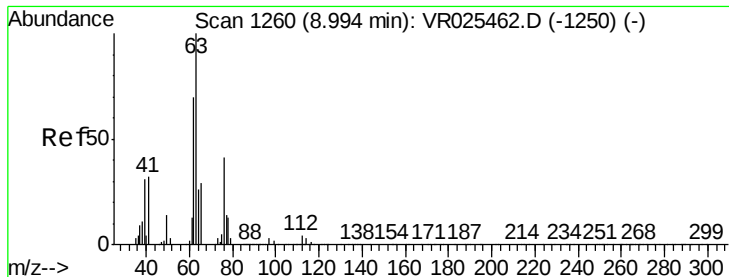


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025470.D

Acq: 13 Jul 2018 19:52

Instrument :

MSVOA_R

ClientSampleId :

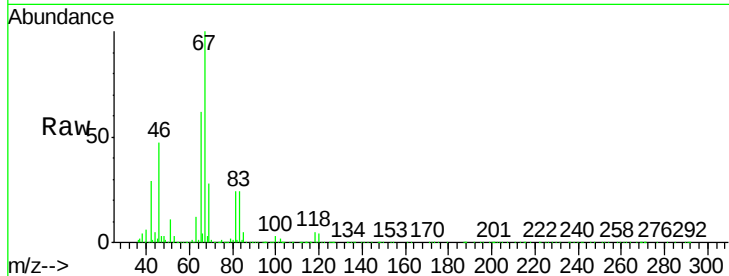
DB1A8

Tgt Ion: 63 Resp: 28590

Ion Ratio Lower Upper

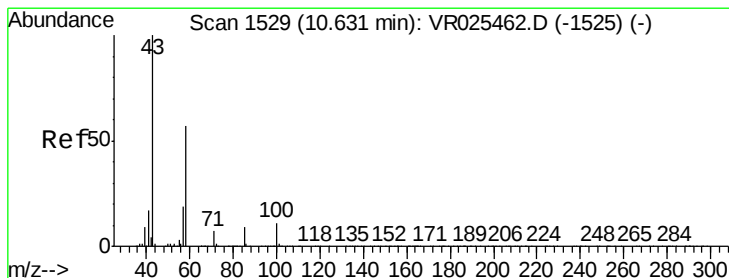
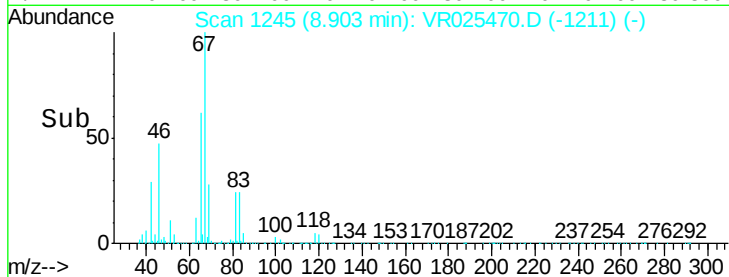
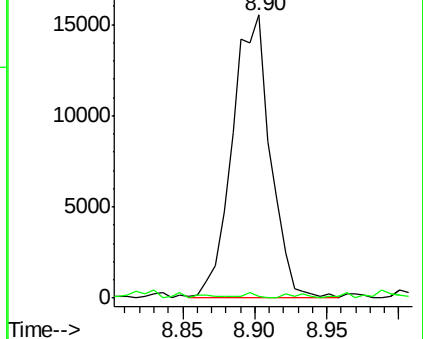
63 100

112 0.8 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 3.179 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025470.D

Acq: 13 Jul 2018 19:52

Tgt Ion: 43 Resp: 29975

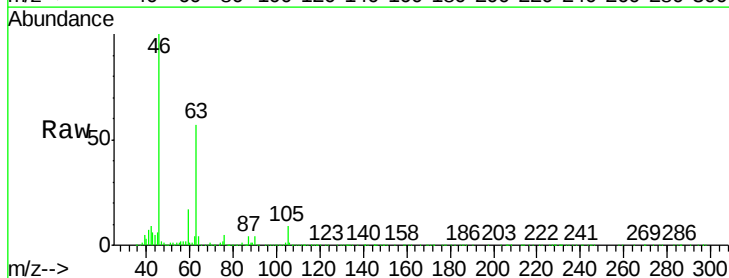
Ion Ratio Lower Upper

43 100

58 29.7 43.1 64.7#

57 30.5 15.3 22.9#

100 3.4 7.9 11.9#



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

