

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080618\
 Data File : VR025557.D
 Acq On : 6 Aug 2018 16:29
 Operator : SY/MD
 Sample : J4358-01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW3

Quant Time: Aug 06 23:41:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 06 23:40:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	518212	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	441820	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	135511	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	2.63	69	118624	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	3.63	63	248004	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.60	46	168452	63.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.94%
24) Chloroform-d	7.21	84	293172	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	7.89	65	106692	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	7.86	84	640504	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	8.90	67	174611	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	9.97	98	577720	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	10.24	79	40685	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	10.59	63	166469	65.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.94%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84529	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	157482	6.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.80%#

Target Compounds

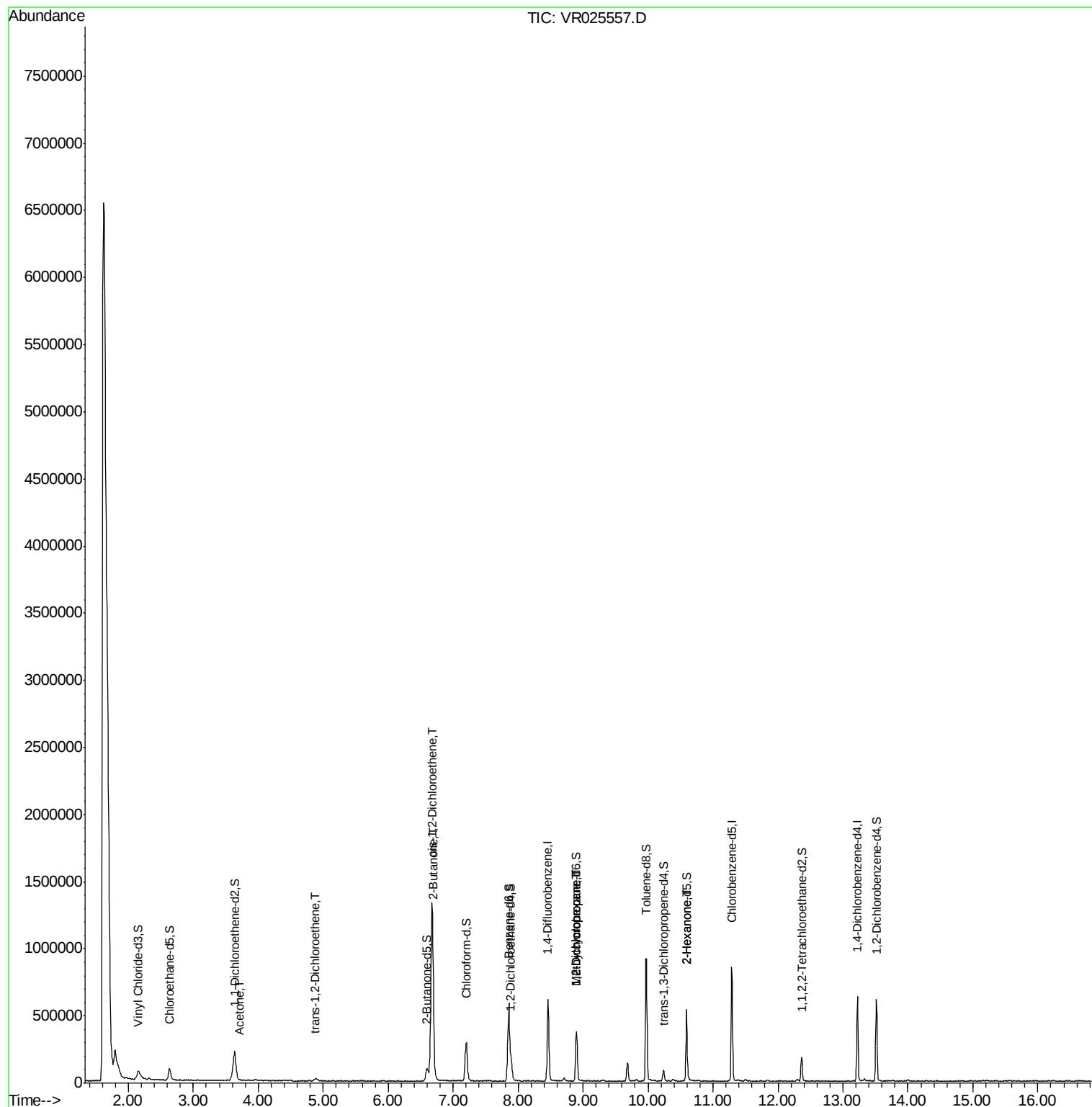
					Qvalue
13) Acetone	3.71	43	3237	1.451 ug/L	95
18) trans-1,2-Dichloroethene	4.88	96	13816	0.390 ug/L	94
21) 2-Butanone	6.69	43	1084	0.350 ug/L	85
22) cis-1,2-Dichloroethene	6.68	96	874679	27.014 ug/L	99
35) Methylcyclohexane	8.90	83	40639	0.796 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	16966	0.590 ug/L #	95
48) 2-Hexanone	10.59	43	19456	3.563 ug/L #	66

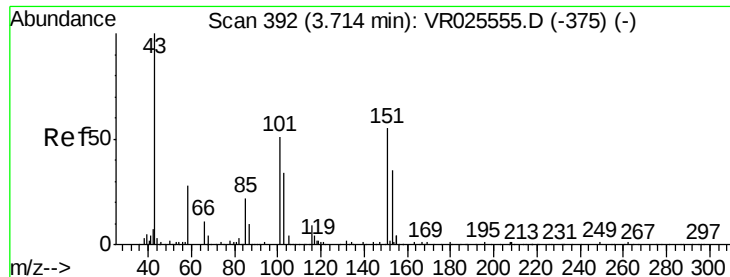
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 06 23:40:46 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.451 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.00 min

Lab File: VR025557.D

Acq: 6 Aug 2018 16:29

Instrument :

MSVOA_R

ClientSampled :

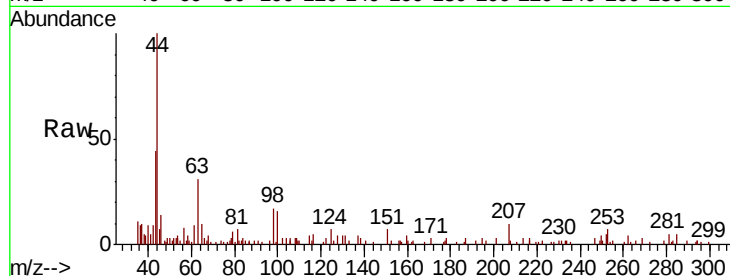
ESWW3

Tgt Ion: 43 Resp: 3237

Ion Ratio Lower Upper

43 100

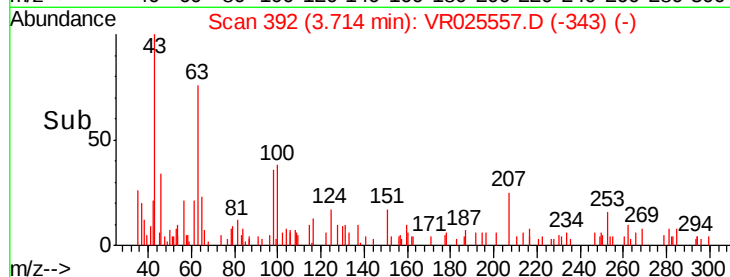
58 29.2 0.0 53.4



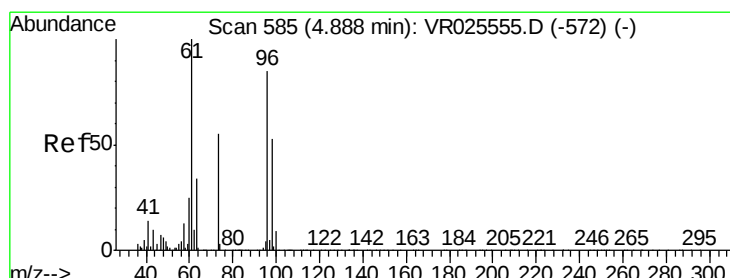
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Time-->



Time-->



#18

trans-1,2-Dichloroethene

Concen: 0.390 ug/L

RT: 4.88 min Scan# 584

Delta R.T. -0.01 min

Lab File: VR025557.D

Acq: 6 Aug 2018 16:29

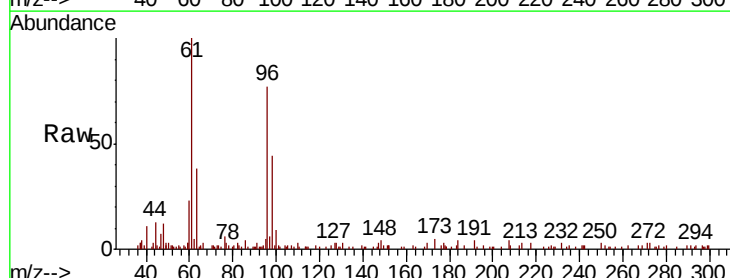
Tgt Ion: 96 Resp: 13816

Ion Ratio Lower Upper

96 100

61 130.2 85.5 158.9

98 57.7 42.1 78.1

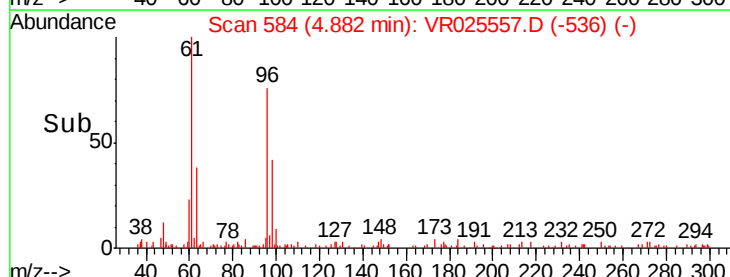


Abundance Ion 96.00 (95.70 to 96.70): VR0

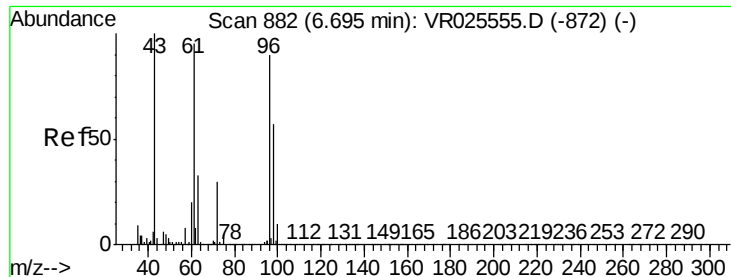
Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0

Time-->



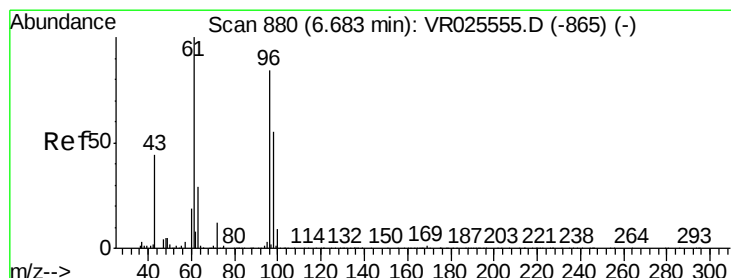
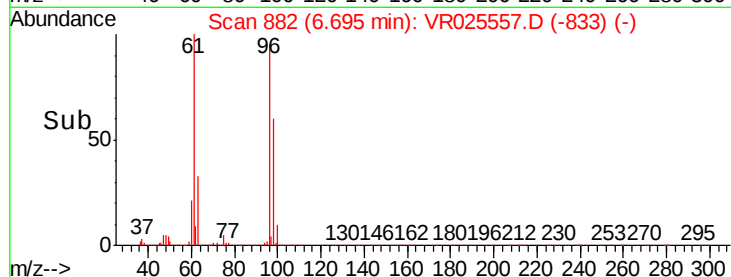
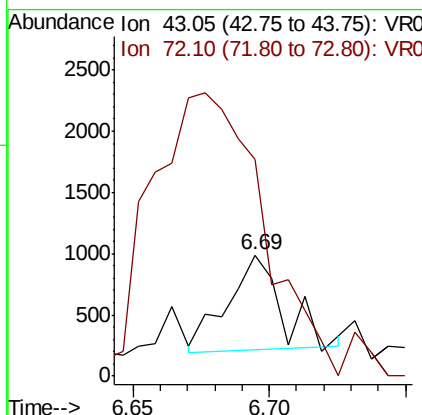
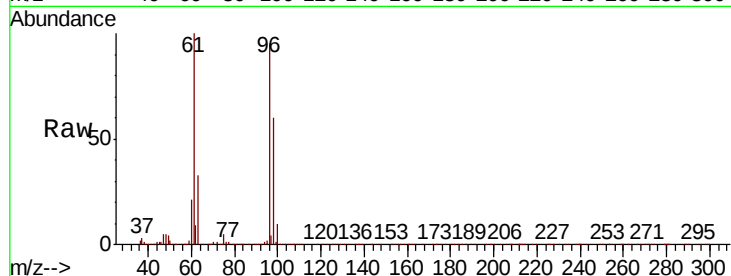
Time-->



#21
2-Butanone
Concen: 0.350 ug/L
RT: 6.69 min Scan# 882
Delta R.T. 0.00 min
Lab File: VR025557.D
Acq: 6 Aug 2018 16:29

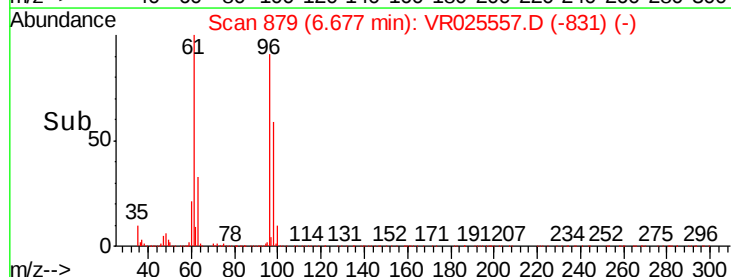
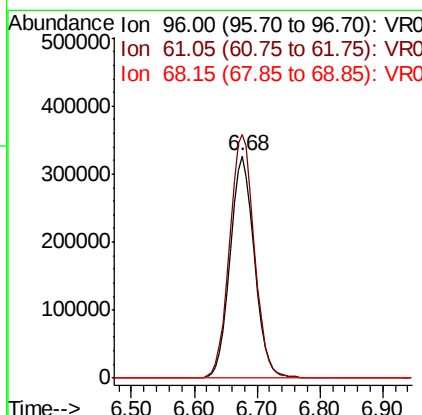
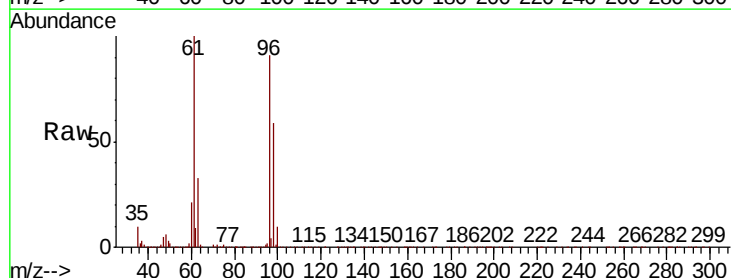
Instrument :
MSVOA_R
ClientSampled :
ESWW3

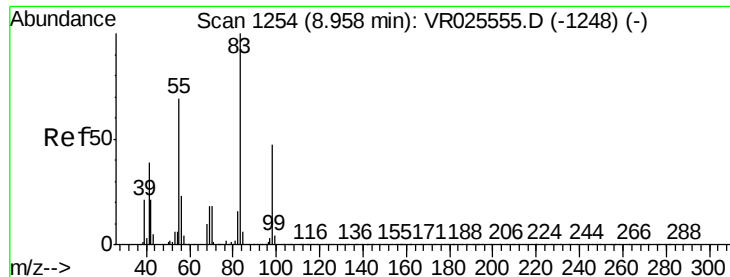
Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
72 18.7 13.2 39.6



#22
cis-1,2-Dichloroethene
Concen: 27.014 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.01 min
Lab File: VR025557.D
Acq: 6 Aug 2018 16:29

Tgt Ion: 96 Resp: 874679
Ion Ratio Lower Upper
96 100
61 109.5 77.7 144.3
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025557.D

Acq: 6 Aug 2018 16:29

Instrument :

MSVOA_R

ClientSampleId :

ESWW3

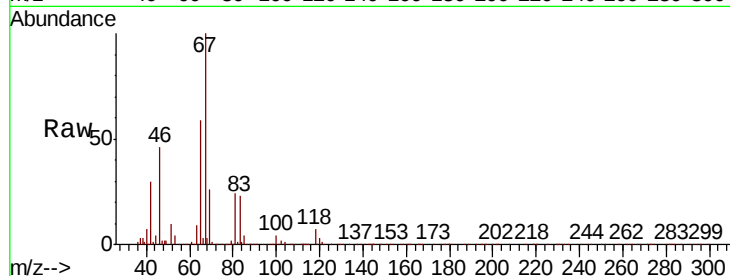
Tgt Ion: 83 Resp: 40639

Ion Ratio Lower Upper

83 100

55 1.1 58.3 87.5#

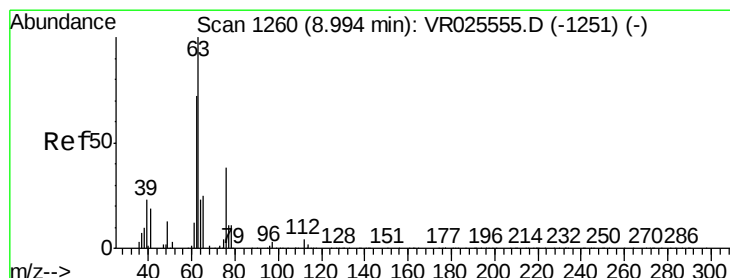
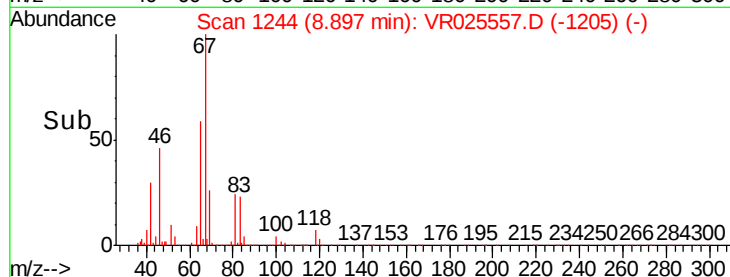
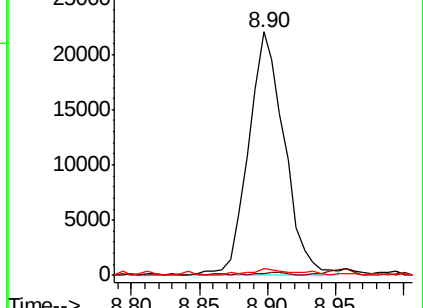
98 2.9 37.8 56.6#



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: 0.590 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025557.D

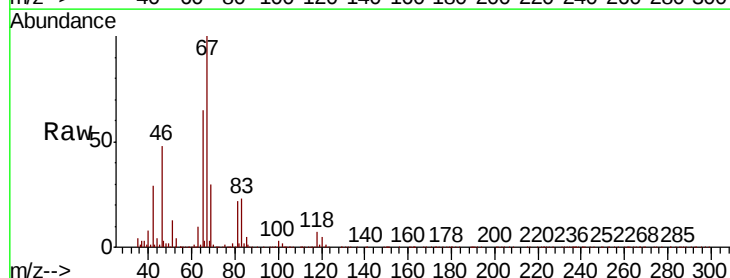
Acq: 6 Aug 2018 16:29

Tgt Ion: 63 Resp: 16966

Ion Ratio Lower Upper

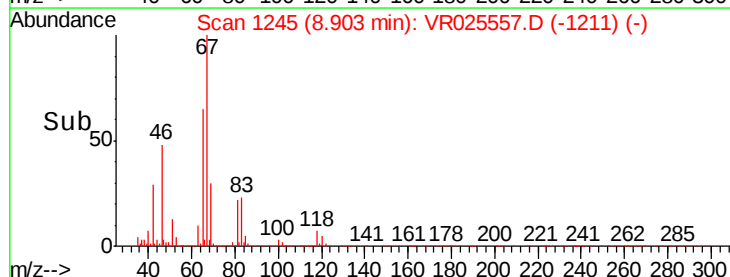
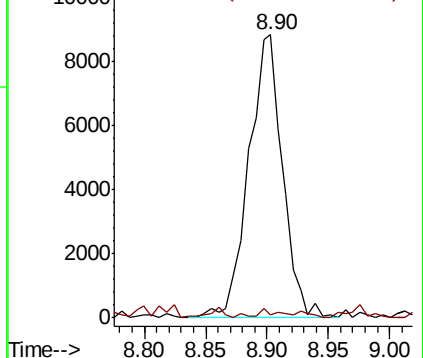
63 100

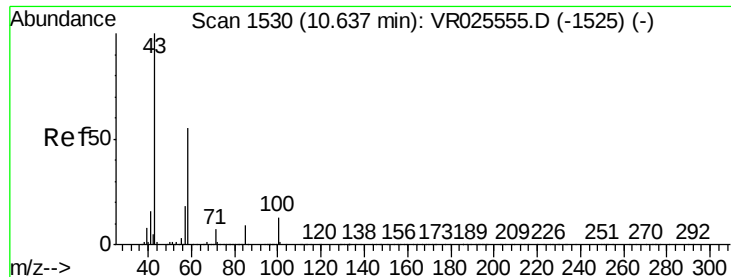
112 2.3 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.563 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025557.D

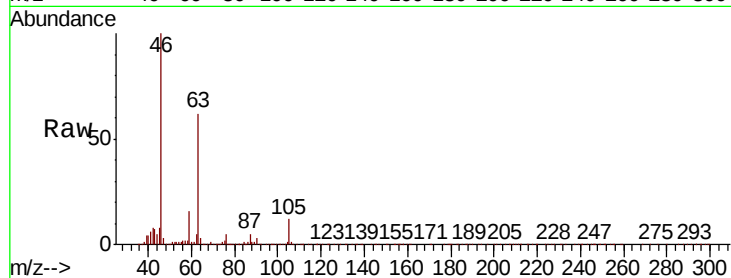
Acq: 6 Aug 2018 16:29

Instrument :

MSVOA_R

ClientSampleId :

ESWW3



Tgt Ion: 43 Resp: 19456

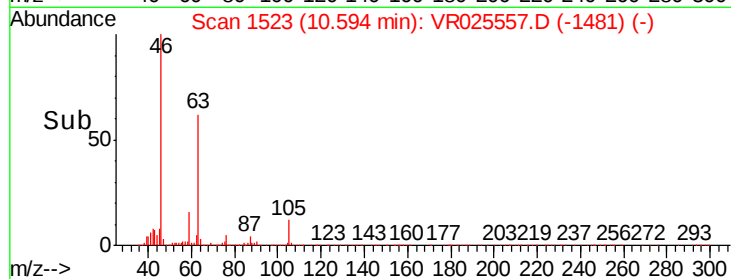
Ion Ratio Lower Upper

43 100

58 28.8 45.0 67.6#

57 33.8 15.8 23.6#

100 4.0 9.3 13.9#



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

