

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
 Data File : VR025395.D
 Acq On : 21 Jun 2018 12:59
 Operator : SY/MD
 Sample : J3514-12DL 8X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KG9DL

Quant Time: Jun 22 02:53:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 02:50:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	509997	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	437075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	74098	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	2.64	69	58457	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	3.64	63	154977	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	6.60	46	305183	65.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.08%#
24) Chloroform-d	7.20	84	344897	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	7.89	65	144708	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	7.86	84	703989	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	8.90	67	226228	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	9.97	98	597319	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	10.24	79	47637	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	10.59	63	251819	64.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	106653	6.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	130.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	143428	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

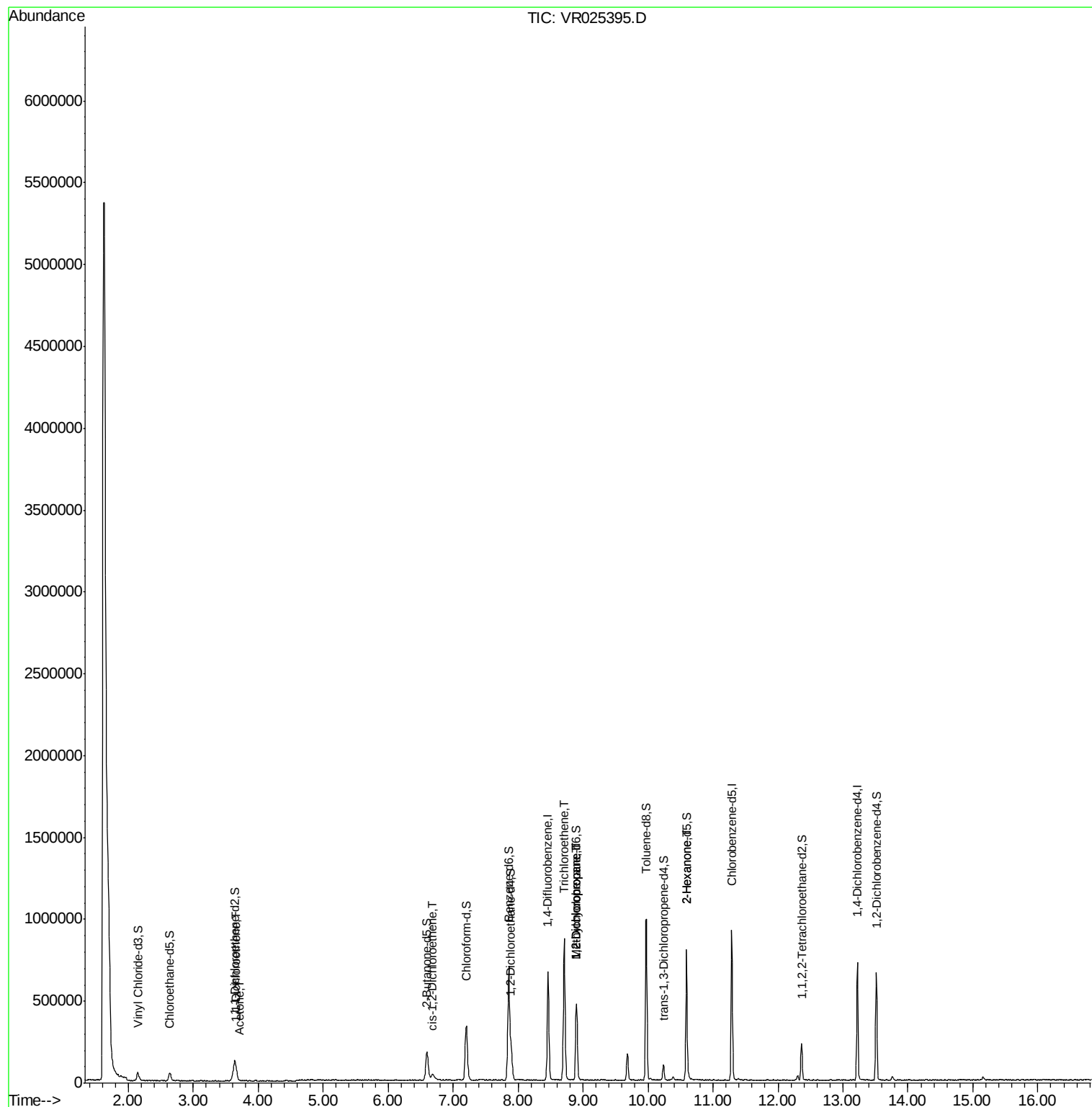
					Qvalue
12) 1,1-Dichloroethene	3.67	96	10942	0.610 ug/L #	1
13) Acetone	3.71	43	2318	1.102 ug/L	68
22) cis-1,2-Dichloroethene	6.67	96	10169	0.264 ug/L #	98
34) Trichloroethene	8.71	95	309500	7.455 ug/L	98
35) Methylcyclohexane	8.90	83	51089	0.780 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	23364	0.612 ug/L #	92
48) 2-Hexanone	10.59	43	31029	3.943 ug/L #	68

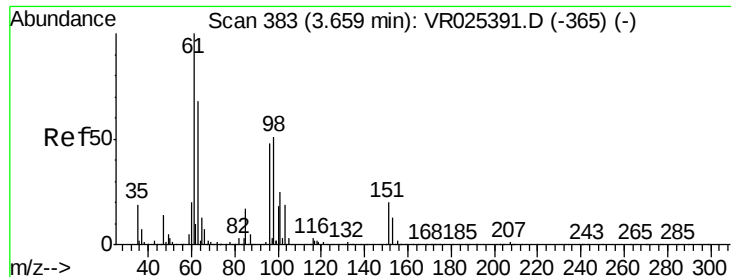
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 02:50:30 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.610 ug/L

RT: 3.67 min Scan# 384

Delta R.T. 0.01 min

Lab File: VR025395.D

Acq: 21 Jun 2018 12:59

Instrument :

MSVOA_R

ClientSampleId :

C0KG9DL

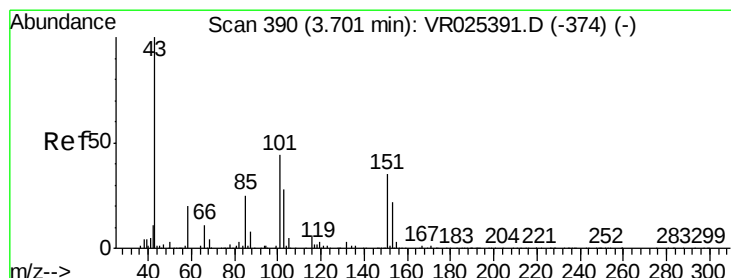
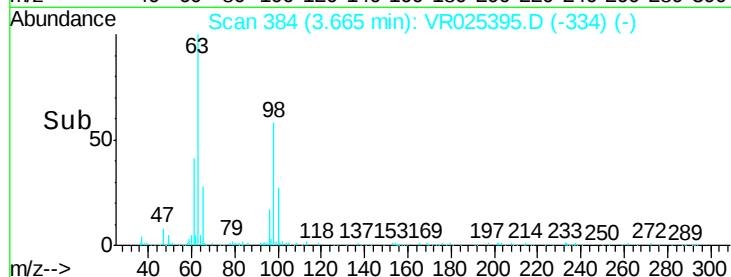
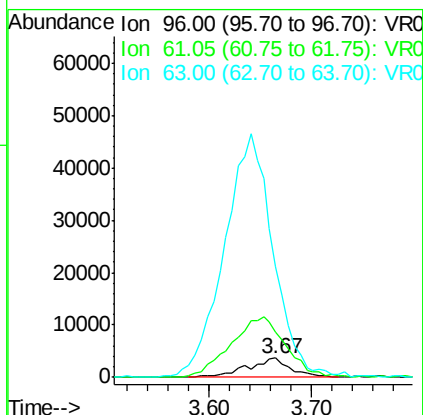
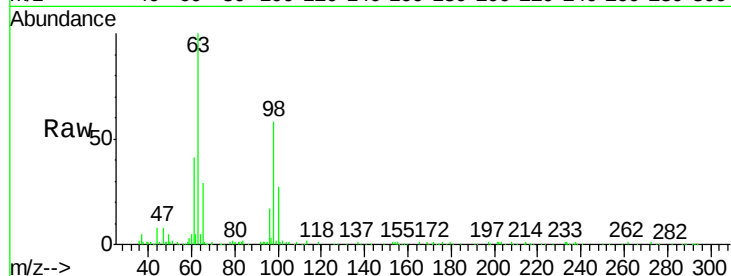
Tgt Ion: 96 Resp: 10942

Ion Ratio Lower Upper

96 100

61 238.0 155.0 287.9

63 581.0 122.3 227.1#



#13

Acetone

Concen: 1.102 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025395.D

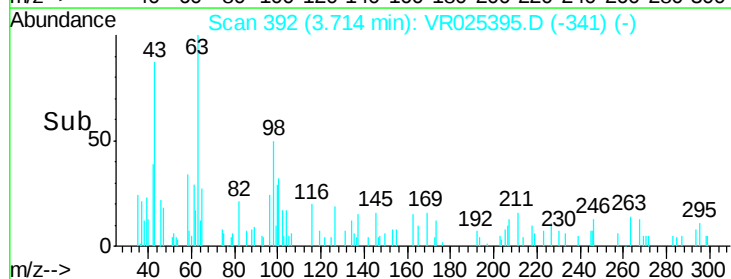
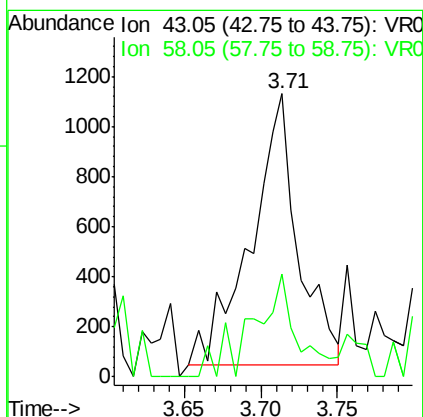
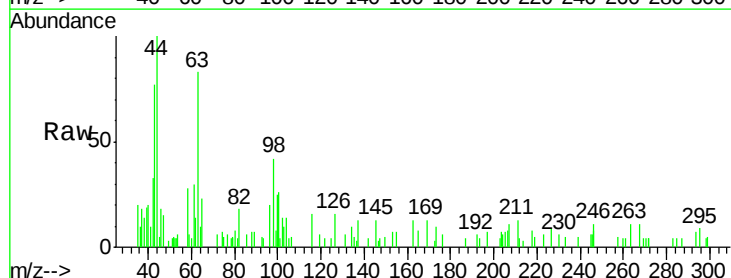
Acq: 21 Jun 2018 12:59

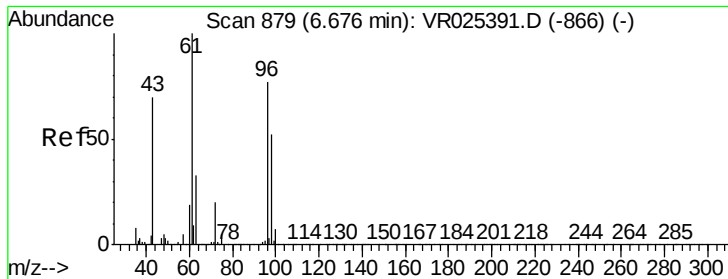
Tgt Ion: 43 Resp: 2318

Ion Ratio Lower Upper

43 100

58 35.9 0.0 41.6



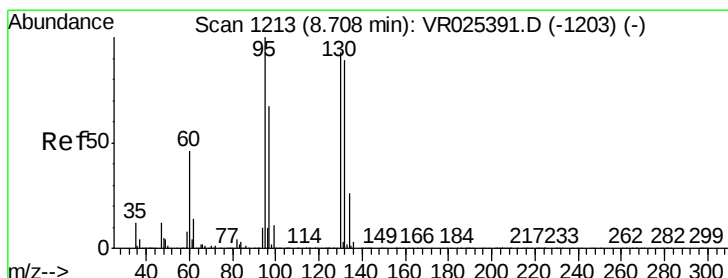
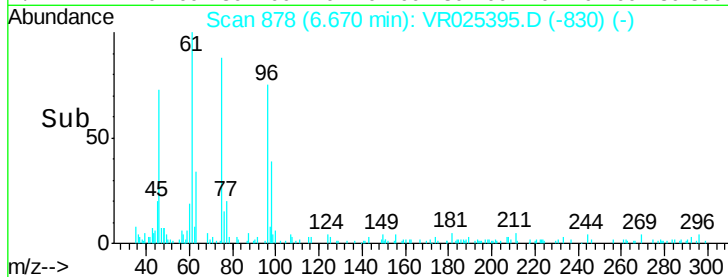
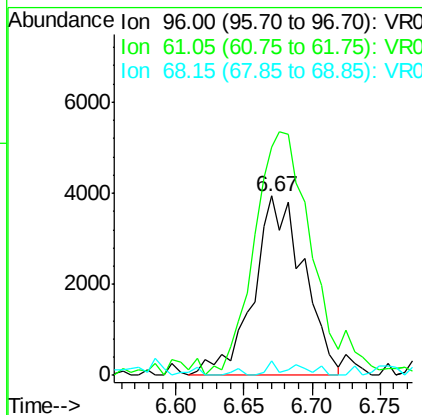
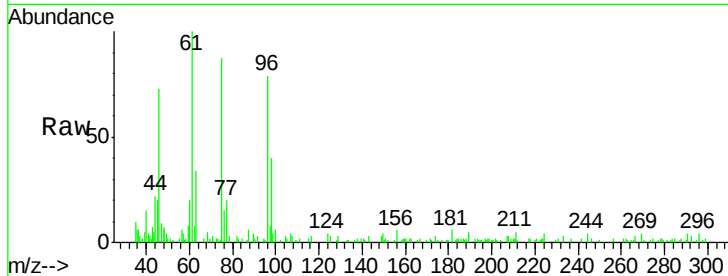


#22

cis-1,2-Dichloroethene
Concen: 0.264 ug/L
RT: 6.67 min Scan# 878
Delta R.T. -0.01 min
Lab File: VR025395.D
Acq: 21 Jun 2018 12:59

Instrument :
MSVOA_R
ClientSampleId :
C0KG9DL

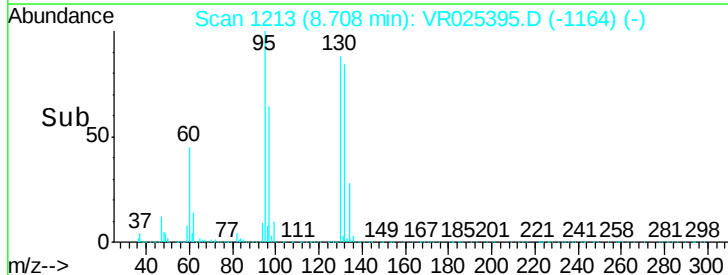
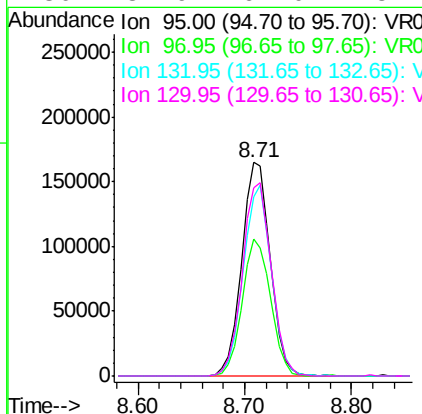
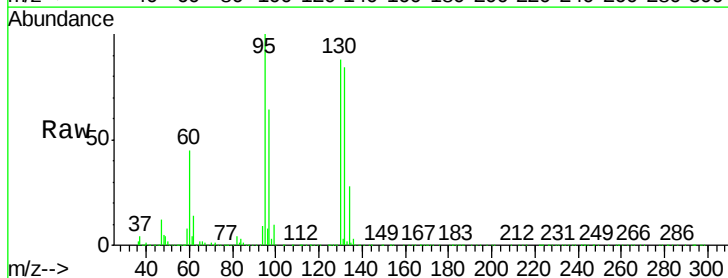
Tgt Ion: 96 Resp: 10169
Ion Ratio Lower Upper
96 100
61 127.2 91.0 169.0
68 7.8 0.0 0.0#

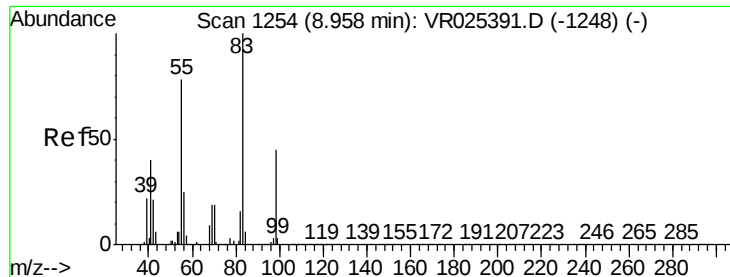


#34

Trichloroethene
Concen: 7.455 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025395.D
Acq: 21 Jun 2018 12:59

Tgt Ion: 95 Resp: 309500
Ion Ratio Lower Upper
95 100
97 64.3 45.6 84.6
132 84.2 60.9 113.1
130 87.9 62.0 115.2





#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025395.D

Acq: 21 Jun 2018 12:59

Instrument :

MSVOA_R

ClientSampleId :

C0KG9DL

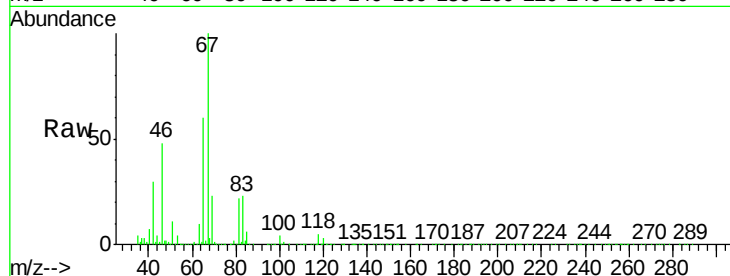
Tgt Ion: 83 Resp: 51089

Ion Ratio Lower Upper

83 100

55 1.0 66.1 99.1#

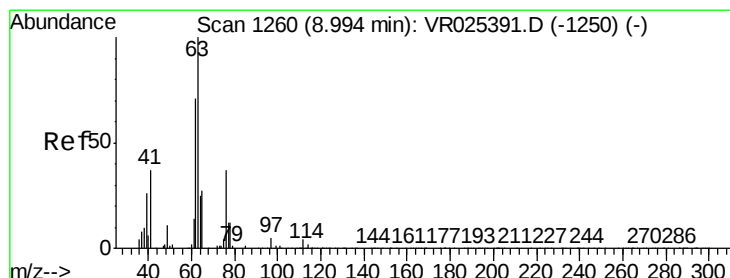
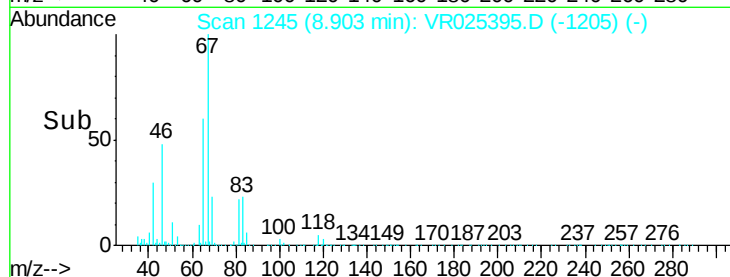
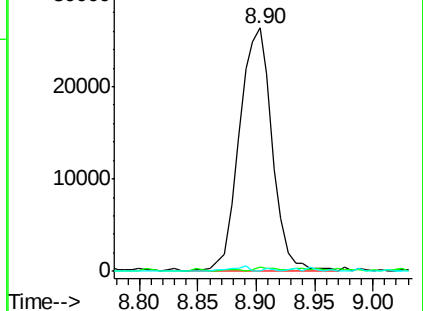
98 1.2 36.2 54.4#



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: 0.612 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025395.D

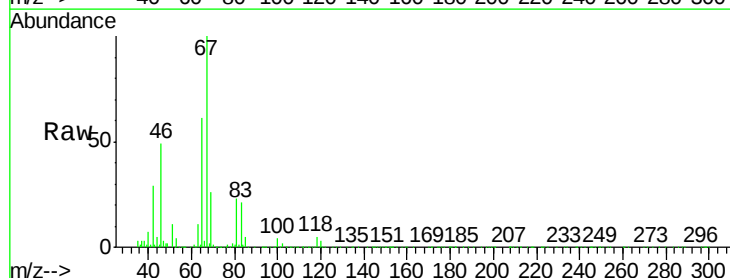
Acq: 21 Jun 2018 12:59

Tgt Ion: 63 Resp: 23364

Ion Ratio Lower Upper

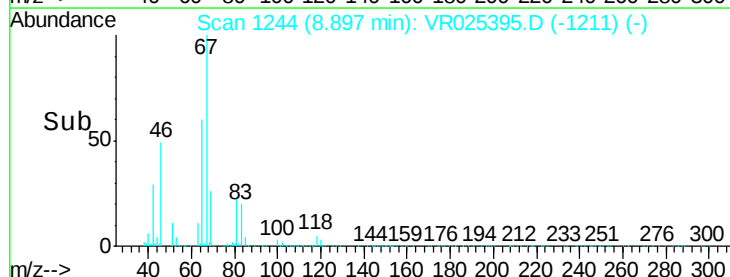
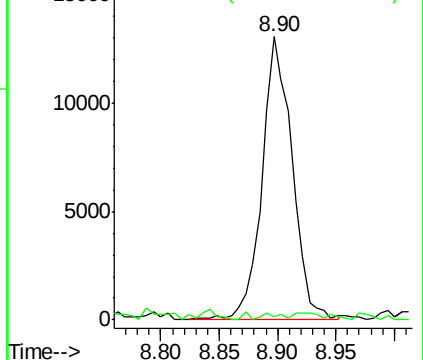
63 100

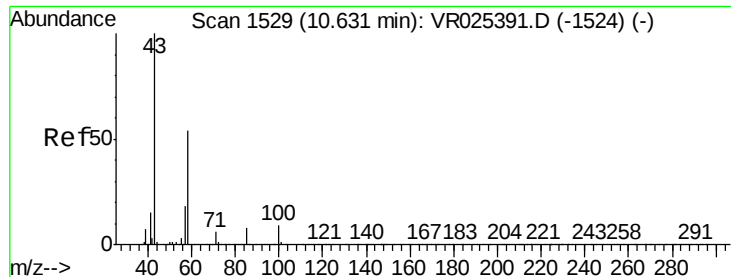
112 1.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.943 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025395.D

Acq: 21 Jun 2018 12:59

Instrument :

MSVOA_R

ClientSampleId :

C0KG9DL

Tgt Ion: 43 Resp: 31029

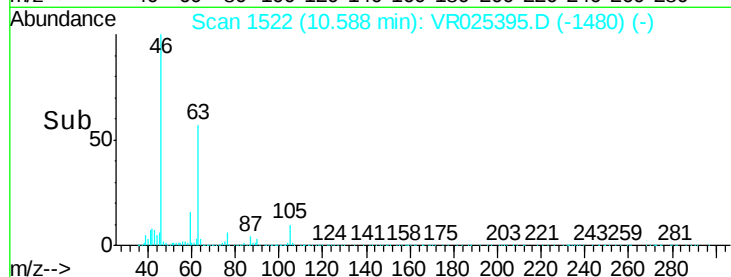
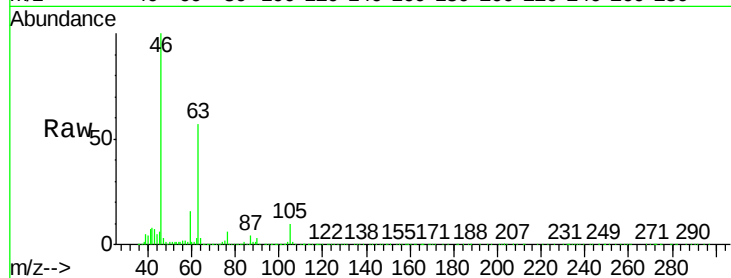
Ion Ratio Lower Upper

43 100

58 27.1 43.1 64.7#

57 30.4 15.3 22.9#

100 3.3 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

