

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025350.D
 Acq On : 17 Jun 2018 7:12
 Operator : SY/MD
 Sample : J3513-10
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KE6

Quant Time: Jun 18 04:10:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	553149	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	470481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	144901	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	69404	3.68	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	2.63	69	59443	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	3.64	63	236041	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	6.59	46	264637	52.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.80%
24) Chloroform-d	7.20	84	293020	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.89	65	120343	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	7.85	84	594819	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
36) 1,2-Dichloropropane-d6	8.90	67	192428	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	9.97	98	470601	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.80%#
43) trans-1,3-Dichloropropene-	10.24	79	23362	1.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	38.80%#
46) 2-Hexanone-d5	10.59	63	202901	48.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86586	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	108363	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

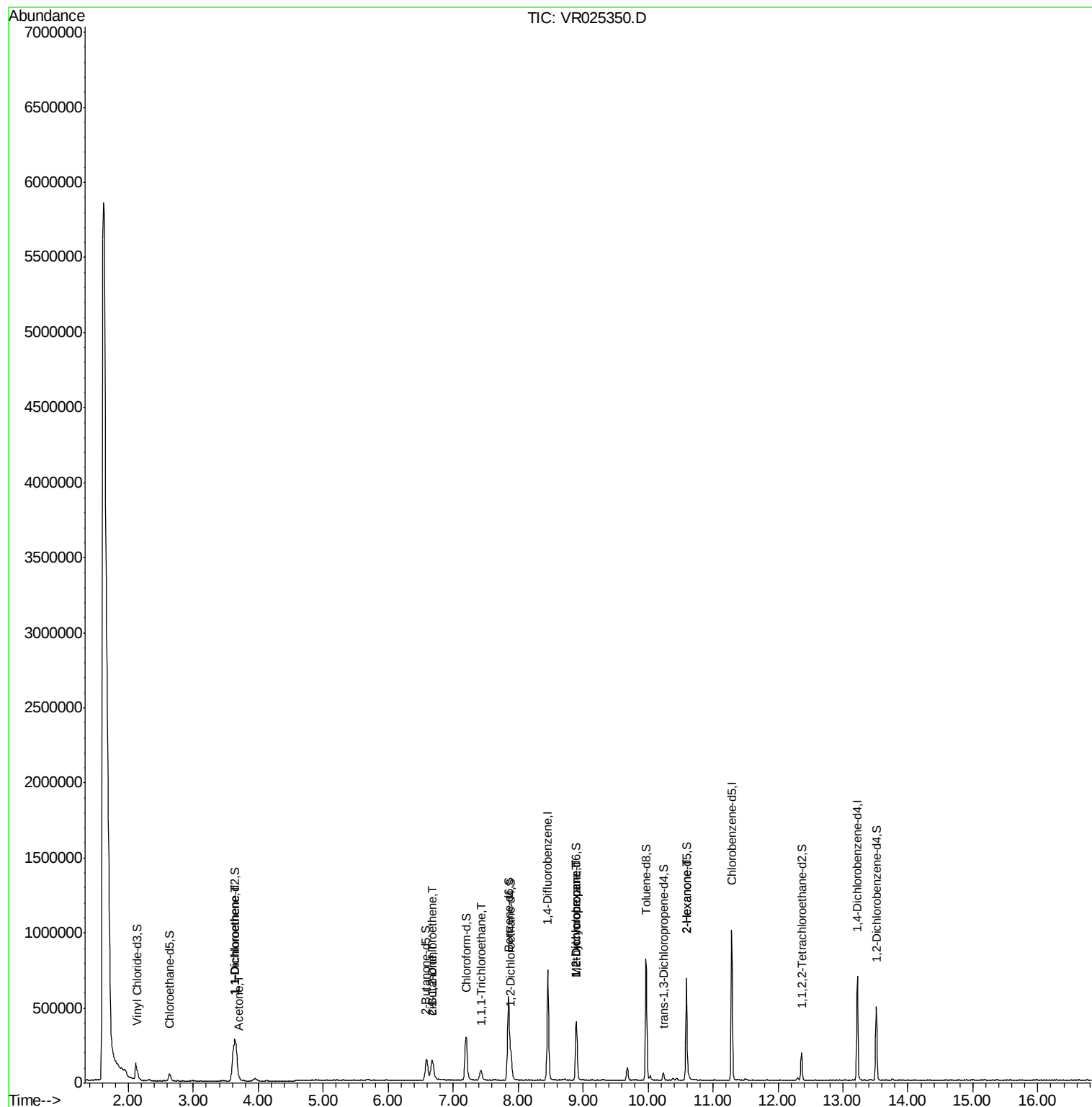
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	158802	8.167	ug/L #	76
13) Acetone	3.70	43	15686	6.877	ug/L	98
21) 2-Butanone	6.69	43	4984	0.925	ug/L	80
22) cis-1,2-Dichloroethene	6.67	96	51762	1.241	ug/L #	95
29) 1,1,1-Trichloroethane	7.42	97	56769	1.016	ug/L	96
35) Methylcyclohexane	8.90	83	41490	0.588	ug/L #	17
37) 1,2-Dichloropropane	8.89	63	19171	0.467	ug/L #	94
48) 2-Hexanone	10.59	43	26766	3.160	ug/L #	76

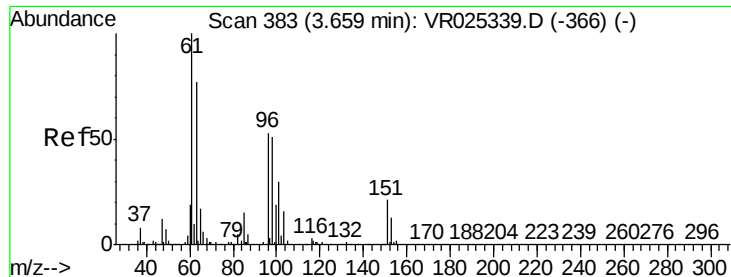
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 04:02:12 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 8.167 ug/L

RT: 3.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: VR025350.D

Acq: 17 Jun 2018 7:12

Instrument :

MSVOA_R

ClientSampleId :

C0KE6

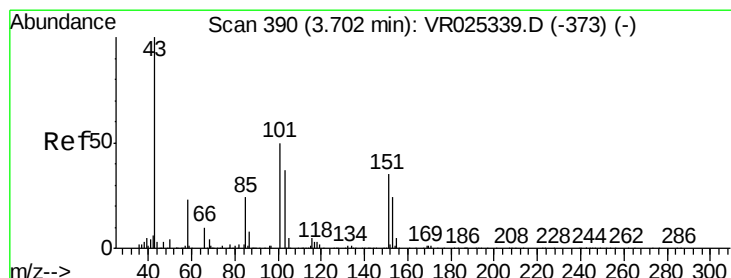
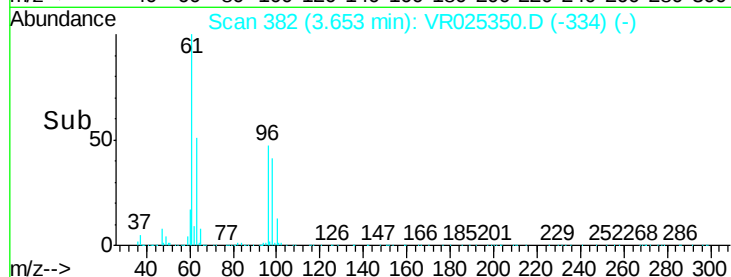
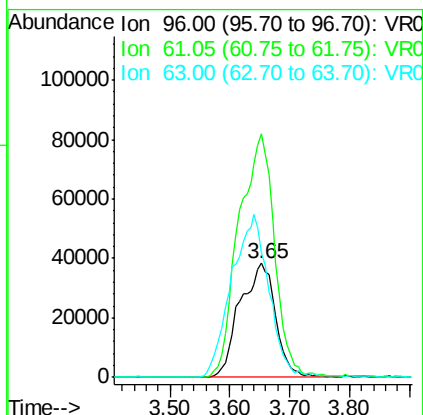
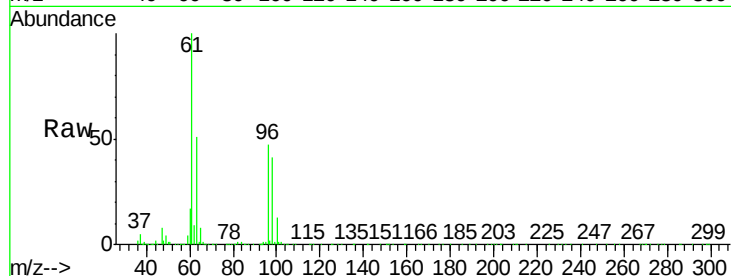
Tgt Ion: 96 Resp: 158802

Ion Ratio Lower Upper

96 100

61 213.5 155.0 287.9

63 109.1 122.3 227.1#



#13

Acetone

Concen: 6.877 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025350.D

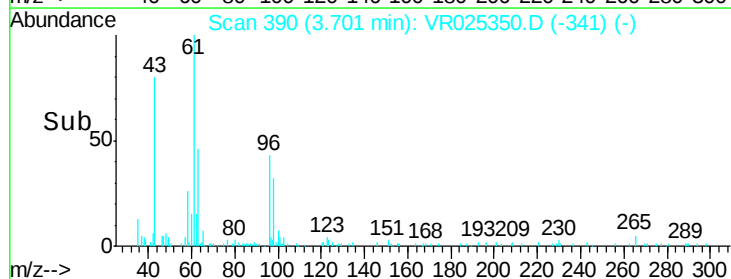
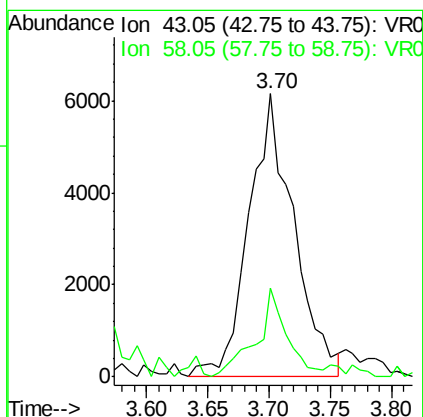
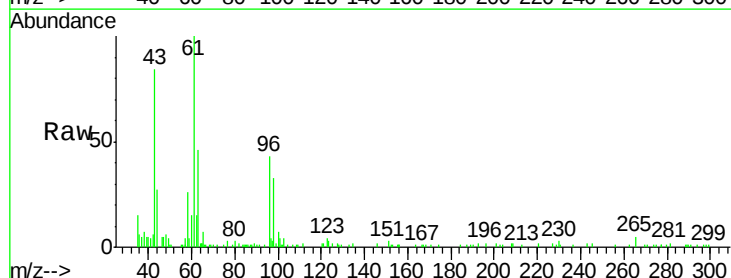
Acq: 17 Jun 2018 7:12

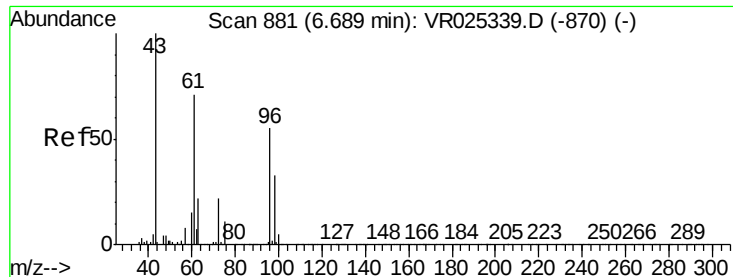
Tgt Ion: 43 Resp: 15686

Ion Ratio Lower Upper

43 100

58 21.7 0.0 41.6





#21

2-Butanone

Concen: 0.925 ug/L

RT: 6.69 min Scan# 881

Delta R.T. -0.00 min

Lab File: VR025350.D

Acq: 17 Jun 2018 7:12

Instrument :

MSVOA_R

ClientSampleId :

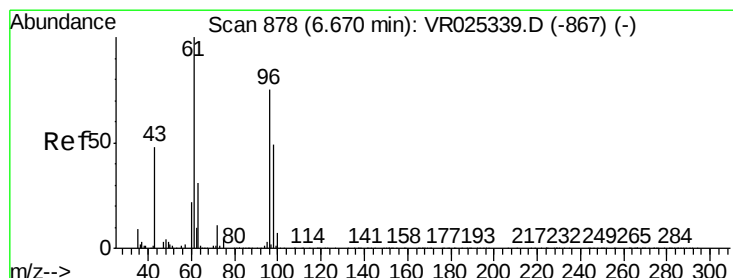
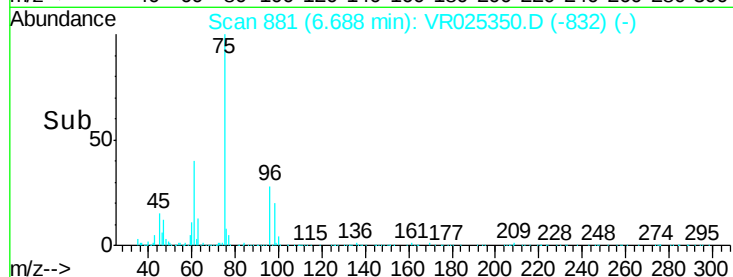
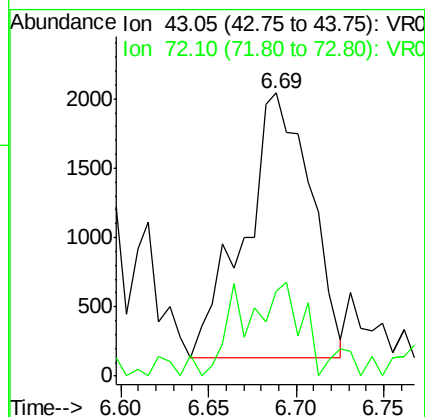
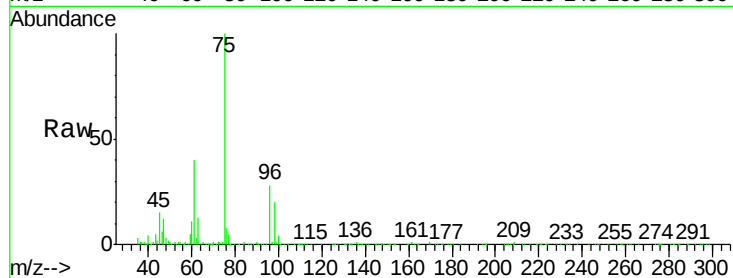
C0KE6

Tgt Ion: 43 Resp: 4984

Ion Ratio Lower Upper

43 100

72 15.5 13.0 38.9



#22

cis-1,2-Dichloroethene

Concen: 1.241 ug/L

RT: 6.67 min Scan# 878

Delta R.T. -0.00 min

Lab File: VR025350.D

Acq: 17 Jun 2018 7:12

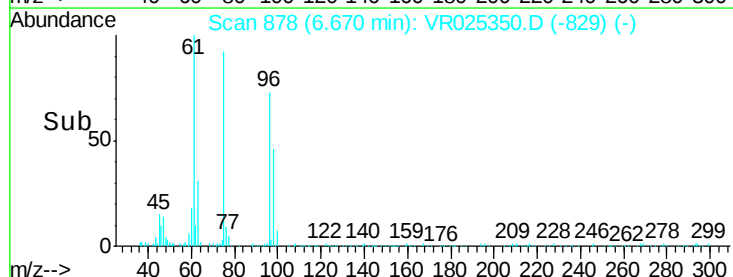
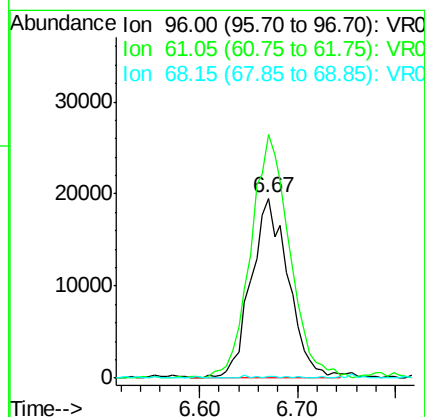
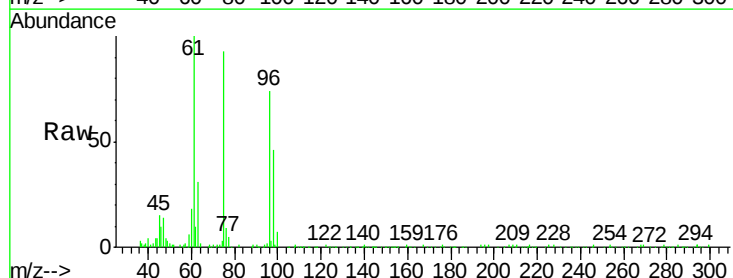
Tgt Ion: 96 Resp: 51762

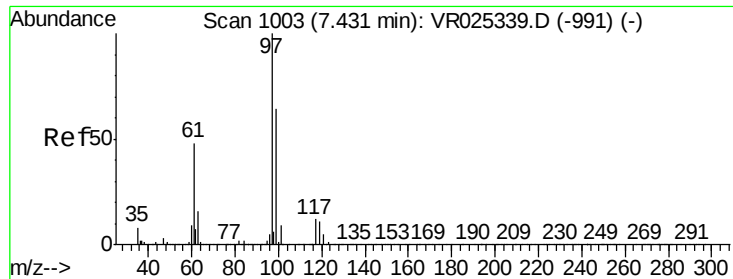
Ion Ratio Lower Upper

96 100

61 135.5 91.0 169.0

68 0.9 0.0 0.0#

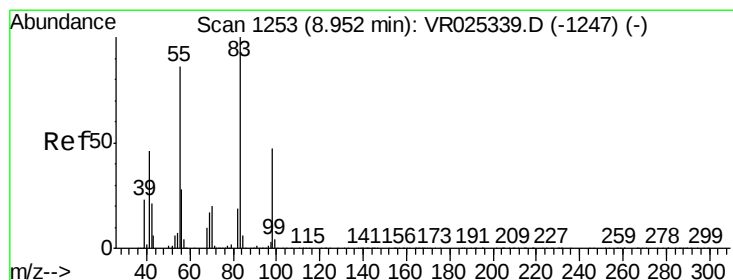
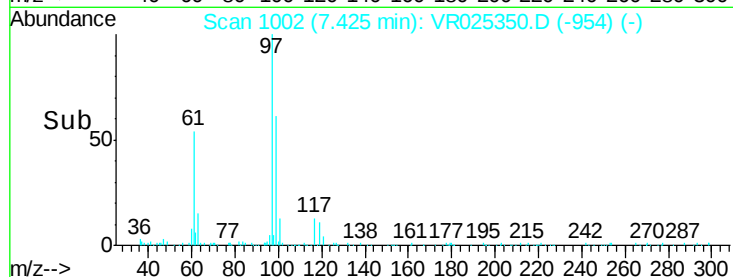
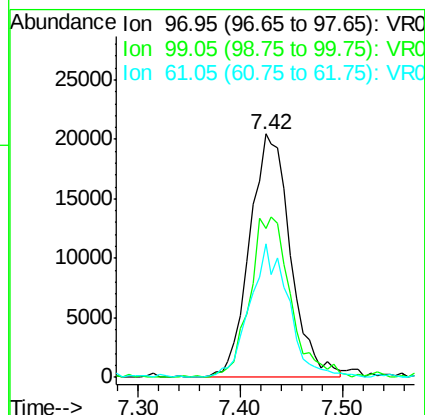
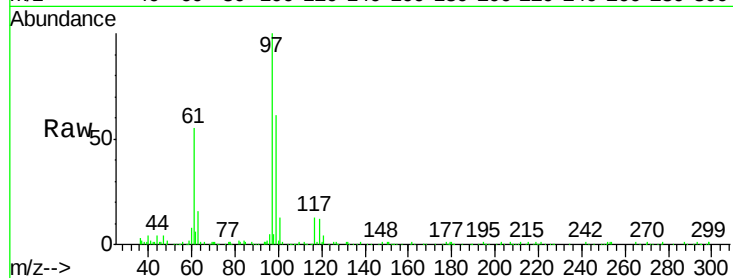




#29
 1,1,1-Trichloroethane
 Concen: 1.016 ug/L
 RT: 7.42 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: VR025350.D
 Acq: 17 Jun 2018 7:12

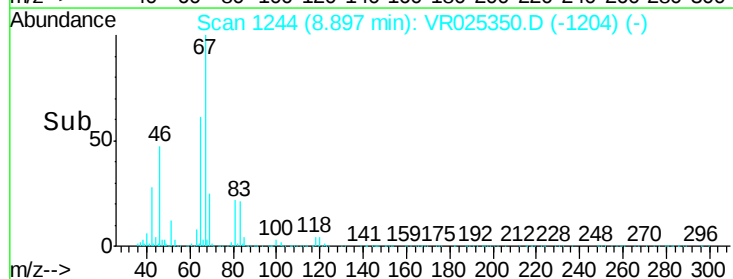
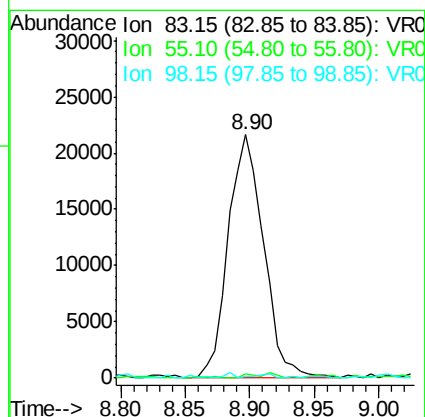
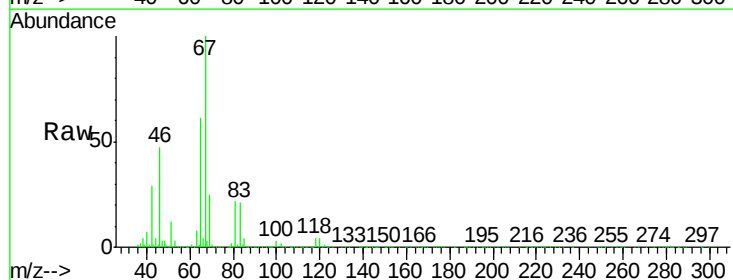
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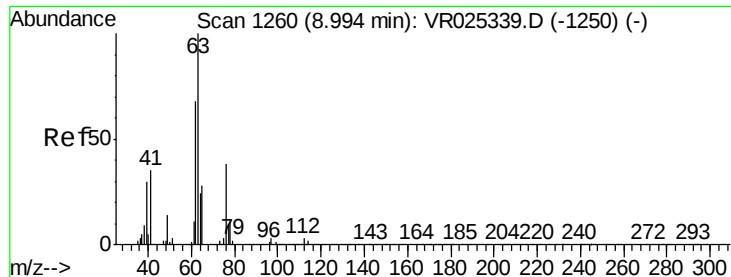
Tgt Ion: 97 Resp: 56769
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.1 78.1
 61 52.1 37.0 55.6



#35
 Methylcyclohexane
 Concen: 0.588 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.05 min
 Lab File: VR025350.D
 Acq: 17 Jun 2018 7:12

Tgt Ion: 83 Resp: 41490
 Ion Ratio Lower Upper
 83 100
 55 0.7 66.1 99.1#
 98 0.8 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.467 ug/L

RT: 8.89 min Scan# 1243

Delta R.T. -0.10 min

Lab File: VR025350.D

Acq: 17 Jun 2018 7:12

Instrument :

MSVOA_R

ClientSampleId :

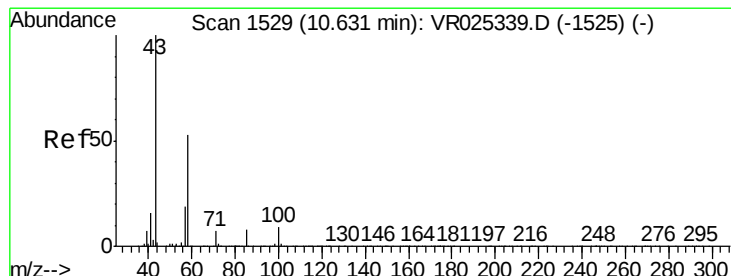
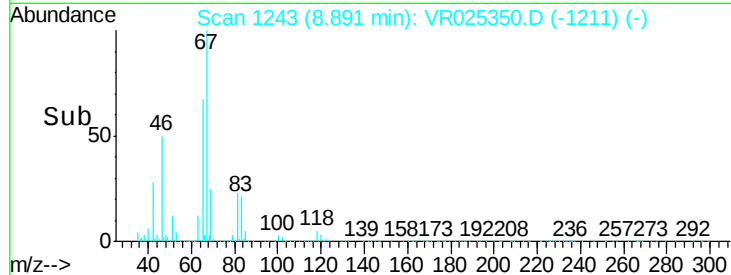
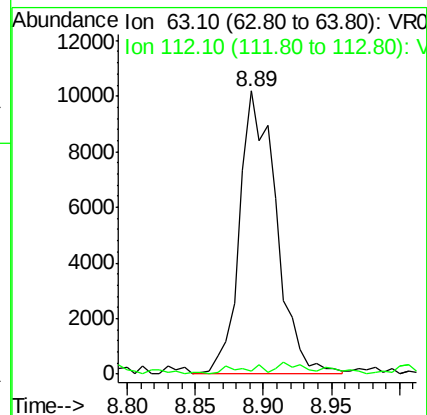
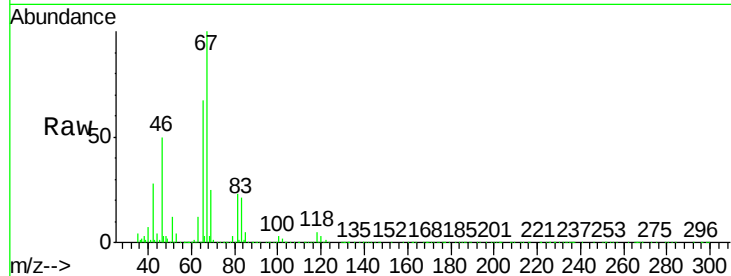
C0KE6

Tgt Ion: 63 Resp: 19171

Ion Ratio Lower Upper

63 100

112 1.6 2.9 4.3#



#48

2-Hexanone

Concen: 3.160 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025350.D

Acq: 17 Jun 2018 7:12

Tgt Ion: 43 Resp: 26766

Ion Ratio Lower Upper

43 100

58 35.5 43.1 64.7#

57 28.7 15.3 22.9#

100 3.7 7.9 11.9#

