

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025353.D
 Acq On : 17 Jun 2018 8:51
 Operator : SY/MD
 Sample : J3513-13
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KE9

Quant Time: Jun 18 04:10:56 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	569728	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	474607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	146261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	68731	3.54	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	2.63	69	61007	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	3.63	63	254482	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	6.59	46	261362	50.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.50%
24) Chloroform-d	7.20	84	292156	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	7.89	65	119030	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	7.86	84	595485	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	8.90	67	198022	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	9.97	98	465572	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
43) trans-1,3-Dichloropropene-	10.24	79	22503	1.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	37.00%#
46) 2-Hexanone-d5	10.59	63	205279	48.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85047	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	113335	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

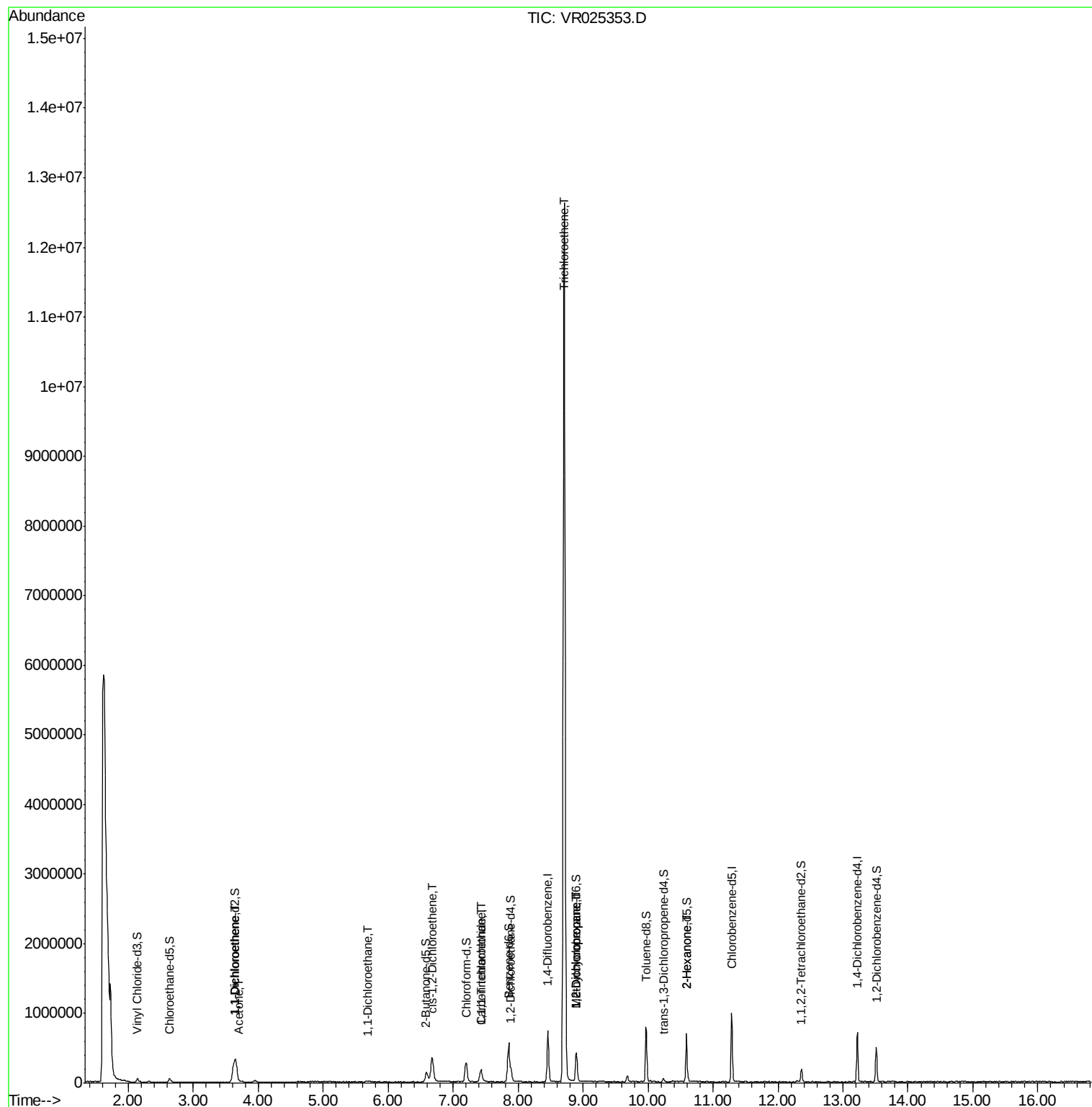
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	189357	9.455	ug/L #	80
13) Acetone	3.70	43	12816	5.455	ug/L	79
19) 1,1-Dichloroethane	5.69	63	18653	0.241	ug/L #	96
22) cis-1,2-Dichloroethene	6.68	96	177785	4.138	ug/L #	90
29) 1,1,1-Trichloroethane	7.43	97	152509	2.705	ug/L	96
31) Carbon tetrachloride	7.42	117	18475	0.373	ug/L	100
34) Trichloroethene	8.71	95	4751516	105.394	ug/L	96
35) Methylcyclohexane	8.90	83	40876	0.575	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	18556	0.448	ug/L #	92
48) 2-Hexanone	10.59	43	26469	3.098	ug/L #	80

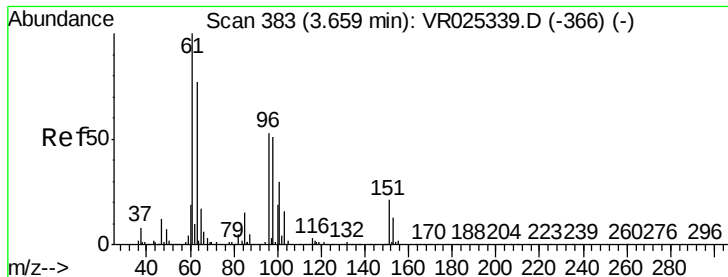
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 9.455 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

Lab File: VR025353.D

Acq: 17 Jun 2018 8:51

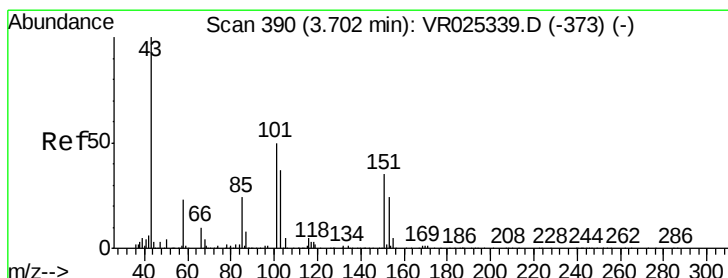
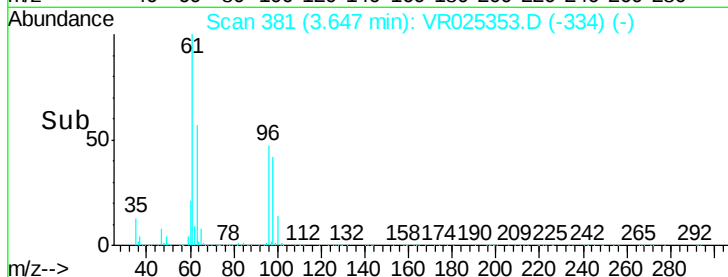
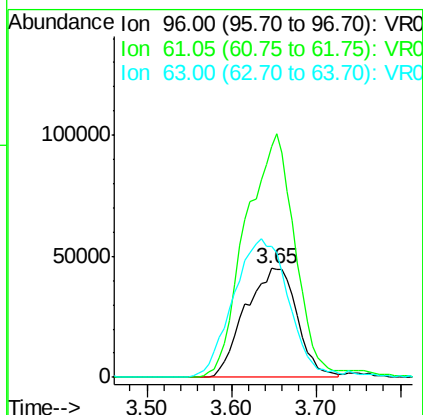
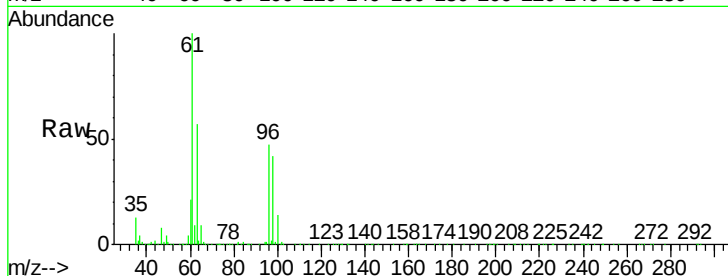
Instrument :

MSVOA_R

ClientSampleId :

C0KE9

Tgt Ion:	96	Resp:	189357
Ion	Ratio	Lower	Upper
96	100		
61	212.6	155.0	287.9
63	120.7	122.3	227.1#



#13

Acetone

Concen: 5.455 ug/L

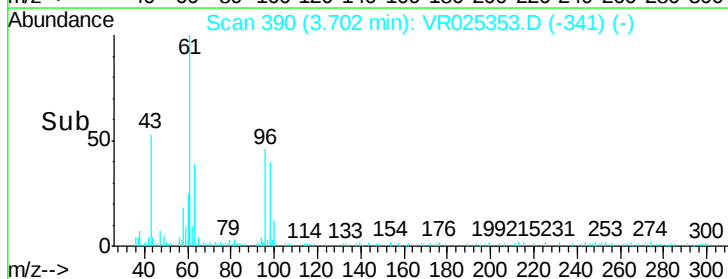
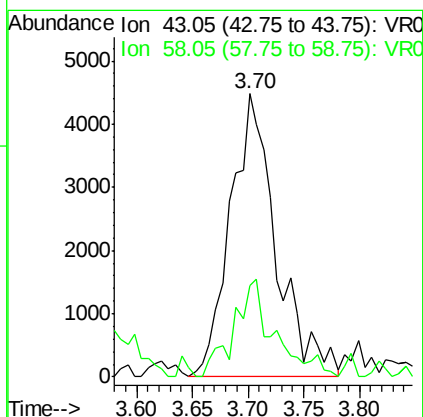
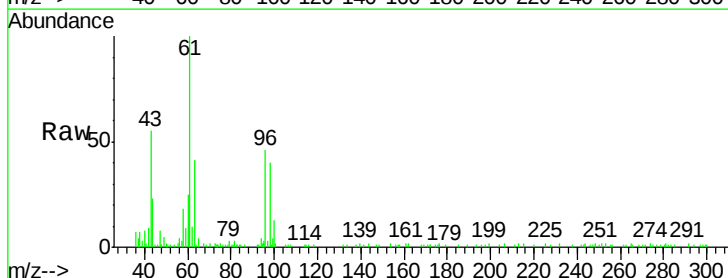
RT: 3.70 min Scan# 390

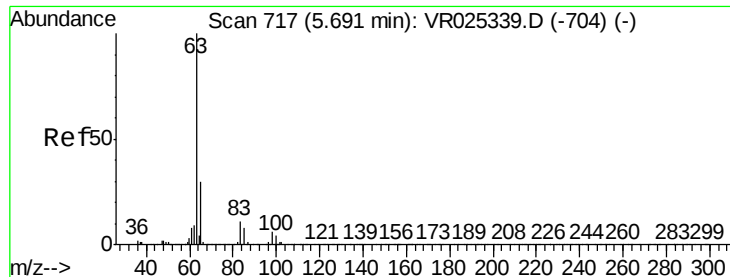
Delta R.T. 0.00 min

Lab File: VR025353.D

Acq: 17 Jun 2018 8:51

Tgt Ion:	43	Resp:	12816
Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	41.6





#19

1,1-Dichloroethane

Concen: 0.241 ug/L

RT: 5.69 min Scan# 717

Delta R.T. 0.00 min

Lab File: VR025353.D

Acq: 17 Jun 2018 8:51

Instrument :

MSVOA_R

ClientSampleId :

C0KE9

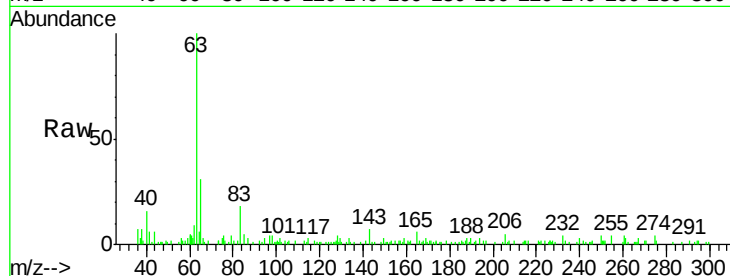
Tgt Ion: 63 Resp: 18653

Ion Ratio Lower Upper

63 100

65 31.4 22.5 41.7

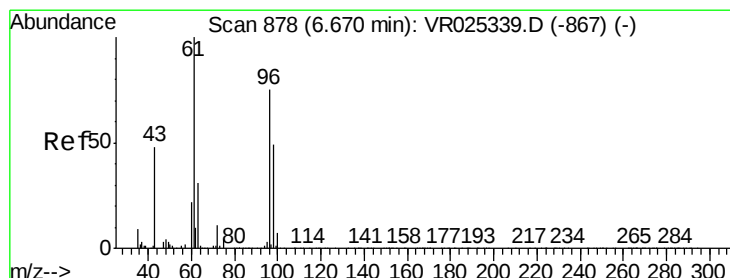
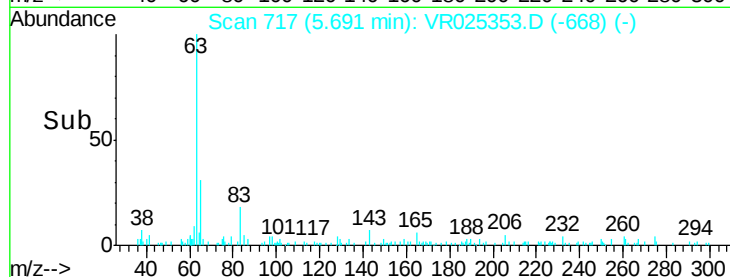
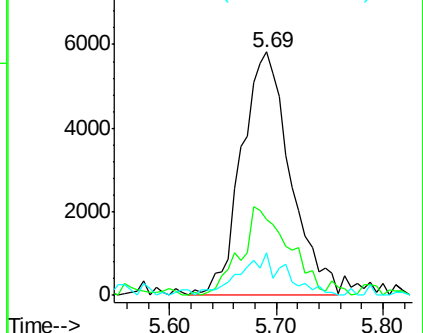
83 17.8 9.5 17.7#



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: 4.138 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.01 min

Lab File: VR025353.D

Acq: 17 Jun 2018 8:51

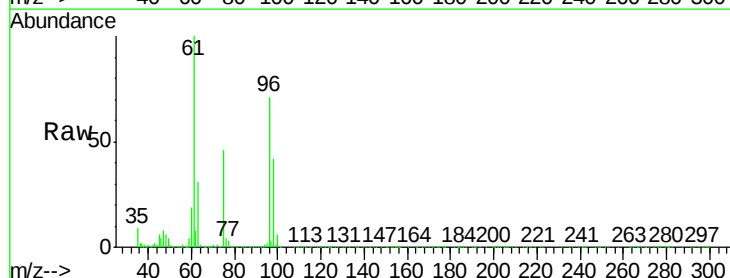
Tgt Ion: 96 Resp: 177785

Ion Ratio Lower Upper

96 100

61 141.2 91.0 169.0

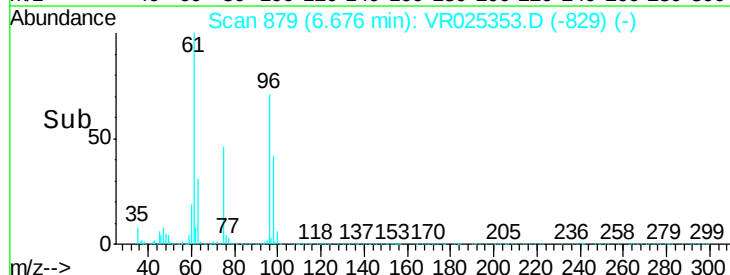
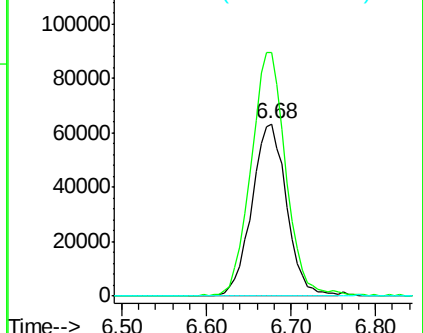
68 0.2 0.0 0.0#

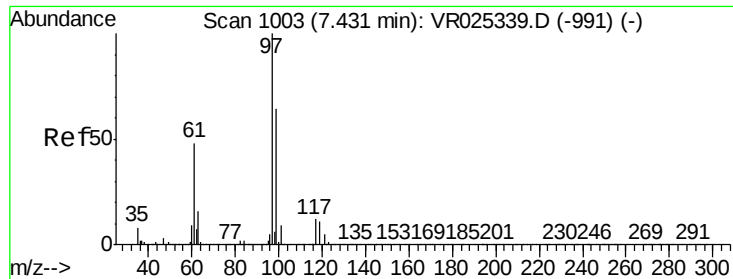


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

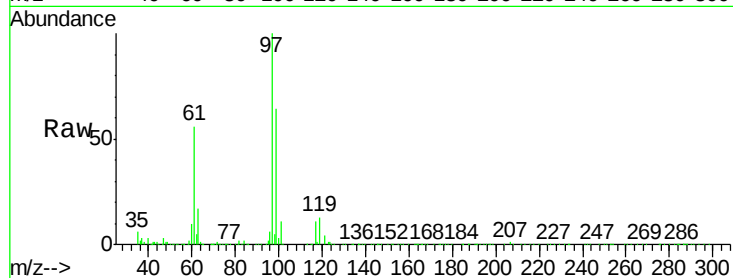




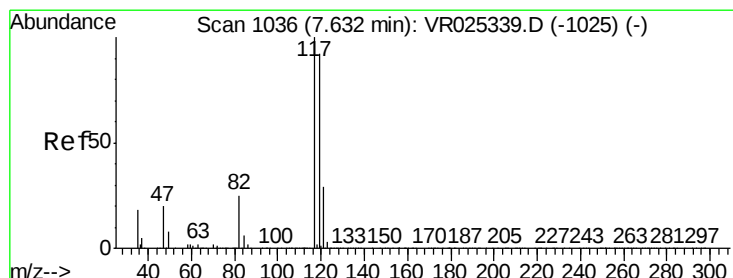
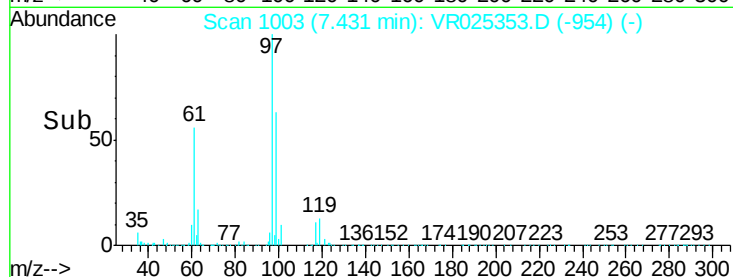
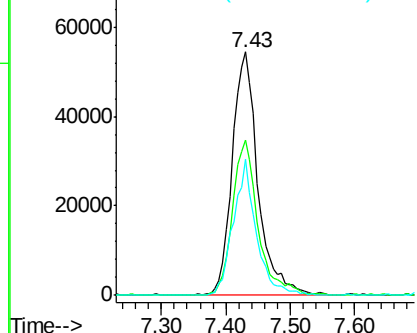
#29
 1,1,1-Trichloroethane
 Concen: 2.705 ug/L
 RT: 7.43 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: VR025353.D
 Acq: 17 Jun 2018 8:51

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Tgt Ion: 97 Resp: 152509
 Ion Ratio Lower Upper
 97 100
 99 63.2 52.1 78.1
 61 49.9 37.0 55.6

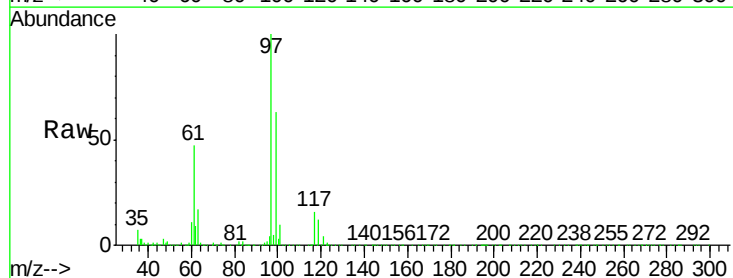


Abundance Ion 96.95 (96.65 to 97.65): VR0
 Ion 99.05 (98.75 to 99.75): VR0
 Ion 61.05 (60.75 to 61.75): VR0

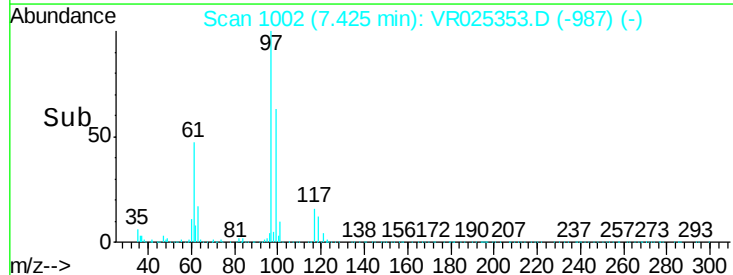
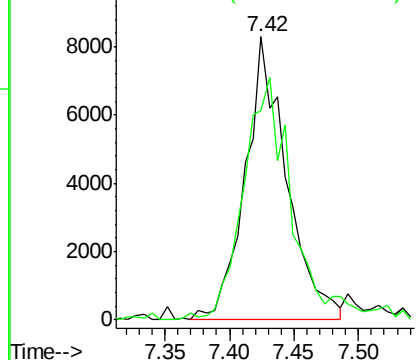


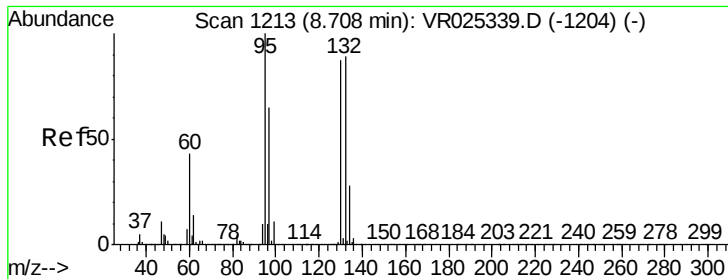
#31
 Carbon tetrachloride
 Concen: 0.373 ug/L
 RT: 7.42 min Scan# 1002
 Delta R.T. -0.21 min
 Lab File: VR025353.D
 Acq: 17 Jun 2018 8:51

Tgt Ion: 117 Resp: 18475
 Ion Ratio Lower Upper
 117 100
 119 94.1 75.5 113.3



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

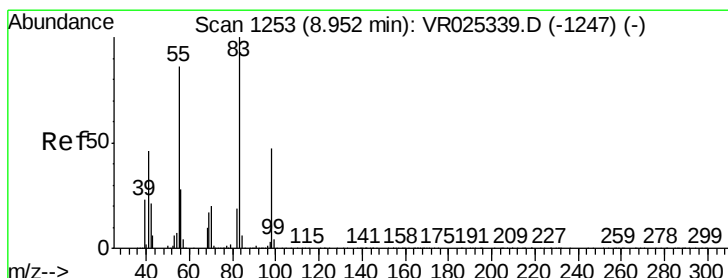
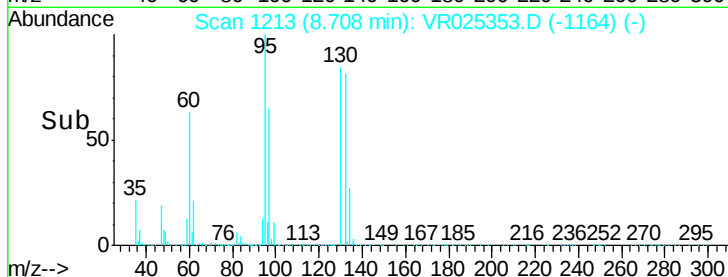
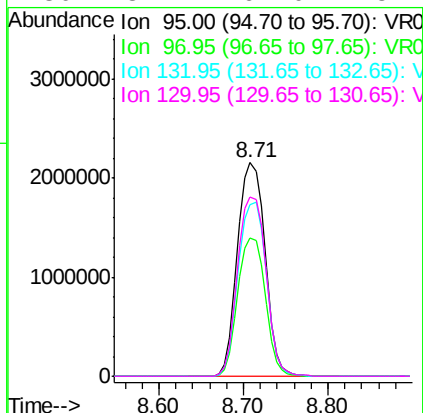
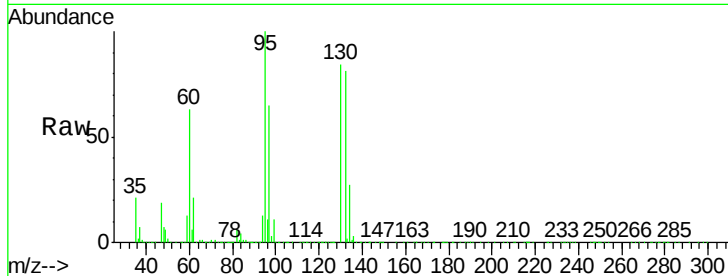




#34
 Trichloroethene
 Concen: 105.394 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: VR025353.D
 Acq: 17 Jun 2018 8:51

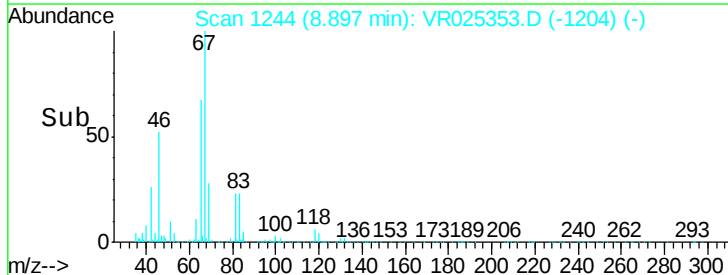
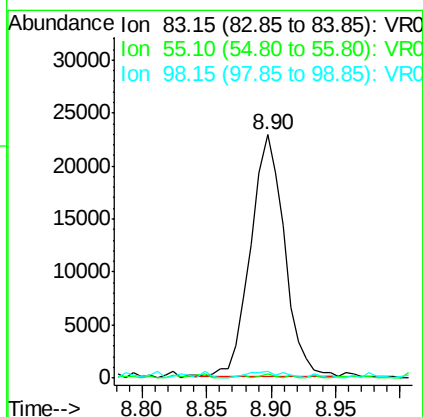
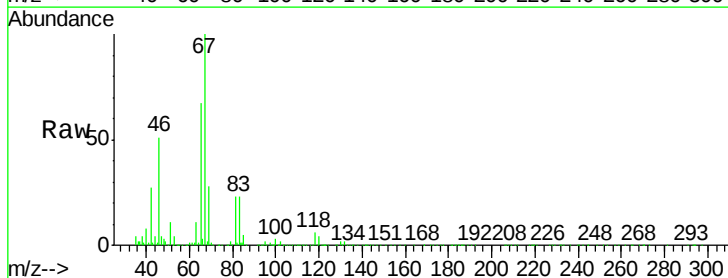
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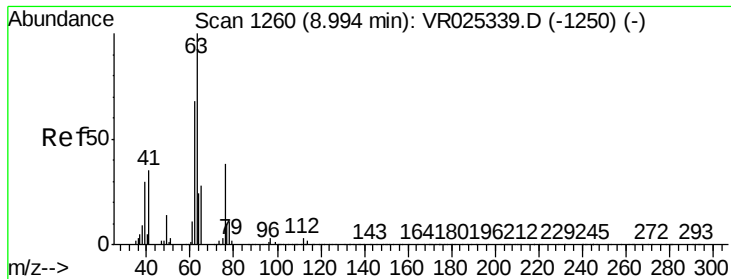
Tgt Ion: 95 Resp: 4751516
 Ion Ratio Lower Upper
 95 100
 97 64.9 45.6 84.6
 132 80.5 60.9 113.1
 130 84.2 62.0 115.2



#35
 Methylcyclohexane
 Concen: 0.575 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.05 min
 Lab File: VR025353.D
 Acq: 17 Jun 2018 8:51

Tgt Ion: 83 Resp: 40876
 Ion Ratio Lower Upper
 83 100
 55 0.7 66.1 99.1#
 98 0.0 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.448 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025353.D

Acq: 17 Jun 2018 8:51

Instrument :

MSVOA_R

ClientSampleId :

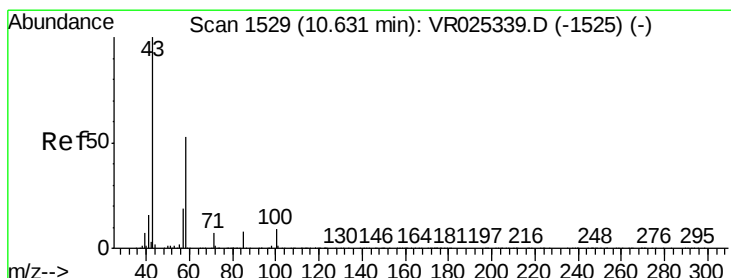
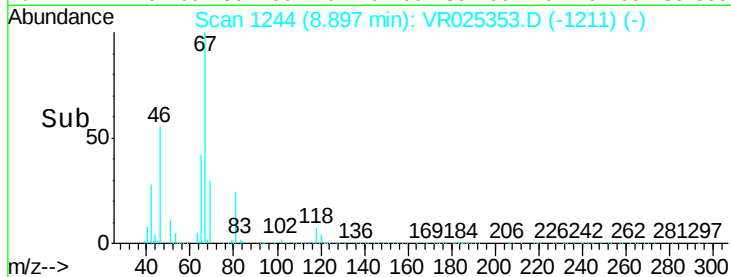
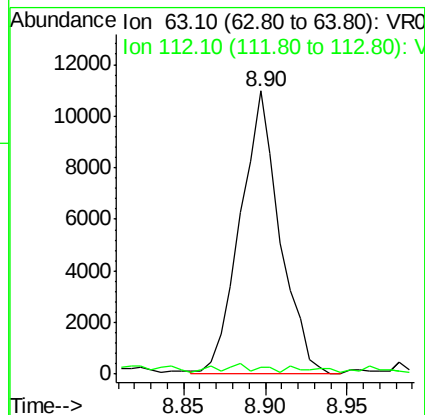
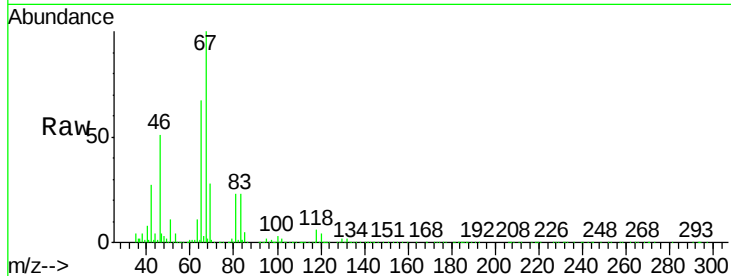
C0KE9

Tgt Ion: 63 Resp: 18556

Ion Ratio Lower Upper

63 100

112 1.0 2.9 4.3#



#48

2-Hexanone

Concen: 3.098 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025353.D

Acq: 17 Jun 2018 8:51

Tgt Ion: 43 Resp: 26469

Ion Ratio Lower Upper

43 100

58 38.2 43.1 64.7#

57 27.3 15.3 22.9#

100 6.1 7.9 11.9#

