

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
 Data File : VR025394.D
 Acq On : 21 Jun 2018 12:26
 Operator : SY/MD
 Sample : J3514-12
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KG9

Quant Time: Jun 22 02:52:57 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	512034	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	440416	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	145766	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	70450	4.04	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	2.64	69	61848	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	3.64	63	201375	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	6.59	46	302284	64.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.32%
24) Chloroform-d	7.20	84	350834	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	7.89	65	144206	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	7.86	84	713557	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	8.90	67	225978	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	9.97	98	611192	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	10.24	79	42419	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	243627	62.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101634	6.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.20%#
64) 1,2-Dichlorobenzene-d4	13.51	152	143365	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

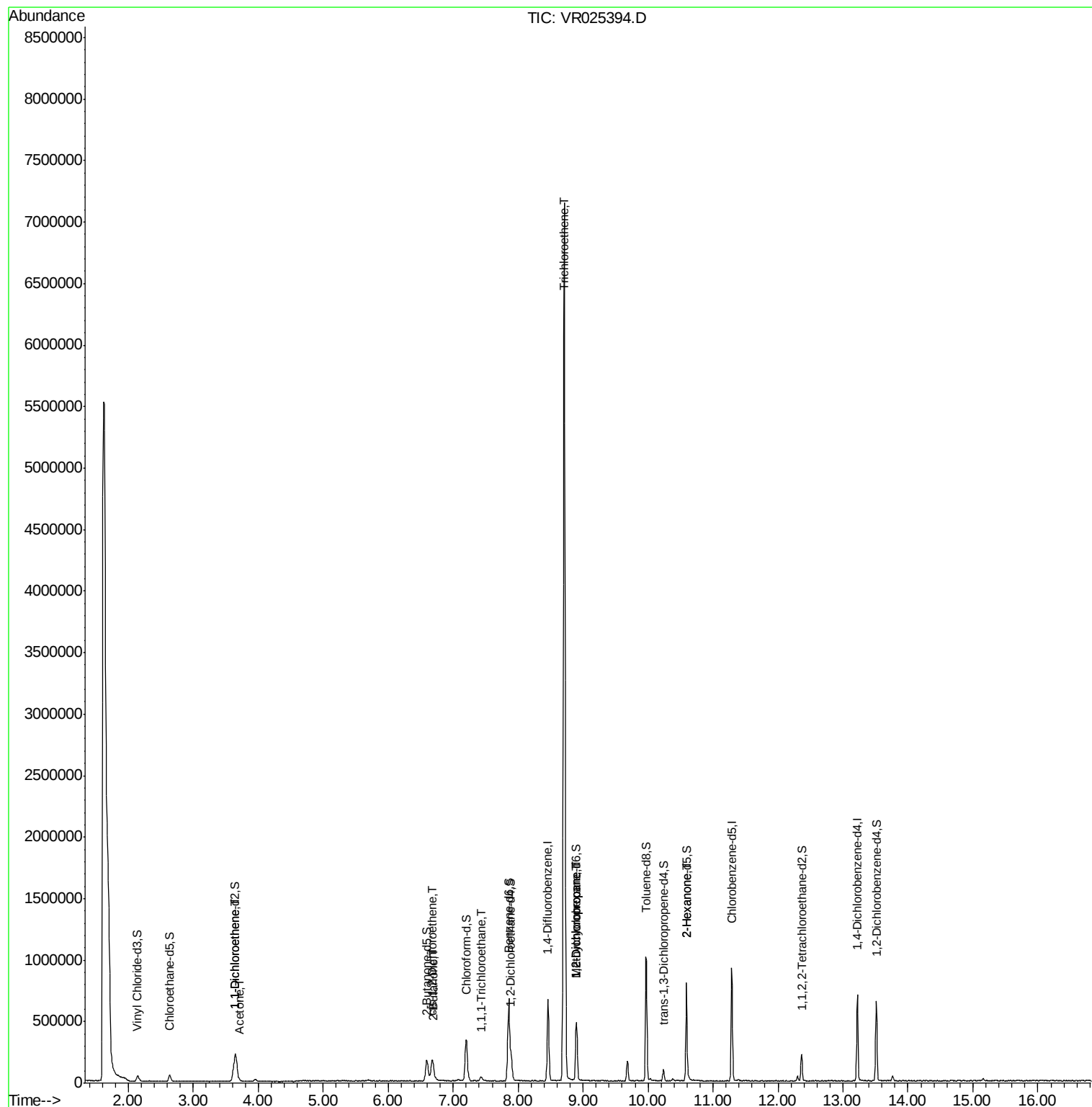
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	82212	4.568	ug/L	95
13) Acetone	3.71	43	11522	5.457	ug/L	97
21) 2-Butanone	6.70	43	9580	1.920	ug/L	79
22) cis-1,2-Dichloroethene	6.68	96	86367	2.237	ug/L #	90
29) 1,1,1-Trichloroethane	7.42	97	27441	0.525	ug/L	97
34) Trichloroethene	8.71	95	2537069	60.644	ug/L	98
35) Methylcyclohexane	8.90	83	50474	0.765	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	22279	0.580	ug/L #	93
48) 2-Hexanone	10.59	43	30307	3.822	ug/L #	69

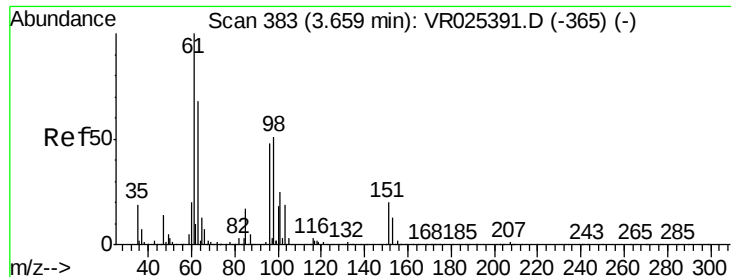
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 02:50:30 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.568 ug/L

RT: 3.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: VR025394.D

Acq: 21 Jun 2018 12:26

Instrument :

MSVOA_R

ClientSampleId :

C0KG9

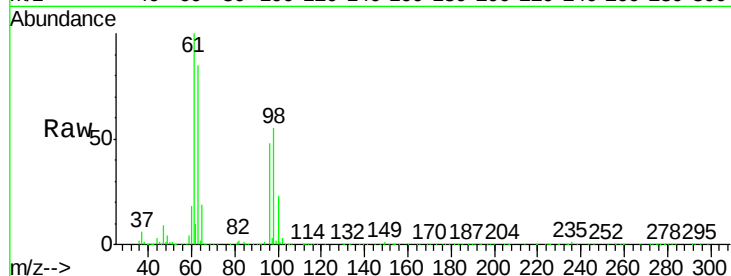
Tgt Ion: 96 Resp: 82212

Ion Ratio Lower Upper

96 100

61 206.3 155.0 287.9

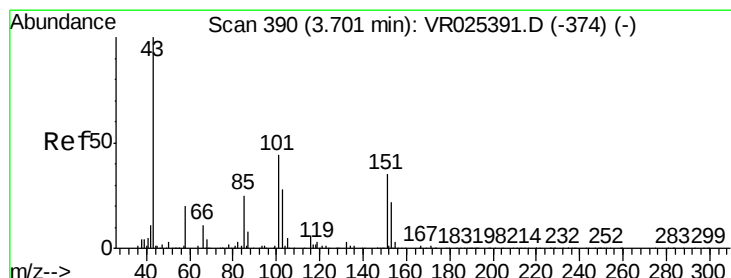
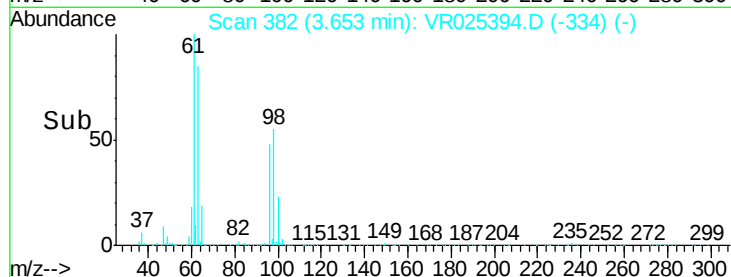
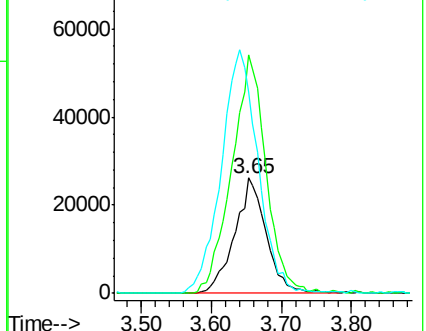
63 174.9 122.3 227.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 5.457 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025394.D

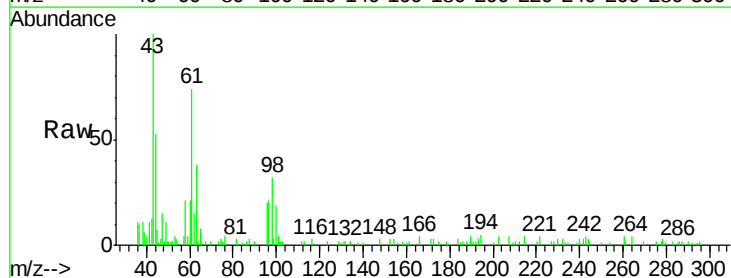
Acq: 21 Jun 2018 12:26

Tgt Ion: 43 Resp: 11522

Ion Ratio Lower Upper

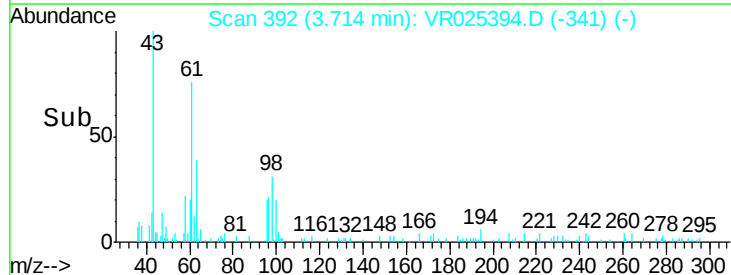
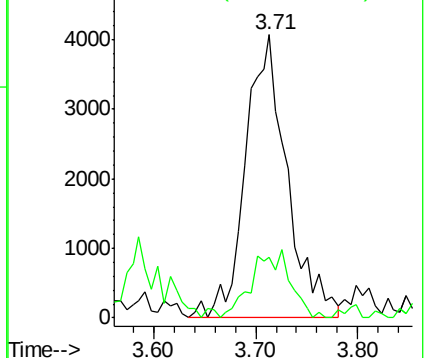
43 100

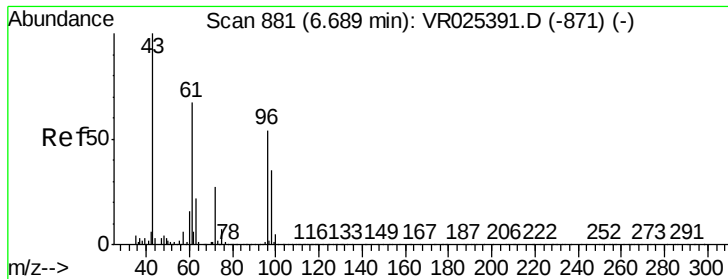
58 22.1 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#21

2-Butanone

Concen: 1.920 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025394.D

Acq: 21 Jun 2018 12:26

Instrument :

MSVOA_R

ClientSampleId :

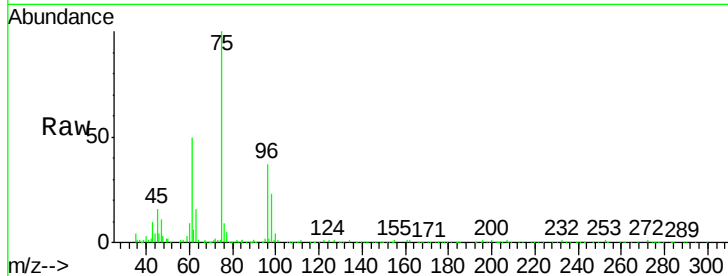
C0KG9

Tgt Ion: 43 Resp: 9580

Ion Ratio Lower Upper

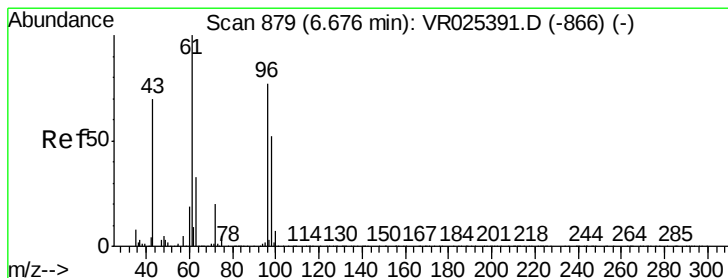
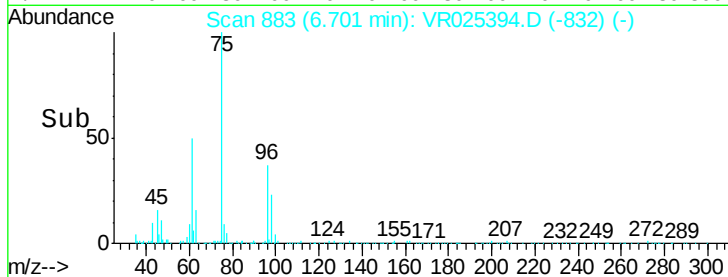
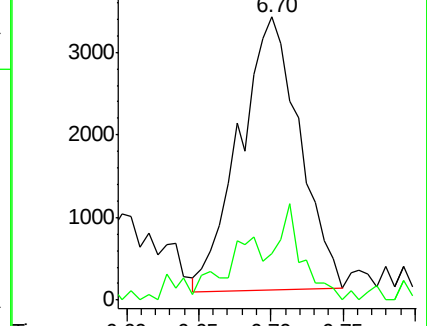
43 100

72 15.1 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#22

cis-1,2-Dichloroethene

Concen: 2.237 ug/L

RT: 6.68 min Scan# 879

Delta R.T. -0.00 min

Lab File: VR025394.D

Acq: 21 Jun 2018 12:26

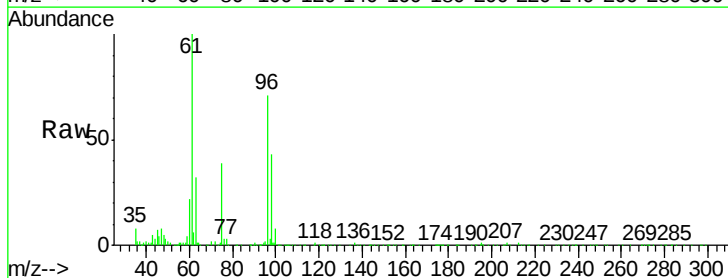
Tgt Ion: 96 Resp: 86367

Ion Ratio Lower Upper

96 100

61 141.2 91.0 169.0

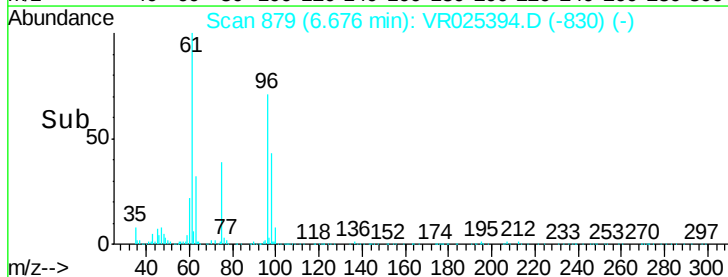
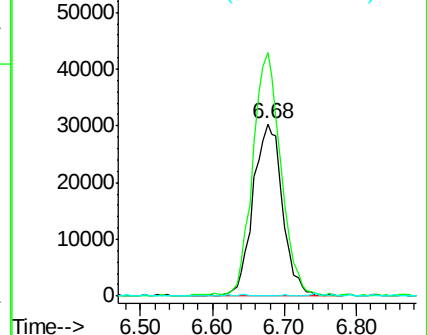
68 0.5 0.0 0.0#

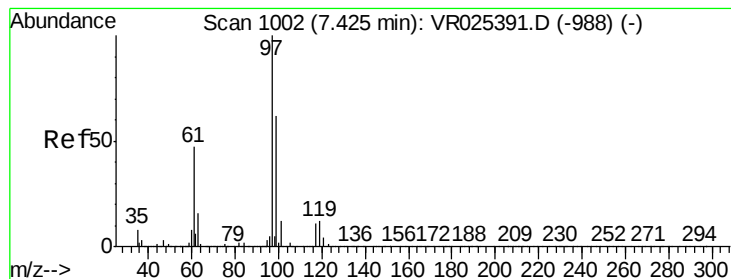


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#29

1,1,1-Trichloroethane

Concen: 0.525 ug/L

RT: 7.42 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VR025394.D

Acq: 21 Jun 2018 12:26

Instrument :

MSVOA_R

ClientSampled :

C0KG9

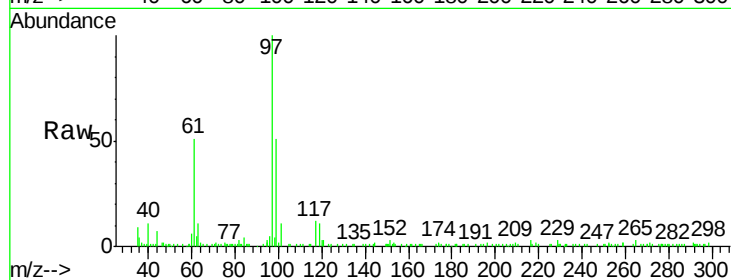
Tgt Ion: 97 Resp: 27441

Ion Ratio Lower Upper

97 100

99 61.9 52.1 78.1

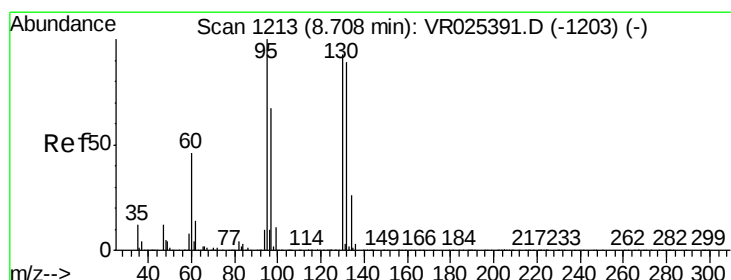
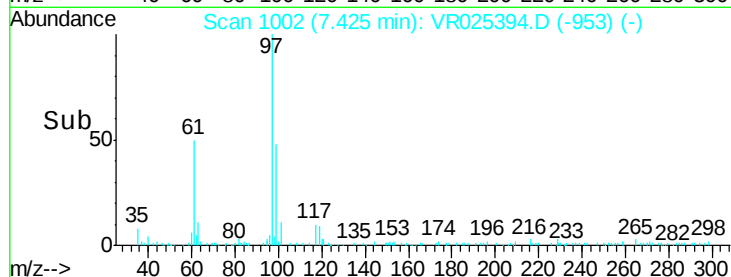
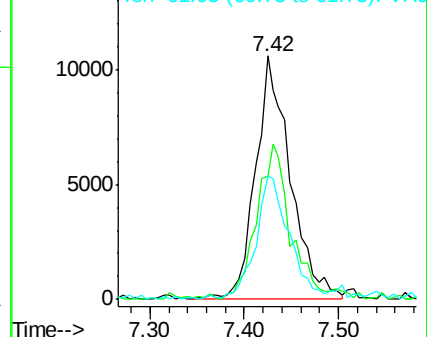
61 47.4 37.0 55.6



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



#34

Trichloroethene

Concen: 60.644 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025394.D

Acq: 21 Jun 2018 12:26

Tgt Ion: 95 Resp: 2537069

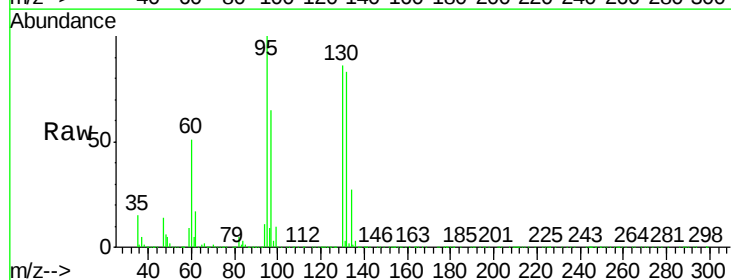
Ion Ratio Lower Upper

95 100

97 65.3 45.6 84.6

132 83.5 60.9 113.1

130 86.0 62.0 115.2

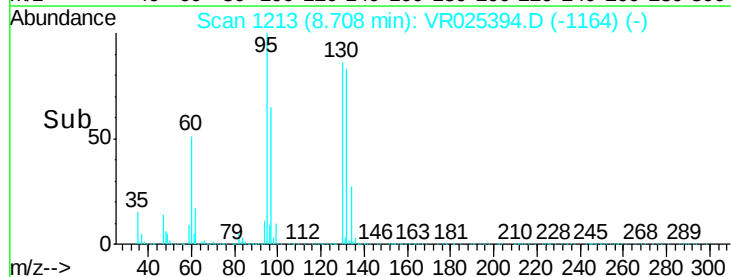
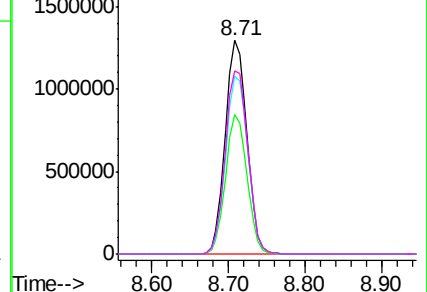


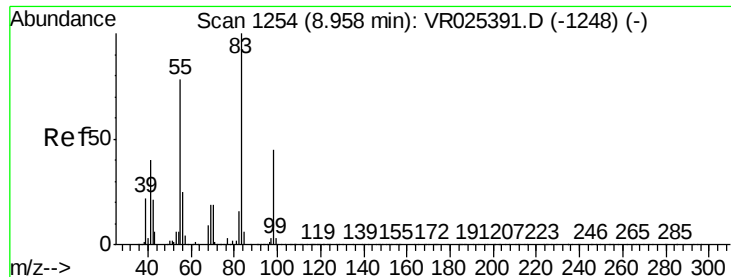
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.765 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025394.D

Acq: 21 Jun 2018 12:26

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ClientSampleId :

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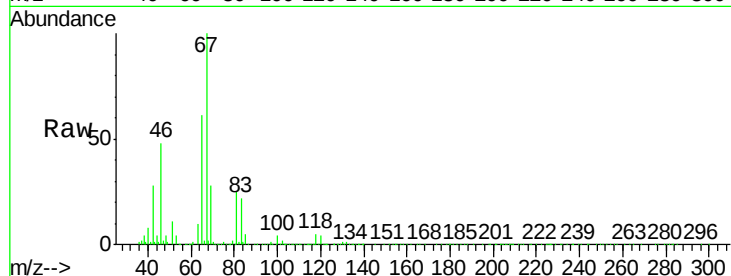
Tgt Ion: 83 Resp: 50474

Ion Ratio Lower Upper

83 100

55 1.2 66.1 99.1#

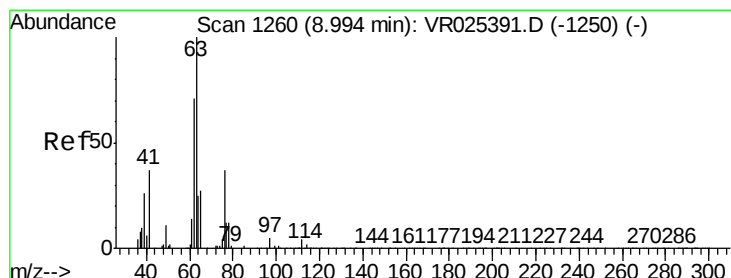
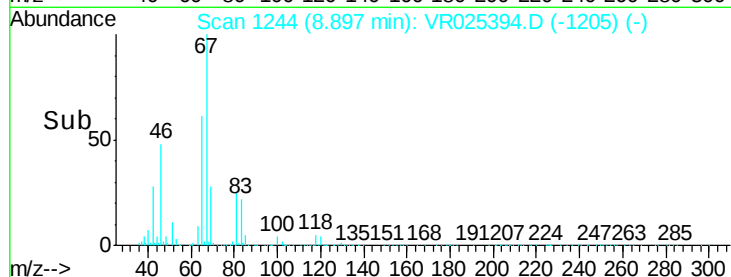
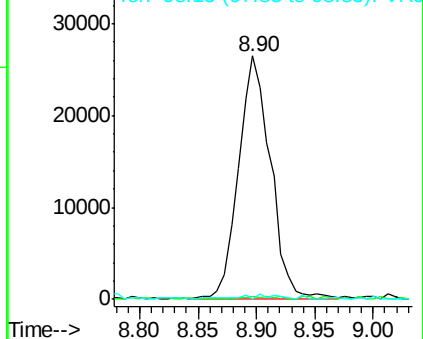
98 0.0 36.2 54.4#



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: 0.580 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025394.D

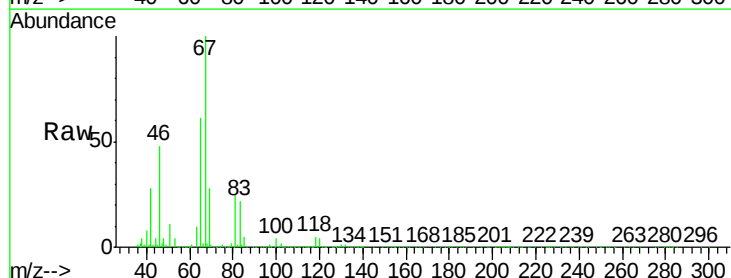
Acq: 21 Jun 2018 12:26

Tgt Ion: 63 Resp: 22279

Ion Ratio Lower Upper

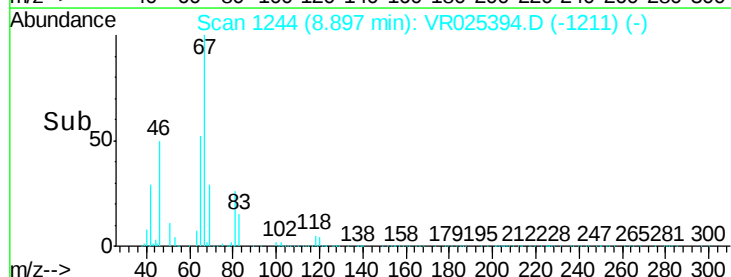
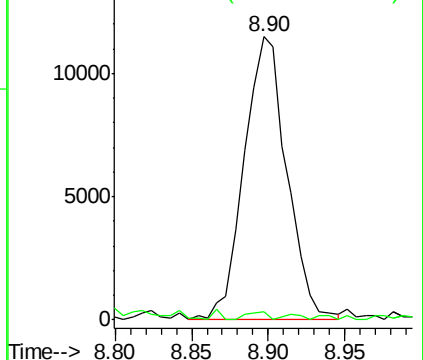
63 100

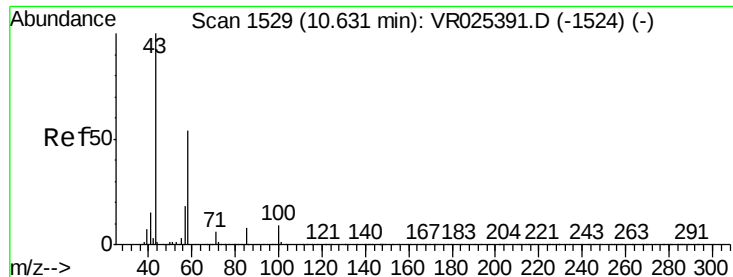
112 1.4 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.822 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025394.D
 Acq: 21 Jun 2018 12:26

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KG9

Tgt Ion:	43	Resp:	30307
Ion	Ratio	Lower	Upper
43	100		
58	28.9	43.1	64.7#
57	31.1	15.3	22.9#
100	3.5	7.9	11.9#

