

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
 Data File : VR025396.D
 Acq On : 21 Jun 2018 13:33
 Operator : SY/MD
 Sample : J3514-19
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH6

Quant Time: Jun 22 02:53:13 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	552621	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	482488	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	158132	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	67023	3.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.20%
7) Chloroethane-d5	2.64	69	55200	3.99	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	3.65	63	200343	4.14	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	6.60	46	297468	58.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.92%
24) Chloroform-d	7.20	84	352595	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	7.89	65	143768	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	7.86	84	718120	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	8.90	67	234195	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	9.97	98	592457	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	10.24	79	46322	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	10.59	63	252151	58.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	104974	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	143585	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

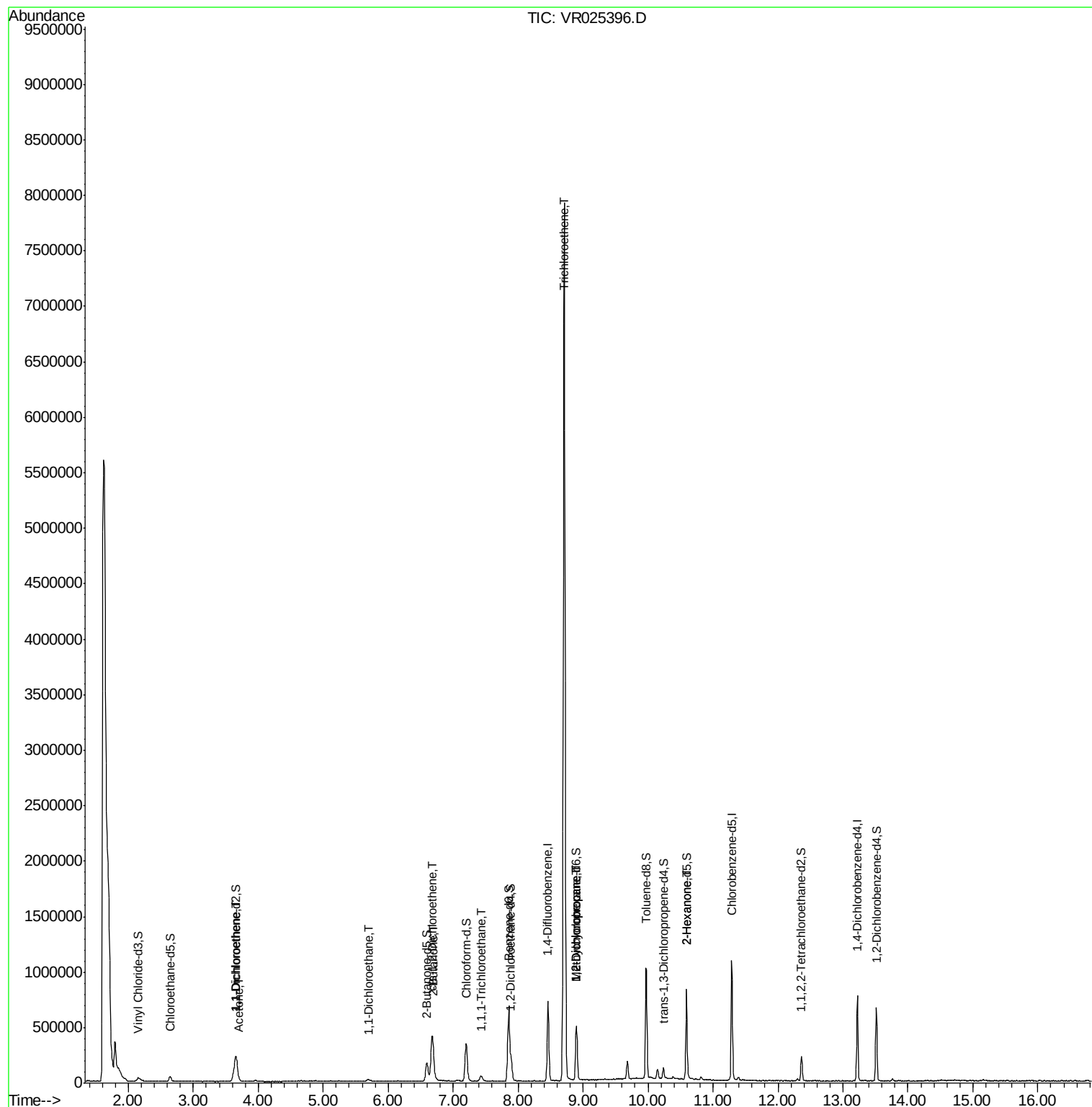
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.66	96	84887	4.370	ug/L	93
13) Acetone	3.71	43	7674	3.368	ug/L	98
19) 1,1-Dichloroethane	5.70	63	20583	0.274	ug/L #	81
21) 2-Butanone	6.69	43	50008	9.285	ug/L	92
22) cis-1,2-Dichloroethene	6.68	96	226202	5.428	ug/L	95
29) 1,1,1-Trichloroethane	7.43	97	40904	0.714	ug/L	96
34) Trichloroethene	8.71	95	2801006	61.115	ug/L	99
35) Methylcyclohexane	8.90	83	49061	0.678	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	23493	0.558	ug/L #	91
48) 2-Hexanone	10.59	43	32714	3.766	ug/L #	67

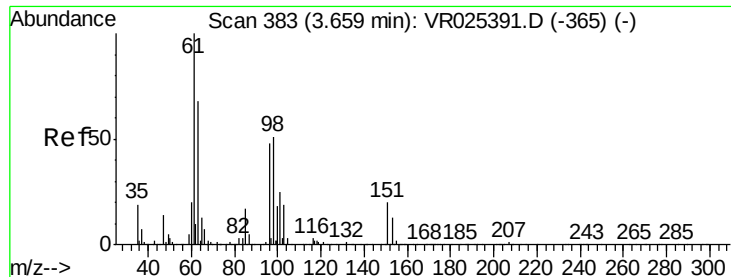
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.370 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025396.D

Acq: 21 Jun 2018 13:33

Instrument :

MSVOA_R

ClientSampleId :

C0KH6

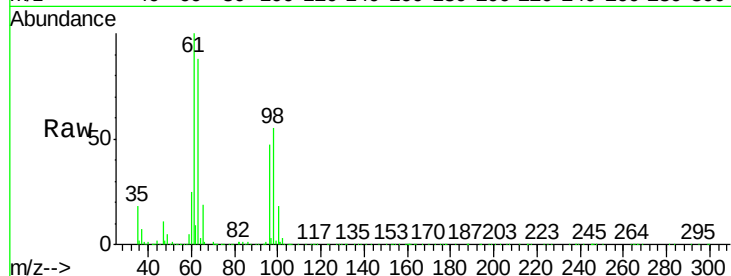
Tgt Ion: 96 Resp: 84887

Ion Ratio Lower Upper

96 100

61 213.2 155.0 287.9

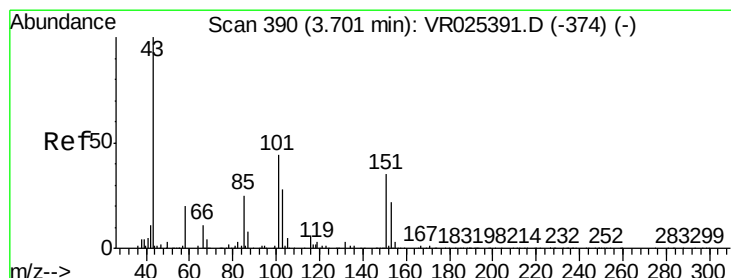
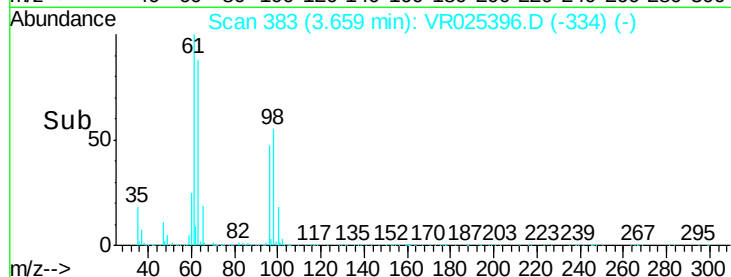
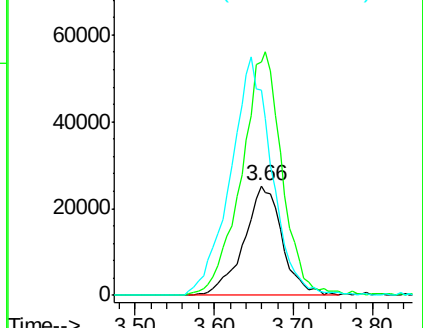
63 187.5 122.3 227.1



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: 3.368 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025396.D

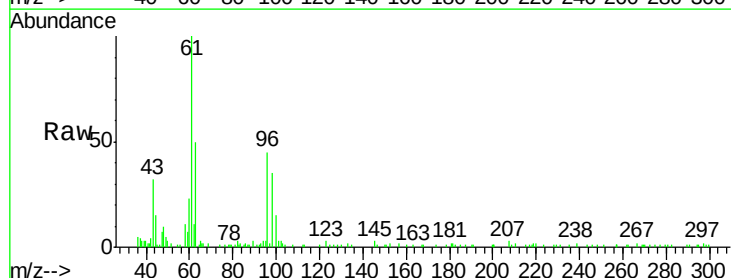
Acq: 21 Jun 2018 13:33

Tgt Ion: 43 Resp: 7674

Ion Ratio Lower Upper

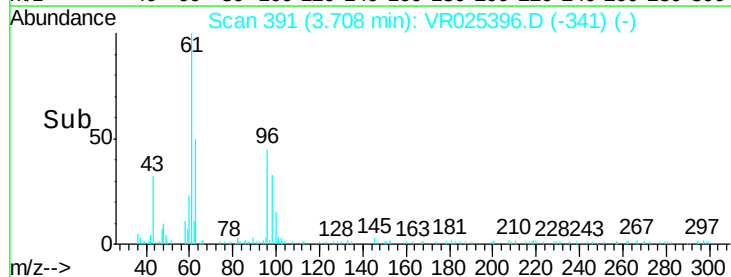
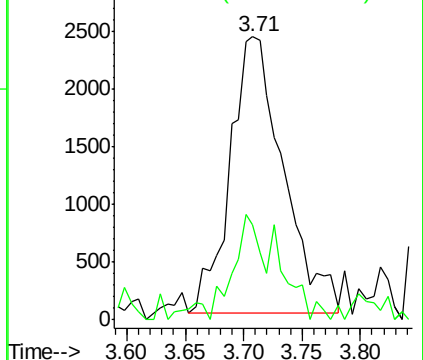
43 100

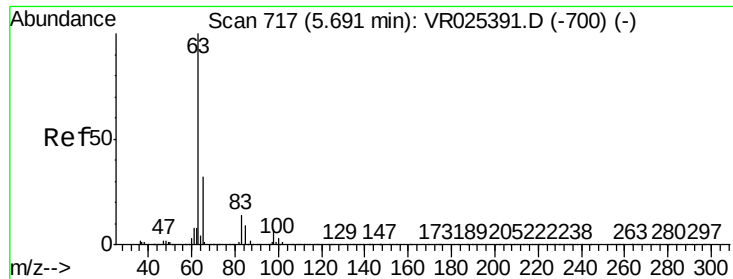
58 19.7 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

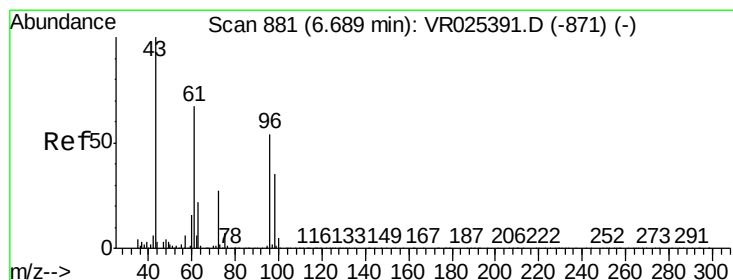
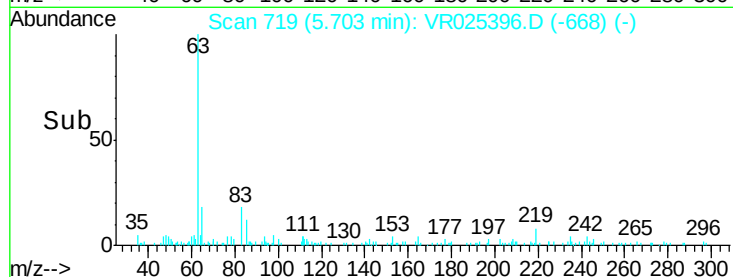
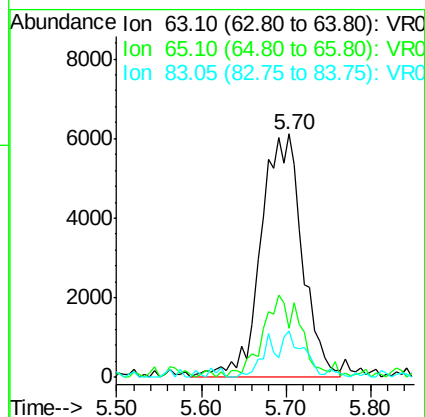
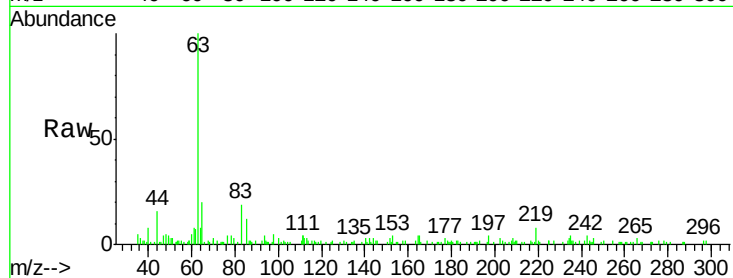




#19
 1,1-Dichloroethane
 Concen: 0.274 ug/L
 RT: 5.70 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VR025396.D
 Acq: 21 Jun 2018 13:33

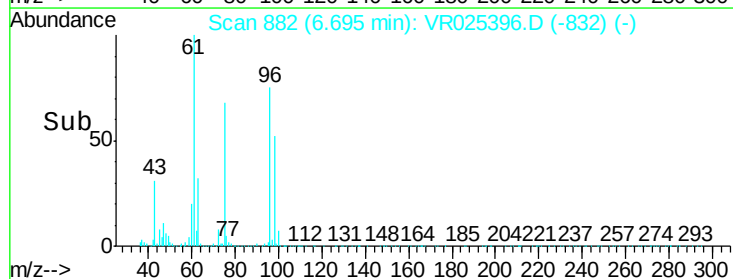
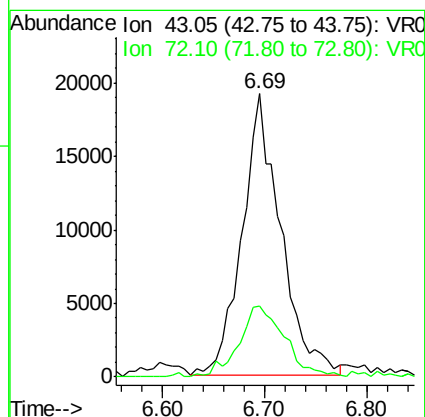
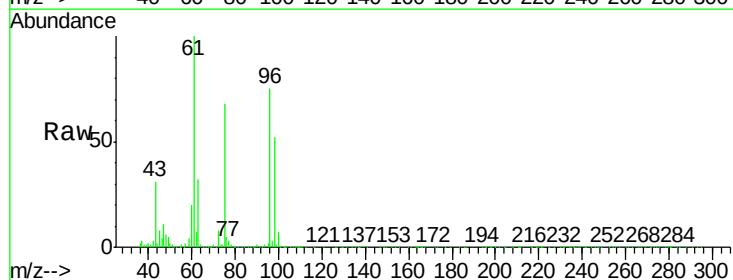
Instrument :
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 ClientSampleId :
 C0KH6

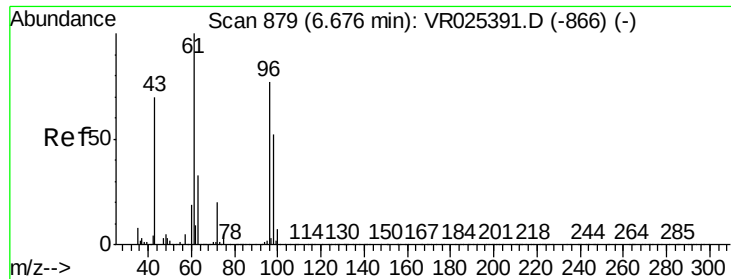
Tgt Ion: 63 Resp: 20583
 Ion Ratio Lower Upper
 63 100
 65 20.1 22.5 41.7#
 83 19.3 9.5 17.7#



#21
 2-Butanone
 Concen: 9.285 ug/L
 RT: 6.69 min Scan# 882
 Delta R.T. 0.01 min
 Lab File: VR025396.D
 Acq: 21 Jun 2018 13:33

Tgt Ion: 43 Resp: 50008
 Ion Ratio Lower Upper
 43 100
 72 30.0 13.0 38.9





#22

cis-1,2-Dichloroethene

Concen: 5.428 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.01 min

Lab File: VR025396.D

Acq: 21 Jun 2018 13:33

Instrument :

MSVOA_R

ClientSampleId :

C0KH6

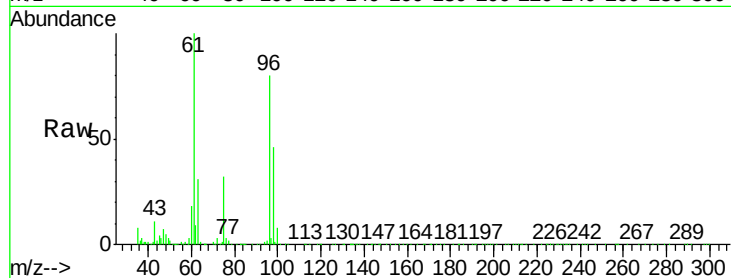
Tgt Ion: 96 Resp: 226202

Ion Ratio Lower Upper

96 100

61 124.3 91.0 169.0

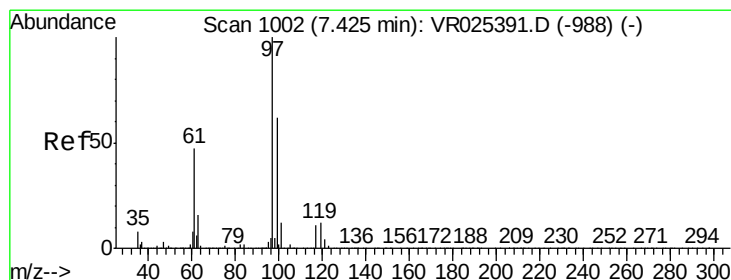
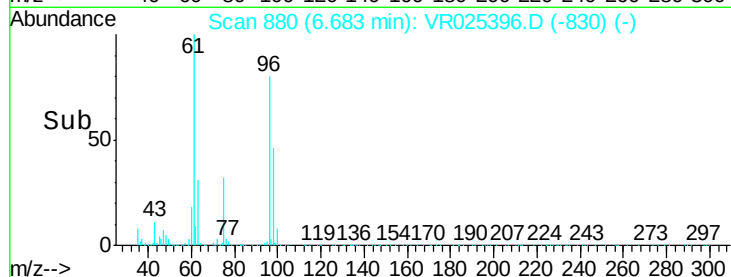
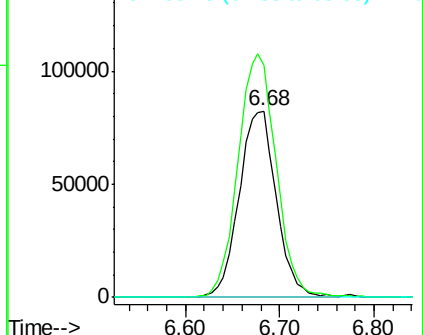
68 0.0 0.0 0.0



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: 0.714 ug/L

RT: 7.43 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VR025396.D

Acq: 21 Jun 2018 13:33

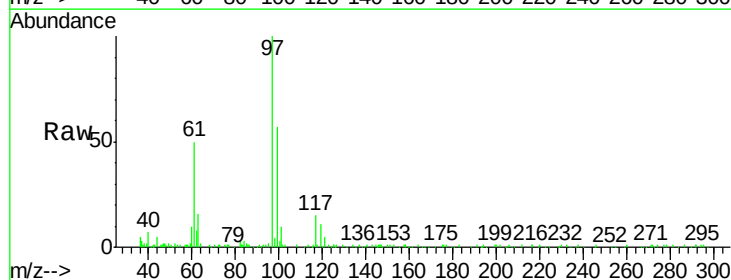
Tgt Ion: 97 Resp: 40904

Ion Ratio Lower Upper

97 100

99 62.2 52.1 78.1

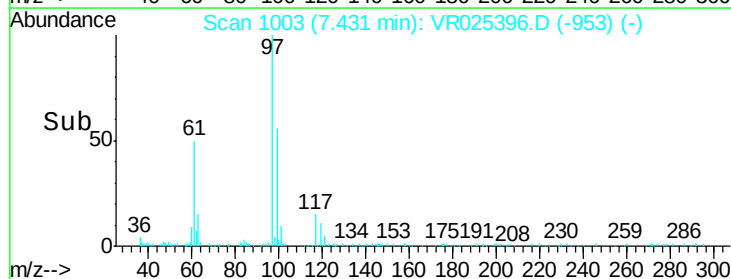
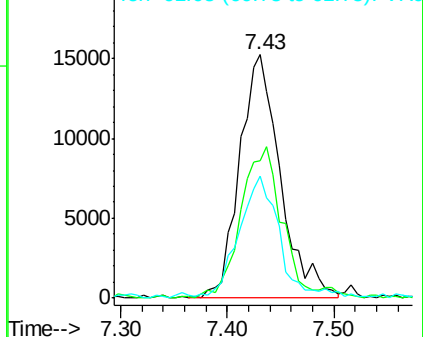
61 49.4 37.0 55.6

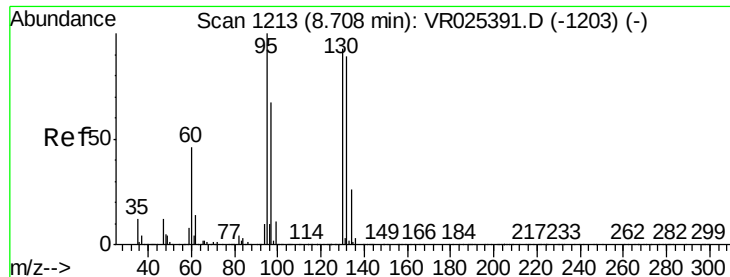


Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0





#34

Trichloroethene

Concen: 61.115 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025396.D

Acq: 21 Jun 2018 13:33

Instrument :

MSVOA_R

ClientSampleId :

C0KH6

Tgt Ion: 95 Resp: 2801006

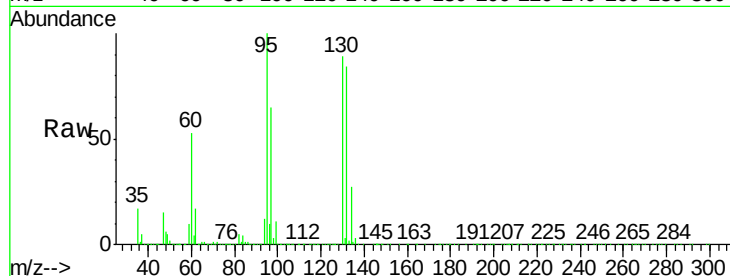
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.6

132 84.4 60.9 113.1

130 88.7 62.0 115.2

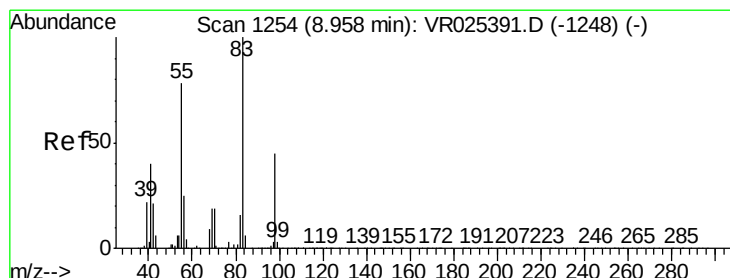
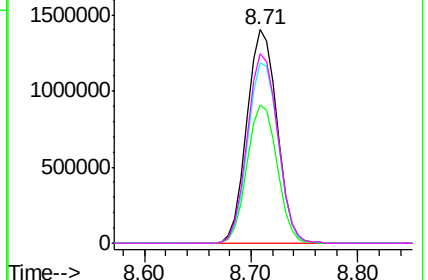
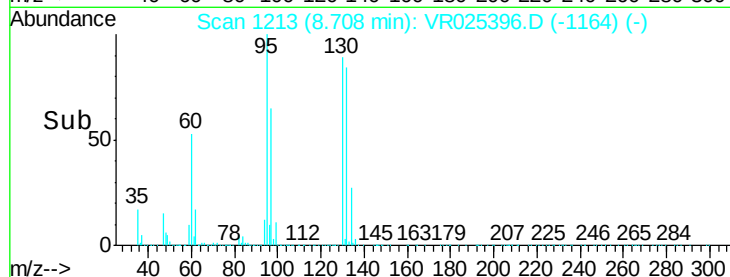


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.678 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025396.D

Acq: 21 Jun 2018 13:33

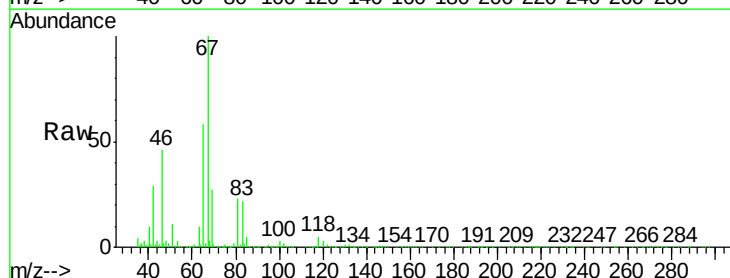
Tgt Ion: 83 Resp: 49061

Ion Ratio Lower Upper

83 100

55 1.0 66.1 99.1#

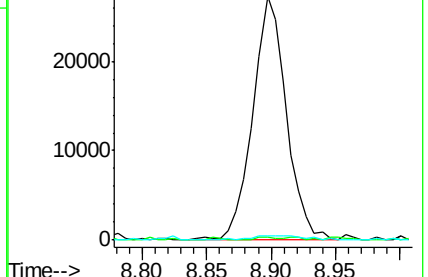
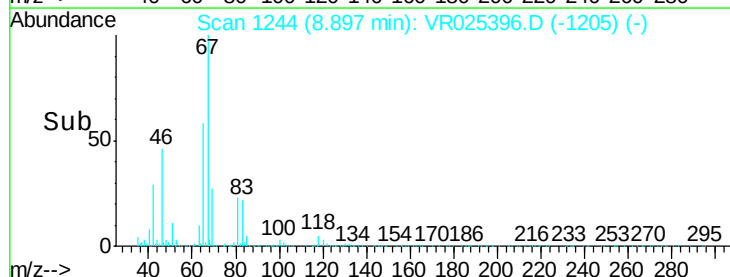
98 0.0 36.2 54.4#

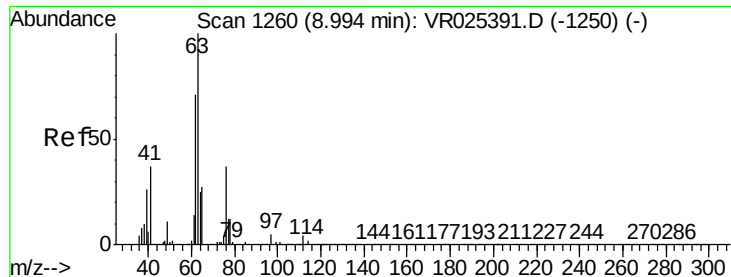


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

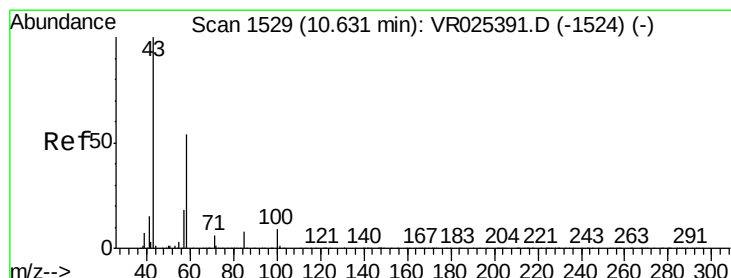
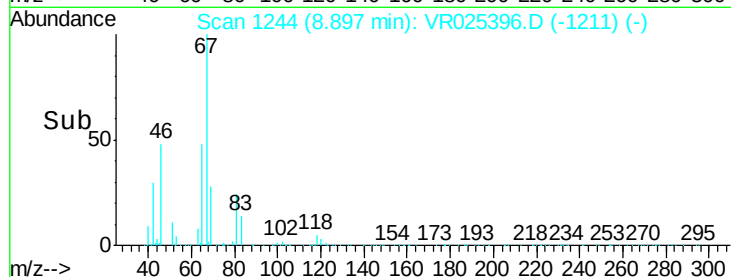
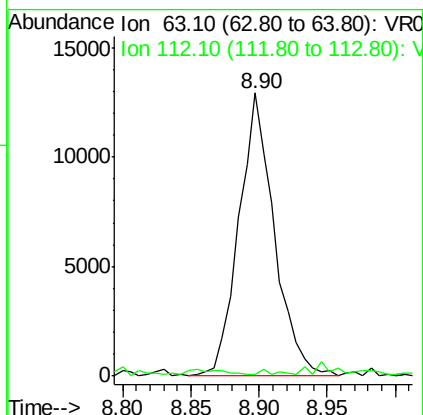
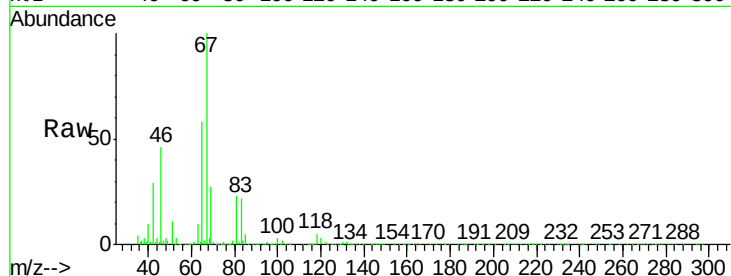




#37
 1,2-Dichloropropane
 Concen: 0.558 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025396.D
 Acq: 21 Jun 2018 13:33

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Tgt Ion: 63 Resp: 23493
 Ion Ratio Lower Upper
 63 100
 112 0.6 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.766 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025396.D
 Acq: 21 Jun 2018 13:33

Tgt Ion: 43 Resp: 32714
 Ion Ratio Lower Upper
 43 100
 58 26.2 43.1 64.7#
 57 31.9 15.3 22.9#
 100 4.5 7.9 11.9#

