

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071218\
 Data File : VR025458.D
 Acq On : 12 Jul 2018 18:39
 Operator : SY/MD
 Sample : J3960-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG2

Quant Time: Jul 13 00:38:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 00:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	714734	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	575806	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	195338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	108444	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	2.62	69	91737	5.46	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	3.62	63	243085	4.07	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	6.59	46	315762	51.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.18%
24) Chloroform-d	7.20	84	469732	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	7.89	65	180428	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	7.86	84	1020863	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	8.90	67	282775	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	9.97	98	871100	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	10.24	79	69139	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	10.59	63	266585	55.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	117146	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	191011	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

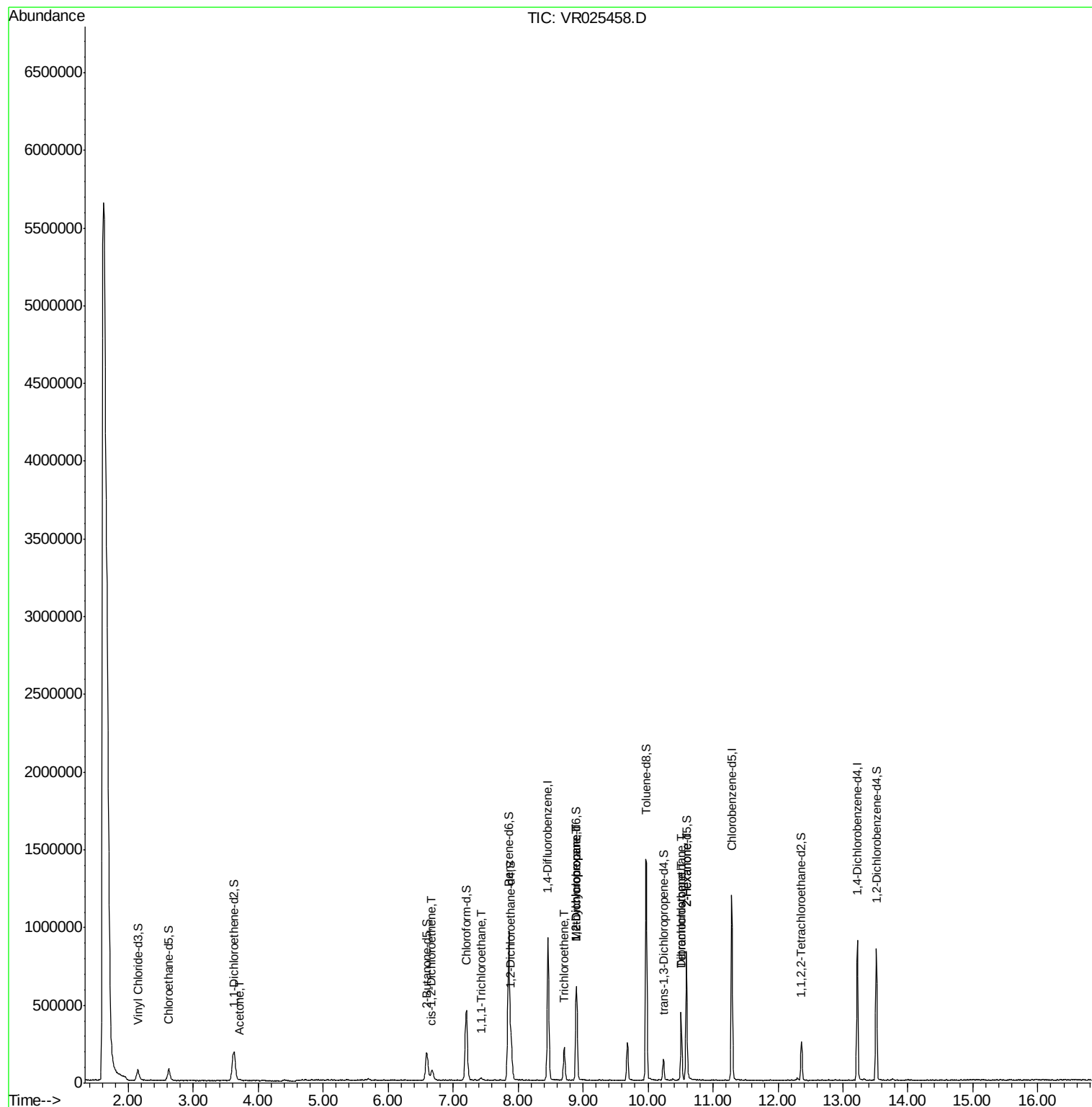
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	3.71	43	3164	1.147	ug/L	64
22) cis-1,2-Dichloroethene	6.68	96	38142	0.782	ug/L #	78
29) 1,1,1-Trichloroethane	7.43	97	12172	0.208	ug/L	96
34) Trichloroethene	8.71	95	79101	1.566	ug/L	98
35) Methylcyclohexane	8.90	83	67933	1.006	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	29429	0.638	ug/L #	93
47) Tetrachloroethene	10.51	164	85480	2.591	ug/L	95
48) 2-Hexanone	10.59	43	33034	3.592	ug/L #	66
49) Dibromochloromethane	10.51	129	79345	3.367	ug/L #	10

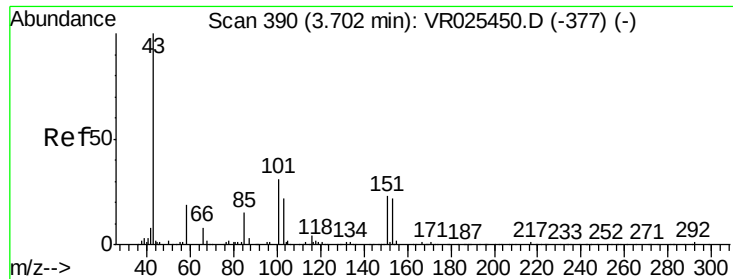
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 13 00:37:37 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.147 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025458.D

Acq: 12 Jul 2018 18:39

Instrument :

MSVOA_R

ClientSampled :

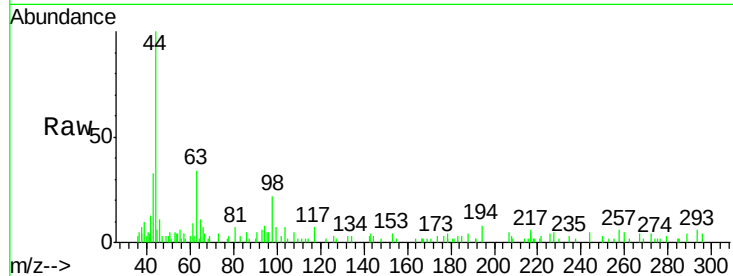
C0AG2

Tgt Ion: 43 Resp: 3164

Ion Ratio Lower Upper

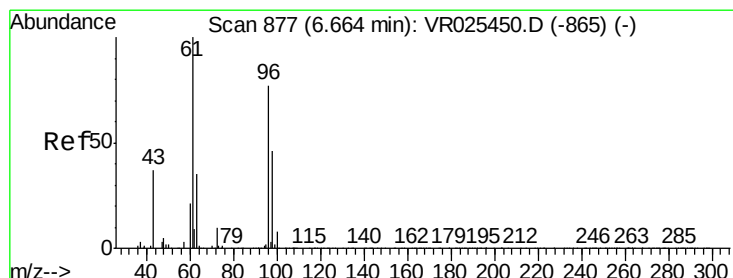
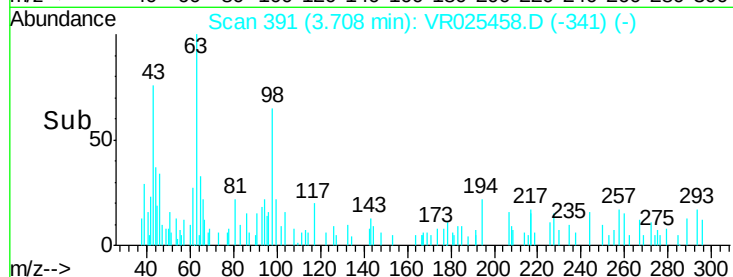
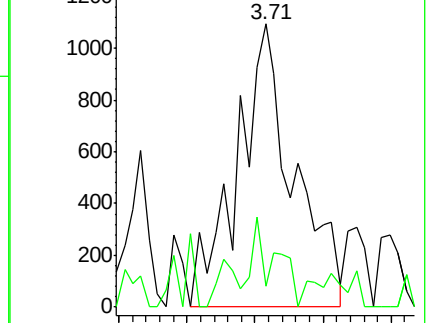
43 100

58 3.9 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.782 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.01 min

Lab File: VR025458.D

Acq: 12 Jul 2018 18:39

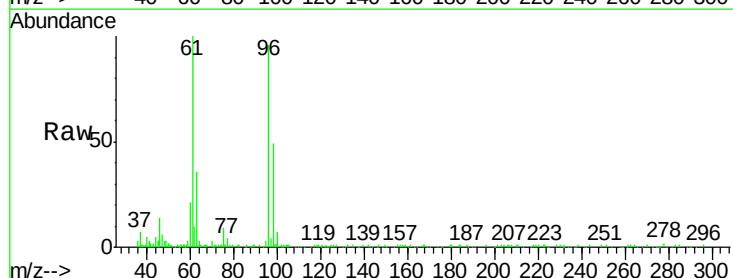
Tgt Ion: 96 Resp: 38142

Ion Ratio Lower Upper

96 100

61 104.5 91.0 169.0

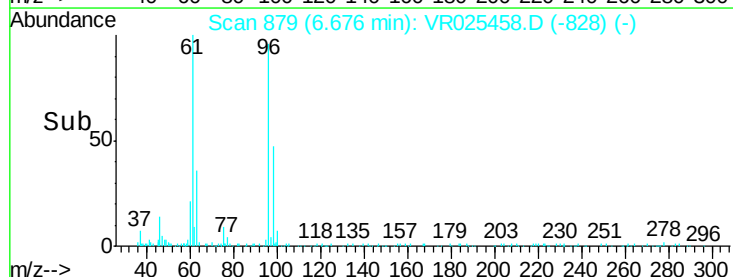
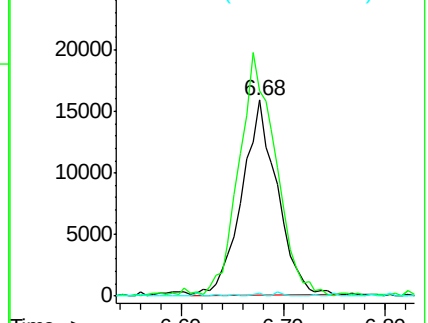
68 1.4 0.0 0.0#

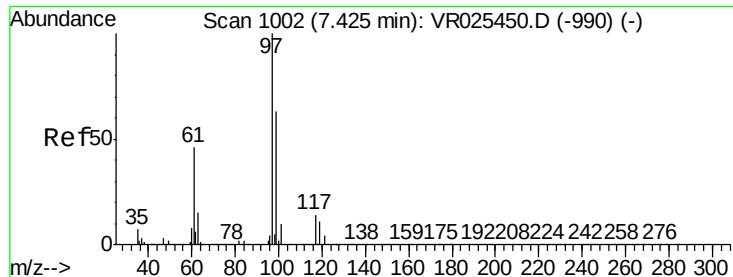


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#29

1,1,1-Trichloroethane

Concen: 0.208 ug/L

RT: 7.43 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VR025458.D

Acq: 12 Jul 2018 18:39

Instrument :

MSVOA_R

ClientSampleId :

C0AG2

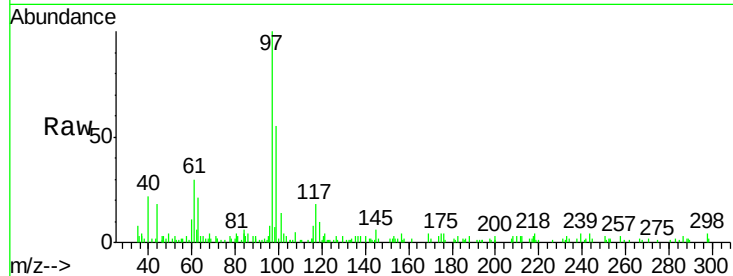
Tgt Ion: 97 Resp: 12172

Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

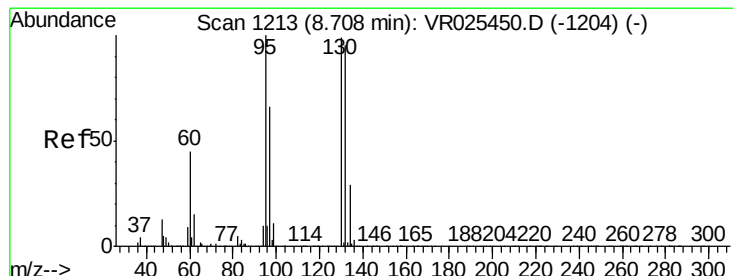
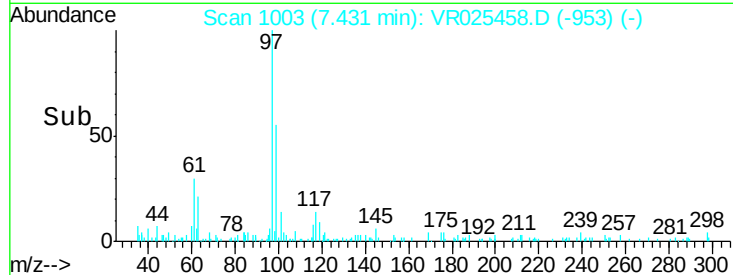
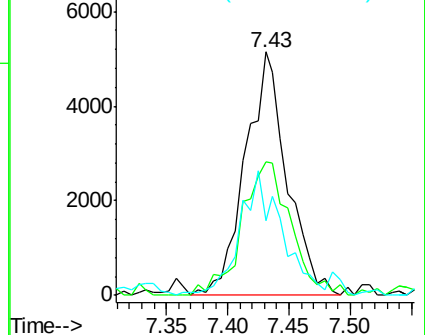
61 51.1 37.0 55.6



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: 1.566 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025458.D

Acq: 12 Jul 2018 18:39

Tgt Ion: 95 Resp: 79101

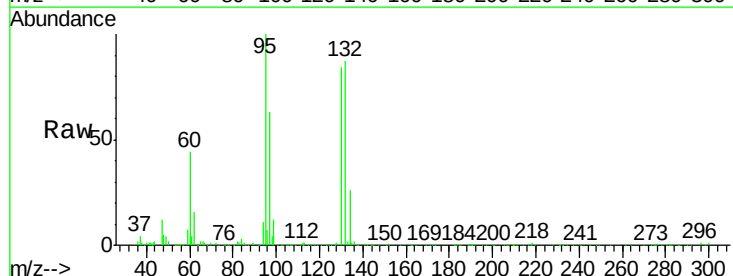
Ion Ratio Lower Upper

95 100

97 63.0 45.6 84.6

132 86.9 60.9 113.1

130 84.4 62.0 115.2

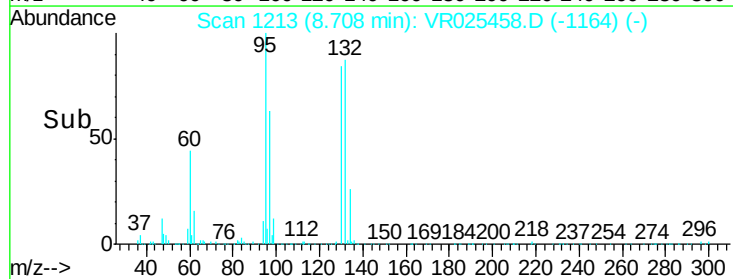
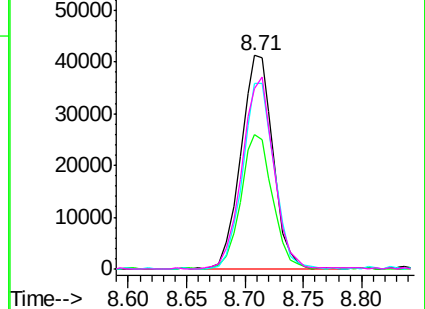


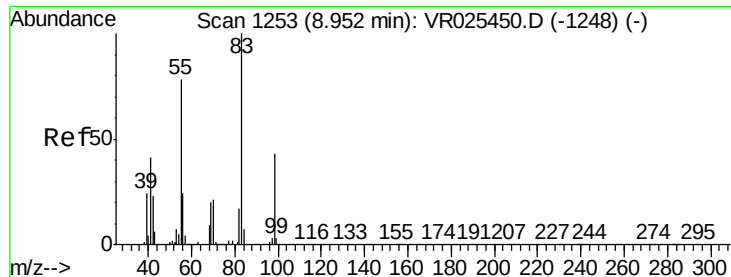
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

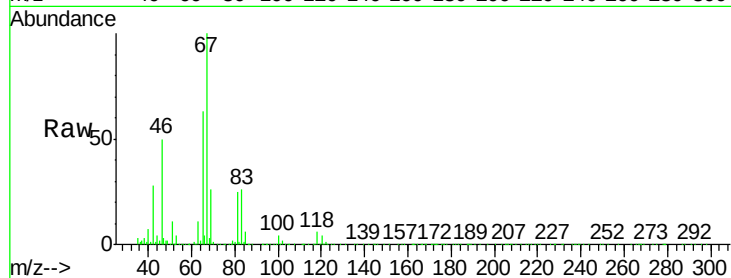




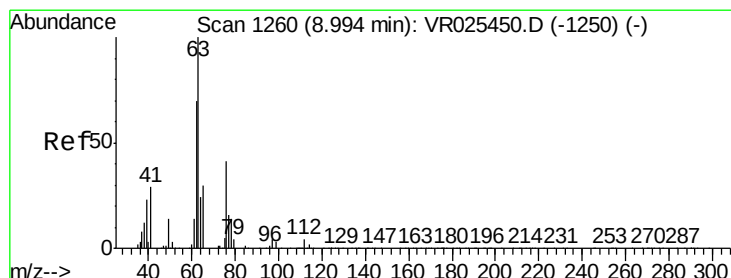
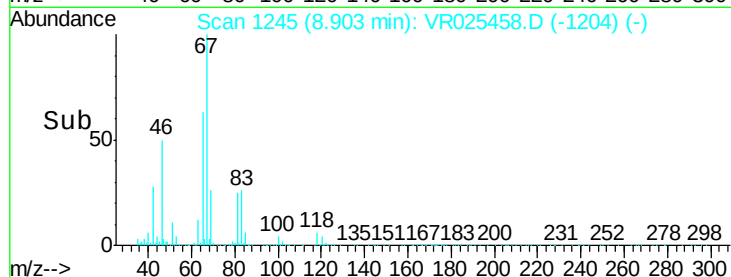
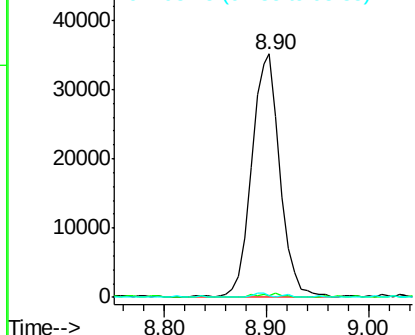
#35
Methylcyclohexane
Concen: 1.006 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025458.D
Acq: 12 Jul 2018 18:39

Instrument :
MSVOA_R
ClientSampleId :
C0AG2

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.5	66.1	99.1#
98	0.4	36.2	54.4#

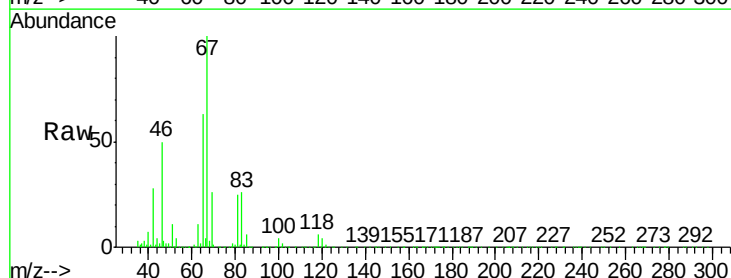


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

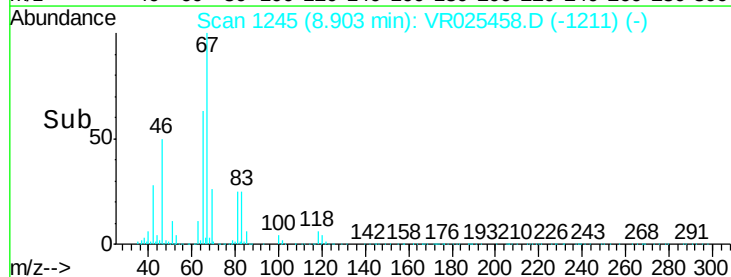
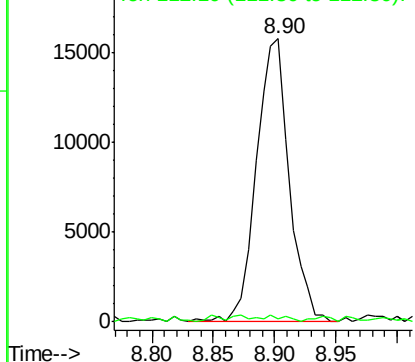


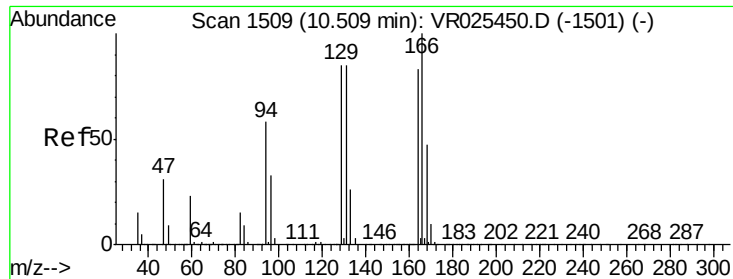
#37
1,2-Dichloropropane
Concen: 0.638 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025458.D
Acq: 12 Jul 2018 18:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.3	2.9	4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 112.10 (111.80 to 112.80): V





#47

Tetrachloroethene

Concen: 2.591 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VR025458.D

Acq: 12 Jul 2018 18:39

Instrument :

MSVOA_R

ClientSampled :

C0AG2

Tgt Ion:164 Resp: 85480

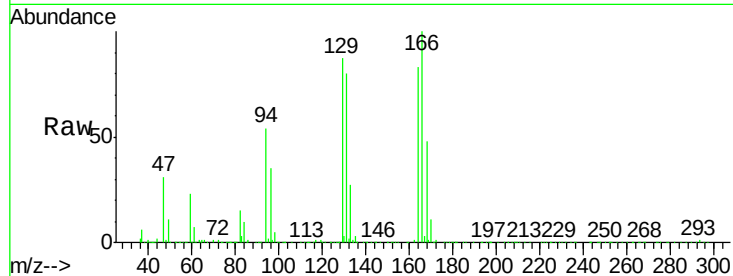
Ion Ratio Lower Upper

164 100

129 104.7 68.1 126.5

131 96.7 68.5 127.1

166 120.5 89.9 166.9

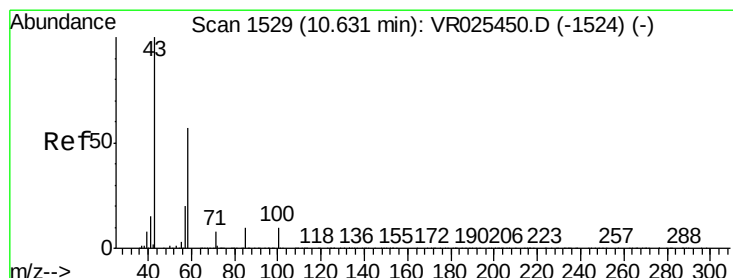
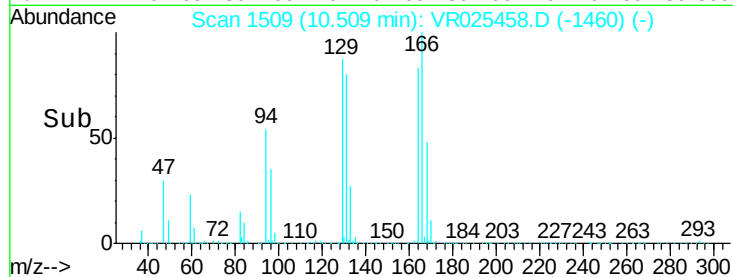
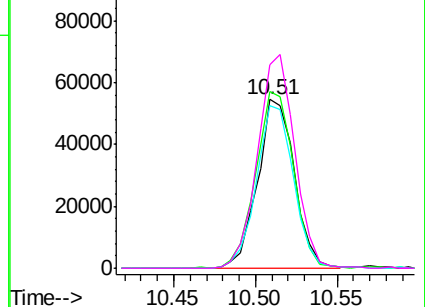


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.592 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025458.D

Acq: 12 Jul 2018 18:39

Tgt Ion: 43 Resp: 33034

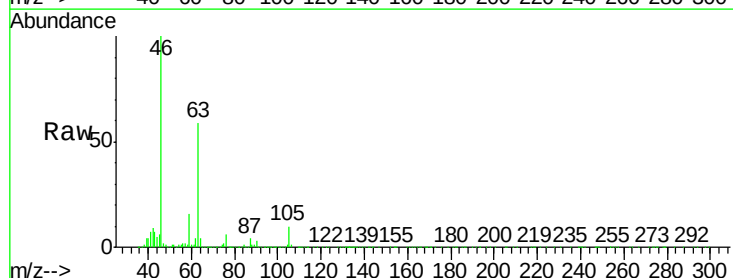
Ion Ratio Lower Upper

43 100

58 25.0 43.1 64.7#

57 30.4 15.3 22.9#

100 2.9 7.9 11.9#

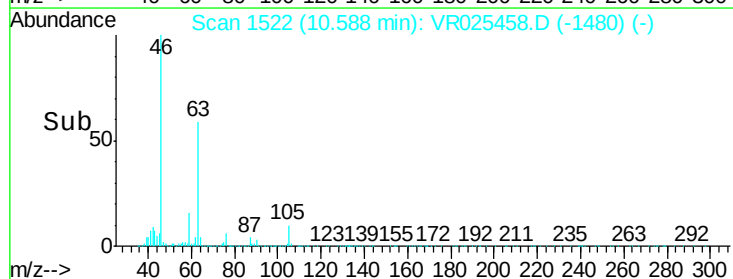
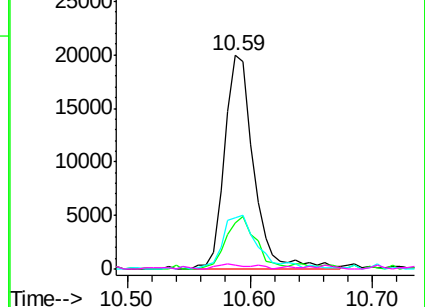


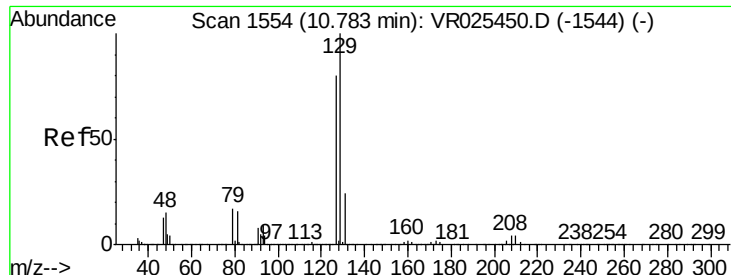
Abundance Ion 43.05 (42.75 to 43.75): VR0

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





#49

Dibromochloromethane

Concen: 3.367 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. -0.27 min

Lab File: VR025458.D

Acq: 12 Jul 2018 18:39

Instrument :

MSVOA_R

ClientSampleId :

C0AG2

Tgt Ion:129 Resp: 79345

Ion Ratio Lower Upper

129 100

127 0.7 55.9 103.7#

