

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071318\
 Data File : VR025465.D
 Acq On : 13 Jul 2018 17:06
 Operator : SY/MD
 Sample : J3987-01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J58

Quant Time: Jul 13 23:51:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 23:51:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	812632	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	628303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	221271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	111555	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	2.63	69	94661	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.63	63	229246	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	6.59	46	341414	49.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	7.20	84	477617	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	7.89	65	189165	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	7.85	84	990698	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	8.90	67	282054	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	834231	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.24	79	71621	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	10.59	63	267157	51.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	114011	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	182508	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

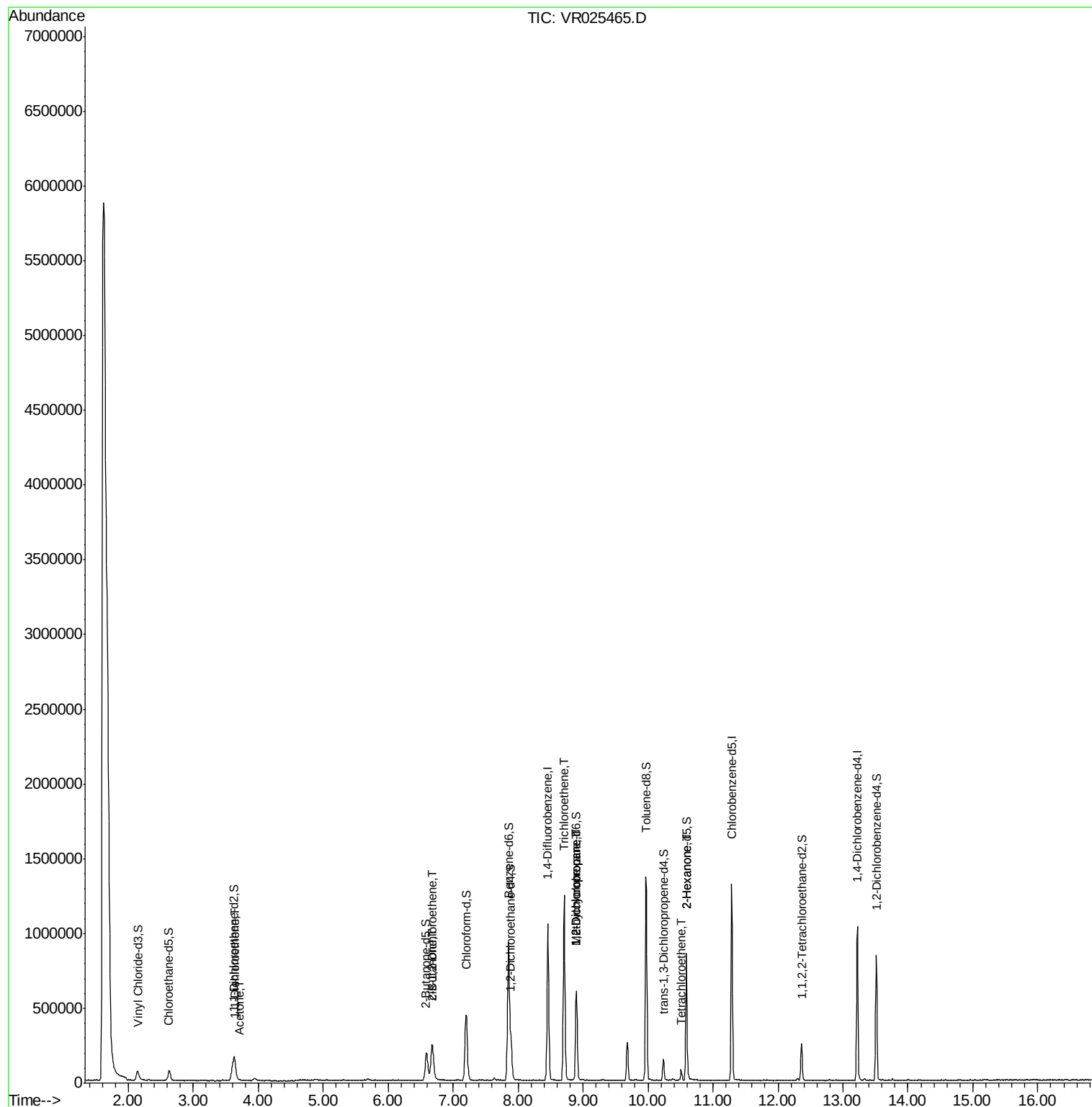
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	6452	0.266	ug/L #	1
13) Acetone	3.71	43	7493	2.390	ug/L	82
21) 2-Butanone	6.69	43	5132	0.703	ug/L	83
22) cis-1,2-Dichloroethene	6.68	96	110232	1.988	ug/L	87
34) Trichloroethene	8.71	95	427898	7.761	ug/L	99
35) Methylcyclohexane	8.90	83	64643	0.877	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	30563	0.607	ug/L #	94
47) Tetrachloroethene	10.51	164	15278	0.424	ug/L	95
48) 2-Hexanone	10.59	43	31498	3.139	ug/L #	68

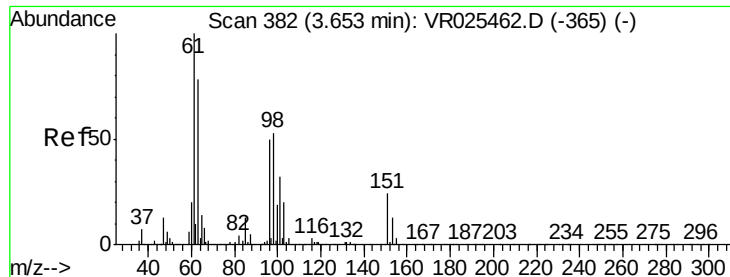
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR071318\
Data File : VR025465.D
Acq On : 13 Jul 2018 17:06
Operator : SY/MD
Sample : J3987-01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0J58

Quant Time: Jul 13 23:51:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 13 23:51:14 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.266 ug/L

RT: 3.65 min Scan# 382

Delta R.T. 0.00 min

Lab File: VR025465.D

Acq: 13 Jul 2018 17:06

Instrument :

MSVOA_R

ClientSampleId :

C0J58

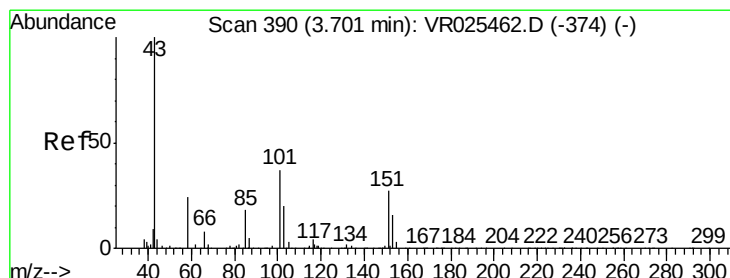
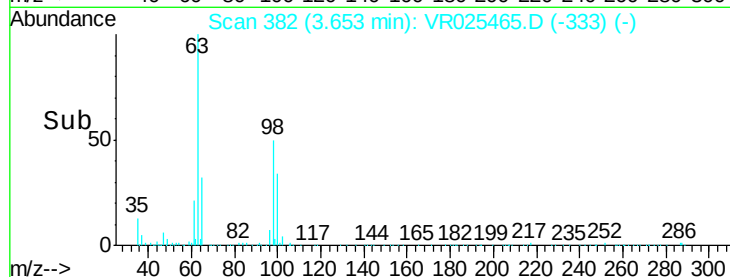
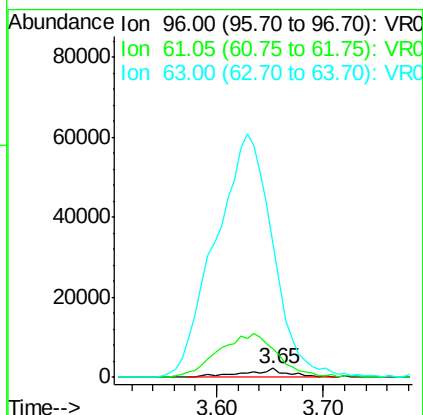
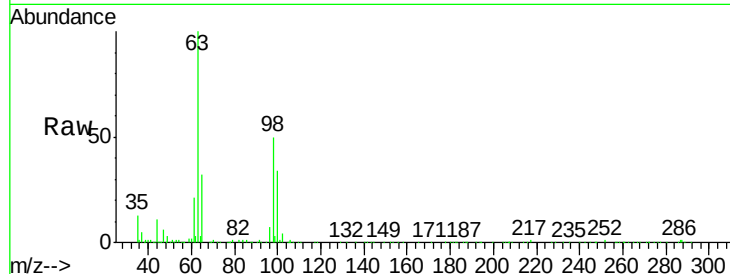
Tgt Ion: 96 Resp: 6452

Ion Ratio Lower Upper

96 100

61 318.2 155.0 287.9#

63 1507.1 122.3 227.1#



#13

Acetone

Concen: 2.390 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025465.D

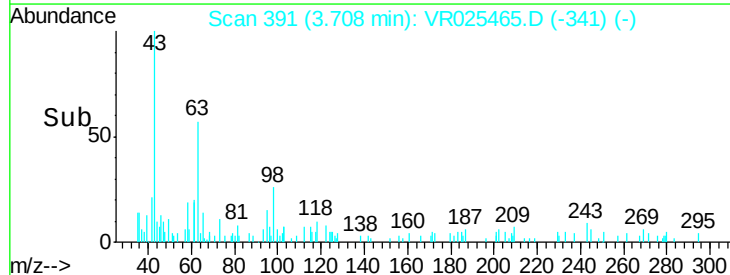
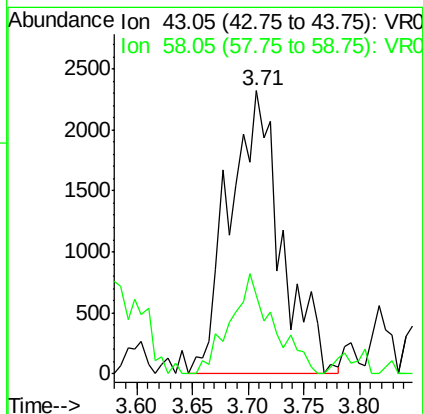
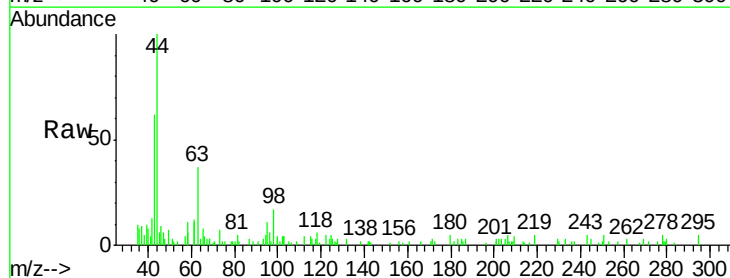
Acq: 13 Jul 2018 17:06

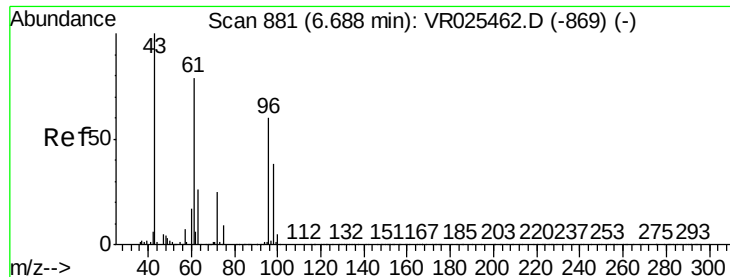
Tgt Ion: 43 Resp: 7493

Ion Ratio Lower Upper

43 100

58 29.2 0.0 41.6





#21

2-Butanone

Concen: 0.703 ug/L

RT: 6.69 min Scan# 881

Delta R.T. 0.00 min

Lab File: VR025465.D

Acq: 13 Jul 2018 17:06

Instrument :

MSVOA_R

ClientSampled :

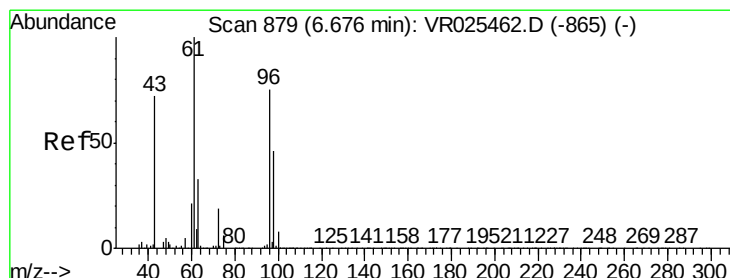
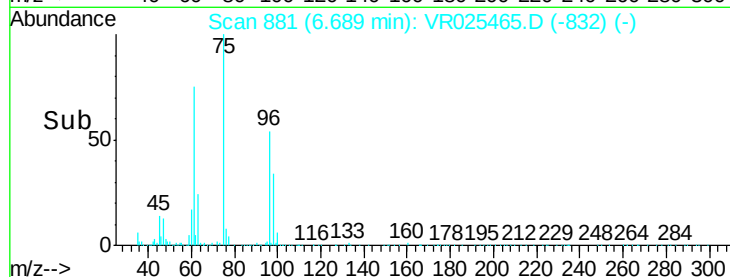
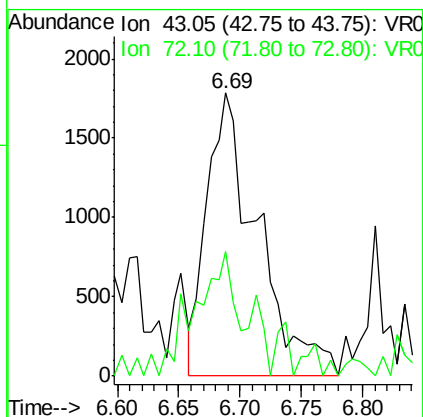
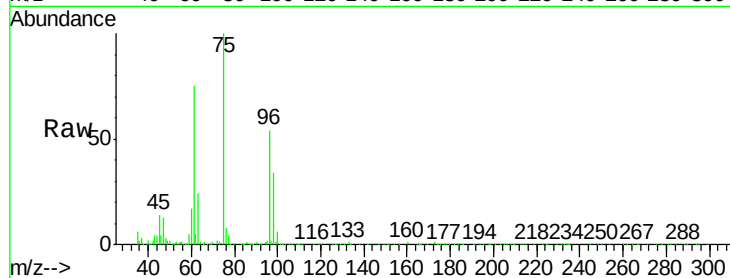
C0J58

Tgt Ion: 43 Resp: 5132

Ion Ratio Lower Upper

43 100

72 34.7 13.0 38.9



#22

cis-1,2-Dichloroethene

Concen: 1.988 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025465.D

Acq: 13 Jul 2018 17:06

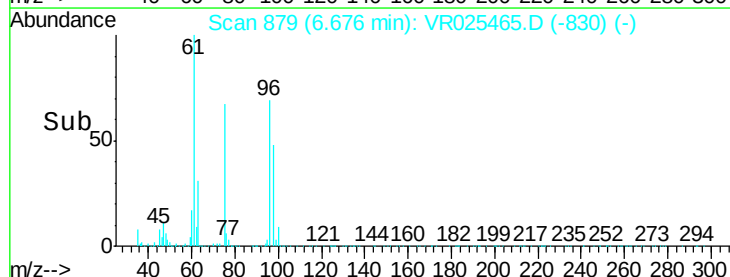
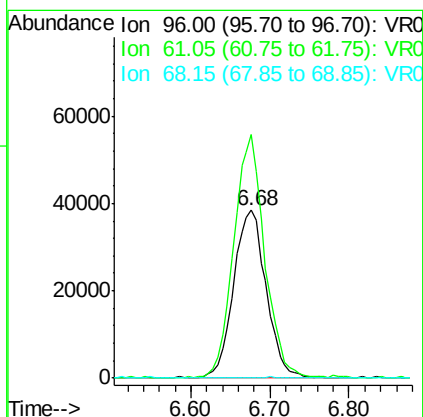
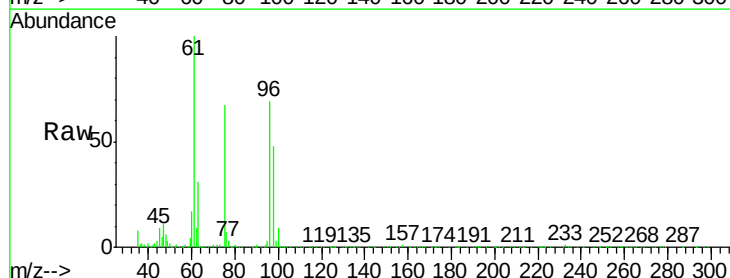
Tgt Ion: 96 Resp: 110232

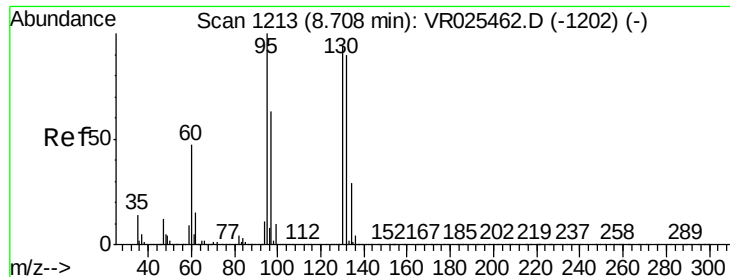
Ion Ratio Lower Upper

96 100

61 145.3 91.0 169.0

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.761 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025465.D

Acq: 13 Jul 2018 17:06

Instrument :

MSVOA_R

ClientSampleId :

C0J58

Tgt Ion: 95 Resp: 427898

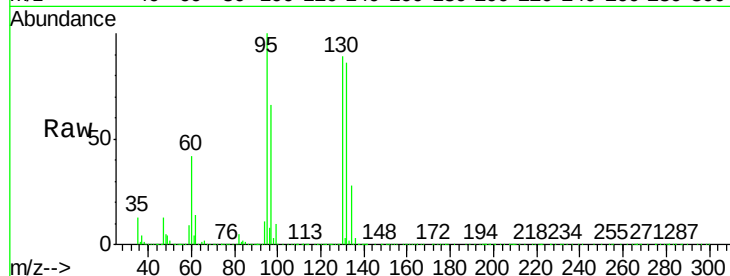
Ion Ratio Lower Upper

95 100

97 66.0 45.6 84.6

132 86.1 60.9 113.1

130 89.3 62.0 115.2

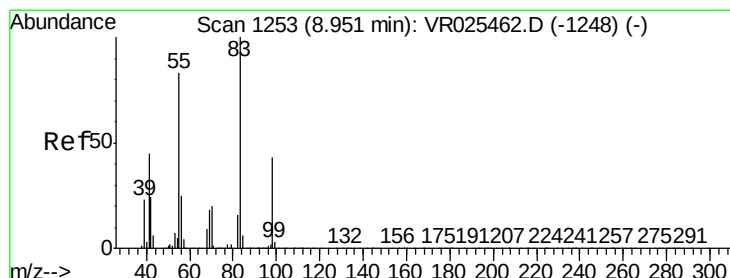
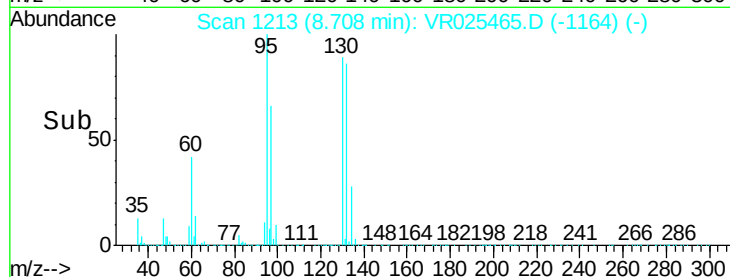
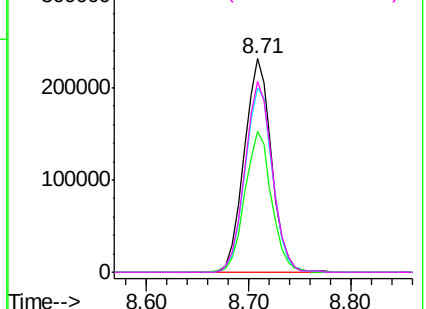


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.877 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025465.D

Acq: 13 Jul 2018 17:06

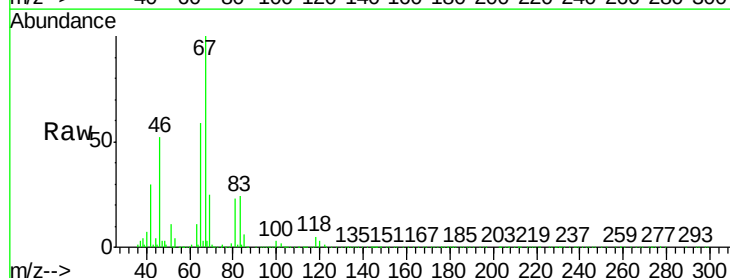
Tgt Ion: 83 Resp: 64643

Ion Ratio Lower Upper

83 100

55 0.8 66.1 99.1#

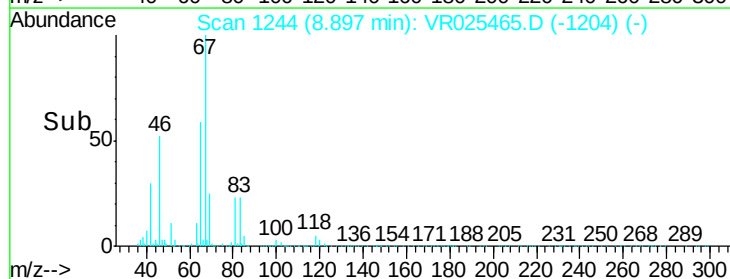
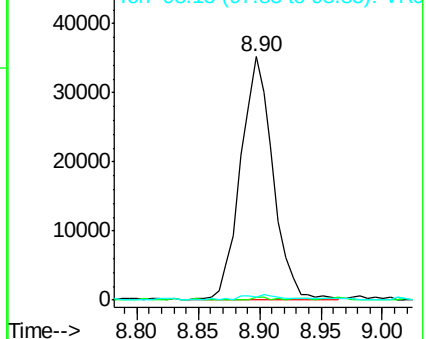
98 0.7 36.2 54.4#

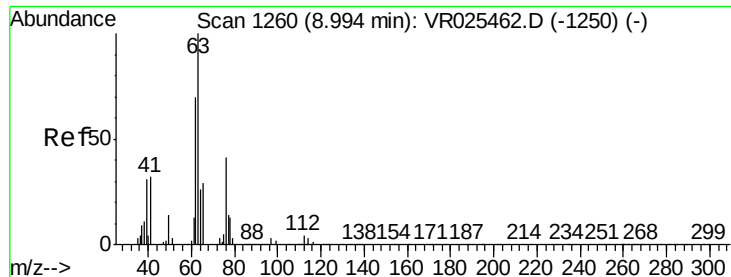


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

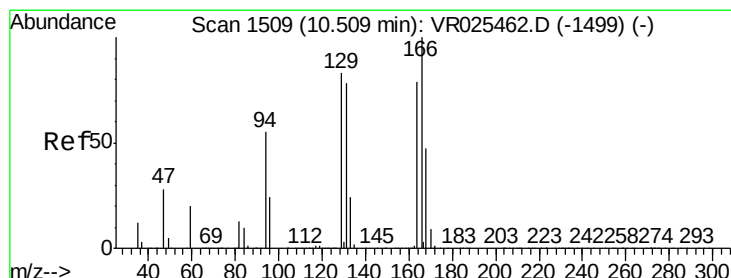
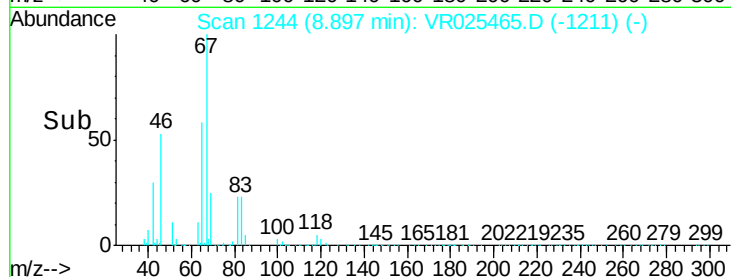
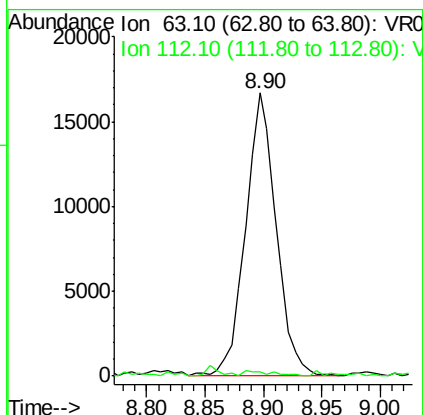
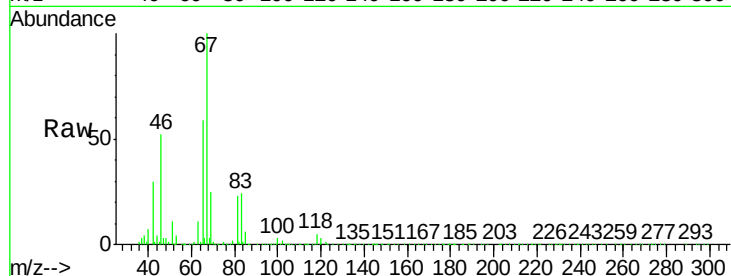




#37
 1,2-Dichloropropane
 Concen: 0.607 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025465.D
 Acq: 13 Jul 2018 17:06

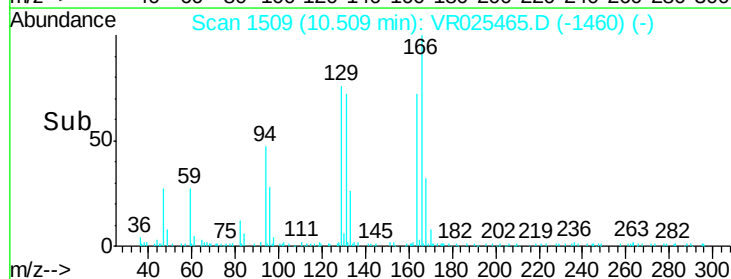
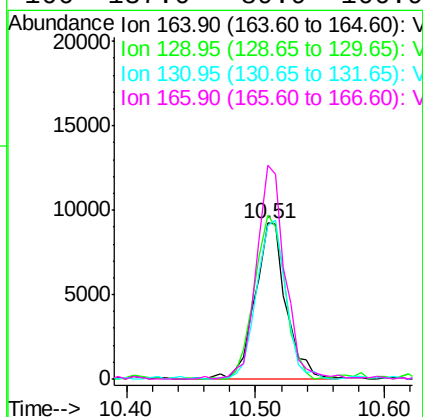
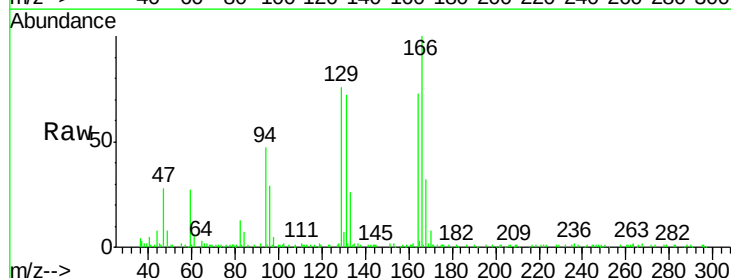
Instrument :
 MSVOA_R
 ClientSampleId :
 C0J58

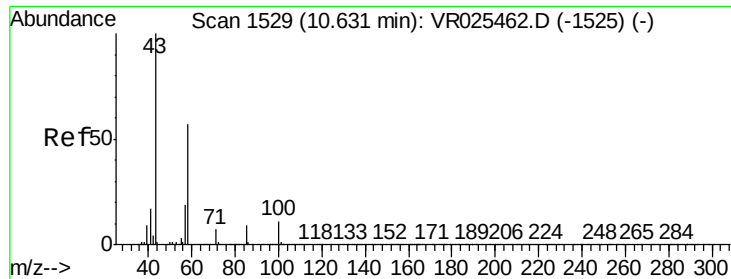
Tgt Ion: 63 Resp: 30563
 Ion Ratio Lower Upper
 63 100
 112 1.8 2.9 4.3#



#47
 Tetrachloroethene
 Concen: 0.424 ug/L
 RT: 10.51 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VR025465.D
 Acq: 13 Jul 2018 17:06

Tgt Ion: 164 Resp: 15278
 Ion Ratio Lower Upper
 164 100
 129 104.7 68.1 126.5
 131 98.4 68.5 127.1
 166 137.0 89.9 166.9





#48

2-Hexanone

Concen: 3.139 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025465.D

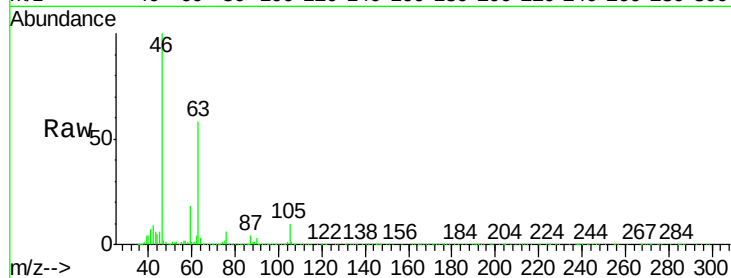
Acq: 13 Jul 2018 17:06

Instrument :

MSVOA_R

ClientSampleId :

C0J58



Tgt Ion: 43 Resp: 31498

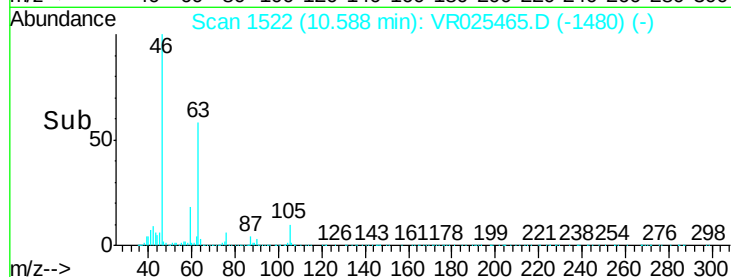
Ion Ratio Lower Upper

43 100

58 27.4 43.1 64.7#

57 30.5 15.3 22.9#

100 3.1 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

