

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
 Data File : VR025380.D
 Acq On : 20 Jun 2018 14:50
 Operator : SY/MD
 Sample : J3514-16
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH3

Quant Time: Jun 21 01:41:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 21 01:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	531764	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	450312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147801	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	81023	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	2.64	69	62045	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	3.65	63	175302	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	6.60	46	306591	63.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.30%
24) Chloroform-d	7.20	84	375957	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
26) 1,2-Dichloroethane-d4	7.89	65	154126	5.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.00%
32) Benzene-d6	7.86	84	788613	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	8.90	67	243412	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	9.97	98	688265	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	10.24	79	46322	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	10.59	63	262357	65.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.96%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	108823	6.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.00%#
64) 1,2-Dichlorobenzene-d4	13.51	152	155352	6.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.00%#

Target Compounds

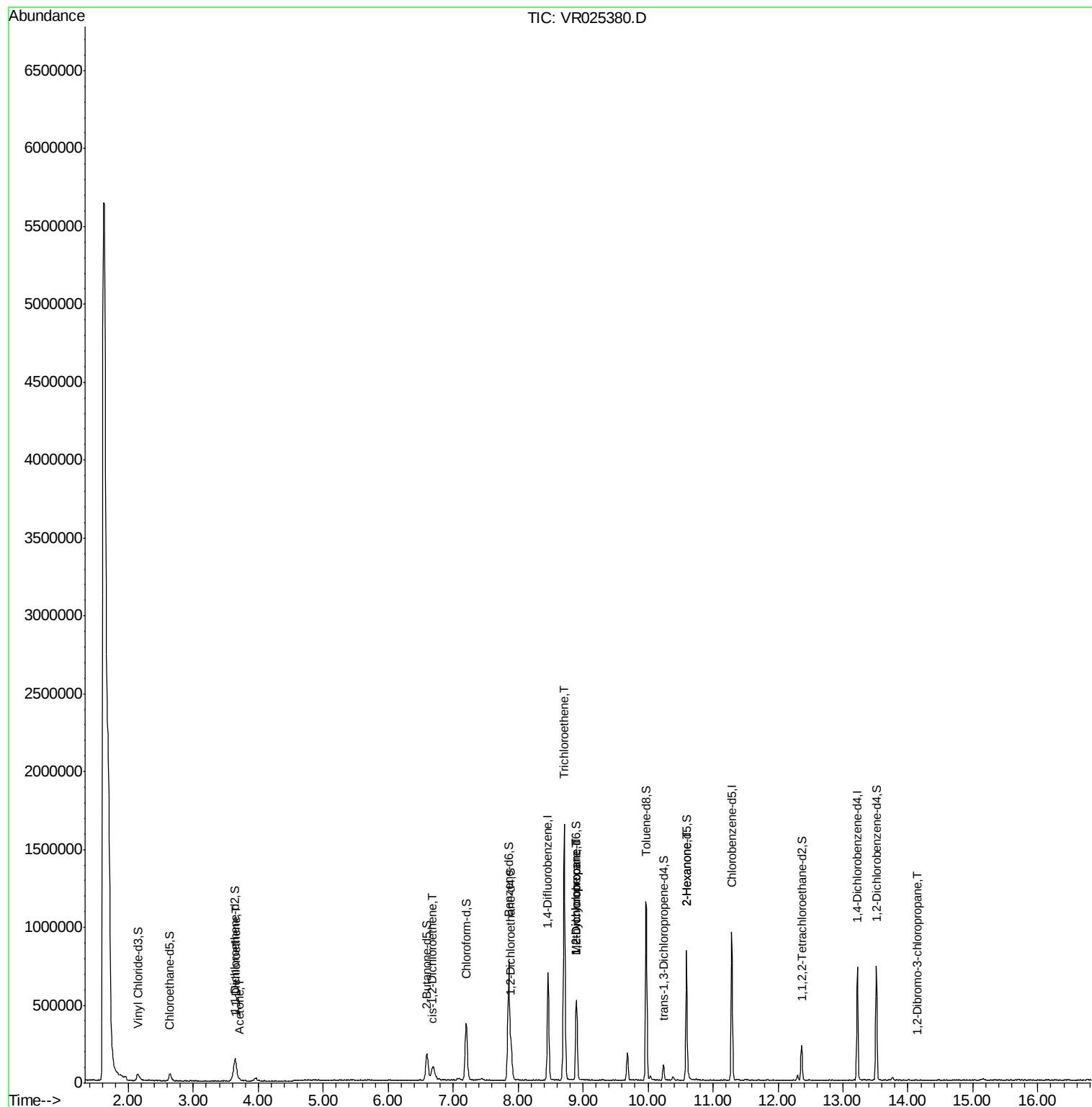
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.66	96	13617	0.728	ug/L #	1
13) Acetone	3.71	43	14064	6.414	ug/L	91
22) cis-1,2-Dichloroethene	6.68	96	23146	0.577	ug/L	83
34) Trichloroethene	8.71	95	566314	13.239	ug/L	98
35) Methylcyclohexane	8.90	83	54576	0.809	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	24823	0.632	ug/L #	96
48) 2-Hexanone	10.59	43	31142	3.841	ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.15	75	356	0.217	ug/L #	80

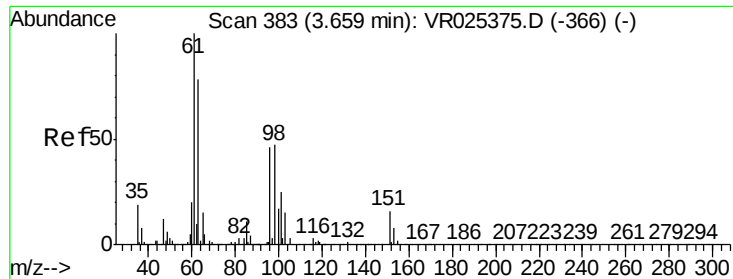
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
Data File : VR025380.D
Acq On : 20 Jun 2018 14:50
Operator : SY/MD
Sample : J3514-16
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0KH3

Quant Time: Jun 21 01:41:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 21 01:40:03 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.728 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025380.D

Acq: 20 Jun 2018 14:50

Instrument :

MSVOA_R

ClientSampleId :

C0KH3

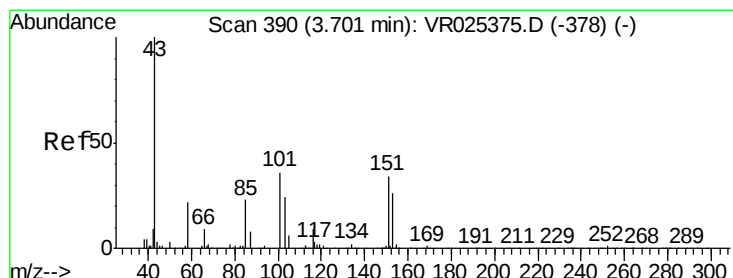
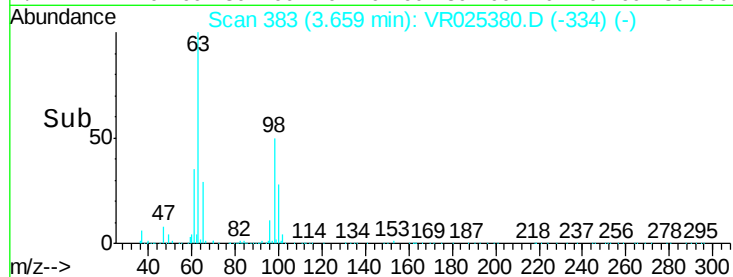
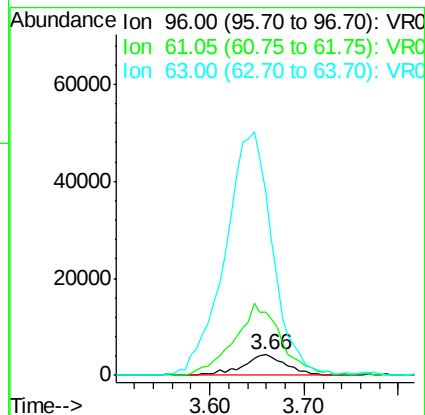
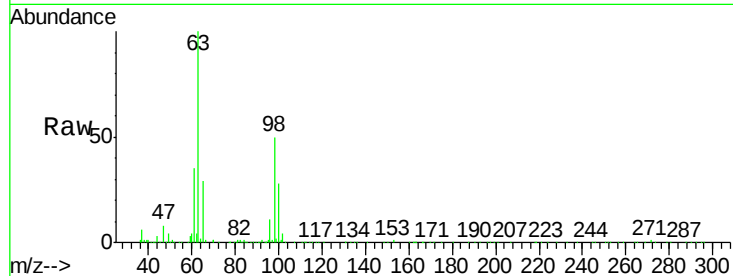
Tgt Ion: 96 Resp: 13617

Ion Ratio Lower Upper

96 100

61 307.0 155.0 287.9#

63 877.7 122.3 227.1#



#13

Acetone

Concen: 6.414 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025380.D

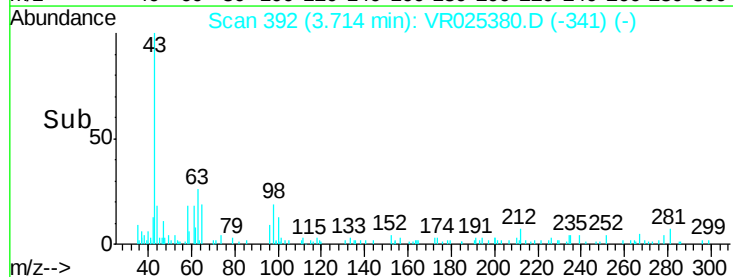
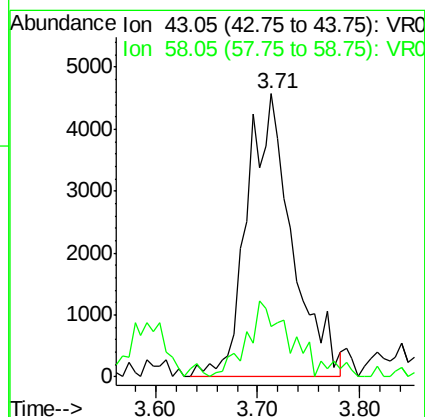
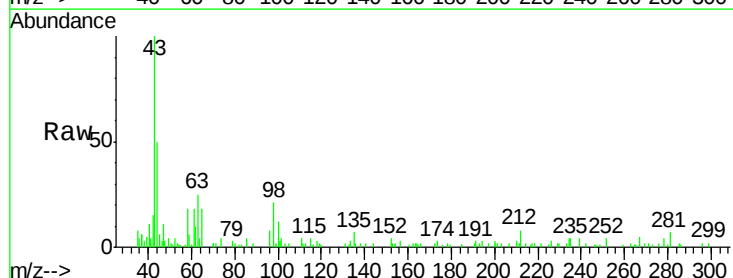
Acq: 20 Jun 2018 14:50

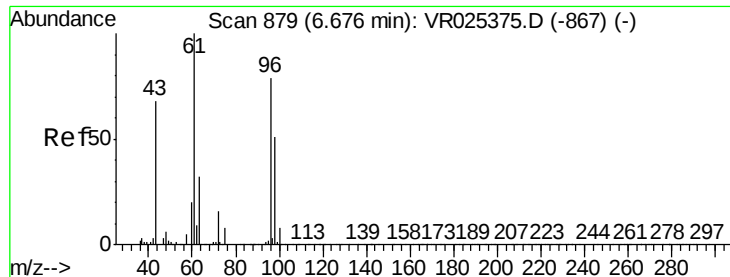
Tgt Ion: 43 Resp: 14064

Ion Ratio Lower Upper

43 100

58 25.2 0.0 41.6



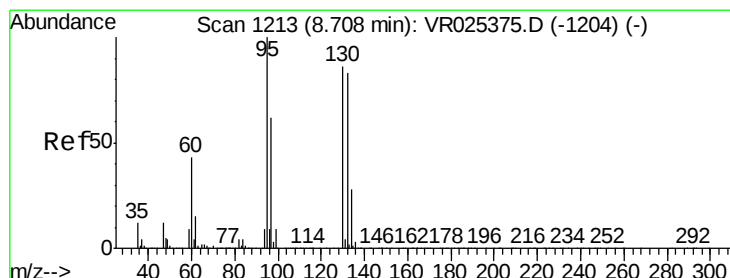
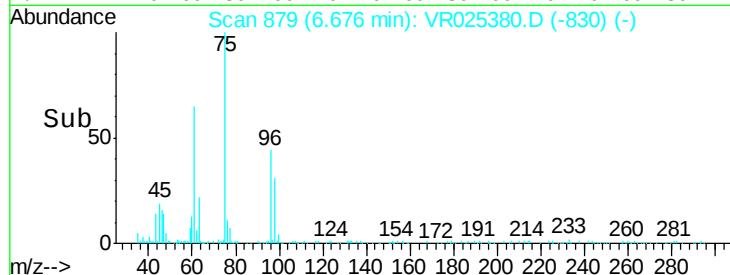
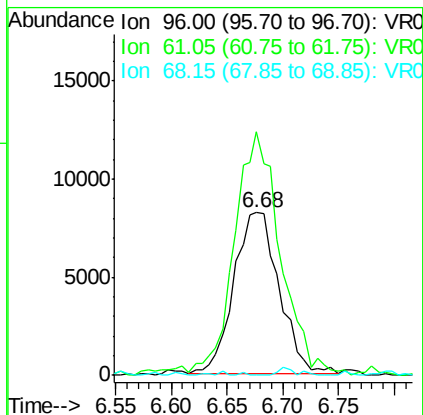
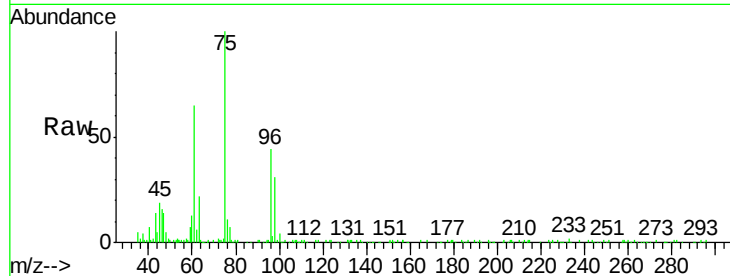


#22

cis-1,2-Dichloroethene
Concen: 0.577 ug/L
RT: 6.68 min Scan# 879
Delta R.T. 0.00 min
Lab File: VR025380.D
Acq: 20 Jun 2018 14:50

Instrument :
MSVOA_R
ClientSampleId :
C0KH3

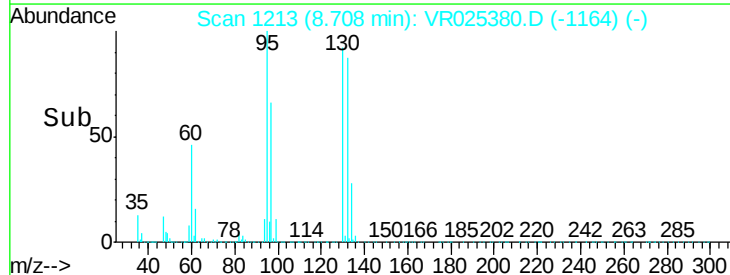
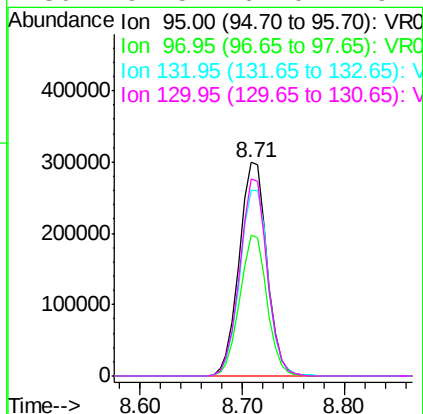
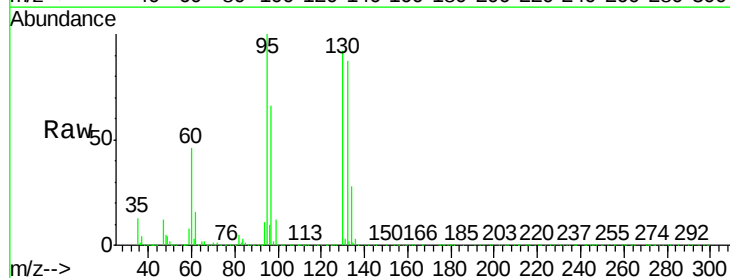
Tgt Ion: 96 Resp: 23146
Ion Ratio Lower Upper
96 100
61 150.0 91.0 169.0
68 0.0 0.0 0.0

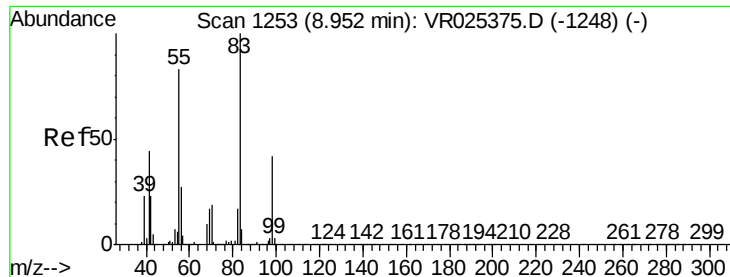


#34

Trichloroethene
Concen: 13.239 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VR025380.D
Acq: 20 Jun 2018 14:50

Tgt Ion: 95 Resp: 566314
Ion Ratio Lower Upper
95 100
97 65.8 45.6 84.6
132 87.2 60.9 113.1
130 92.5 62.0 115.2





#35

Methylcyclohexane

Concen: 0.809 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025380.D

Acq: 20 Jun 2018 14:50

Instrument :

MSVOA_R

ClientSampleId :

C0KH3

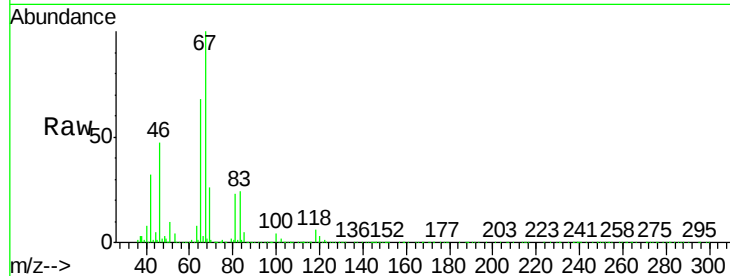
Tgt Ion: 83 Resp: 54576

Ion Ratio Lower Upper

83 100

55 0.4 66.1 99.1#

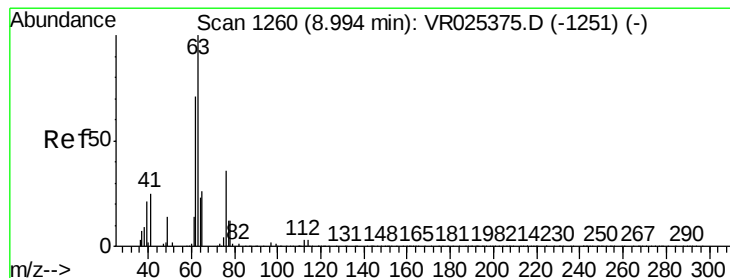
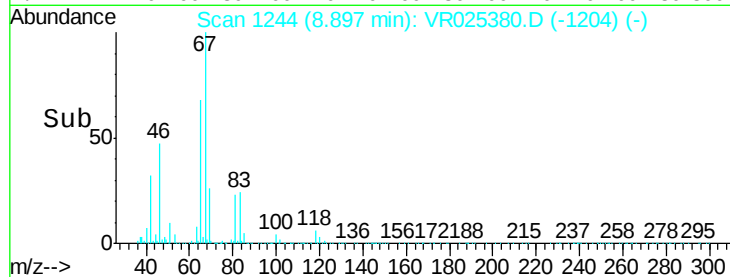
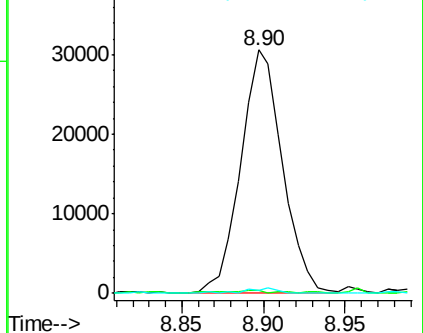
98 1.5 36.2 54.4#



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: 0.632 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025380.D

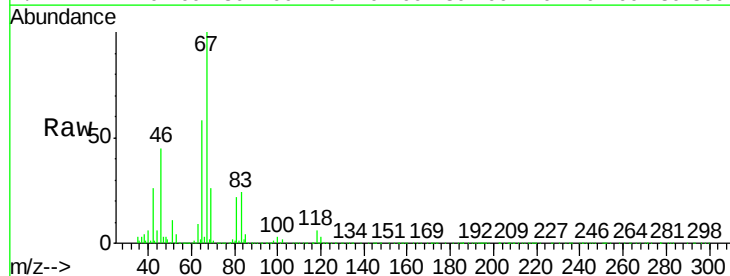
Acq: 20 Jun 2018 14:50

Tgt Ion: 63 Resp: 24823

Ion Ratio Lower Upper

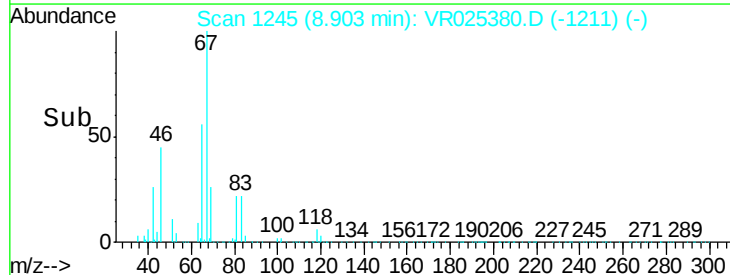
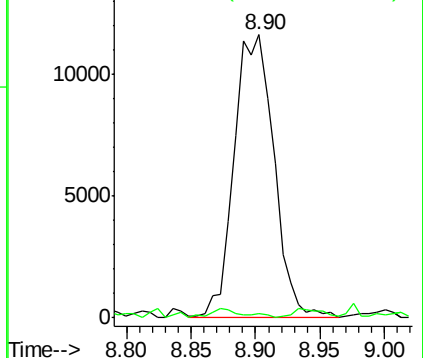
63 100

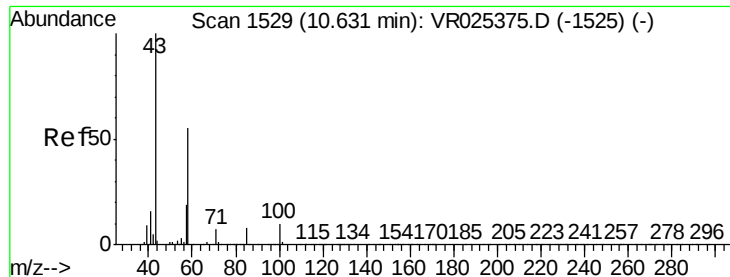
112 2.4 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

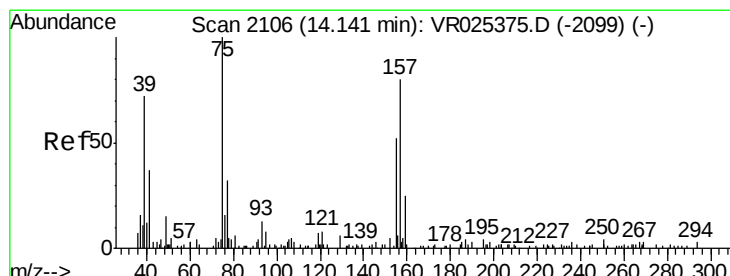
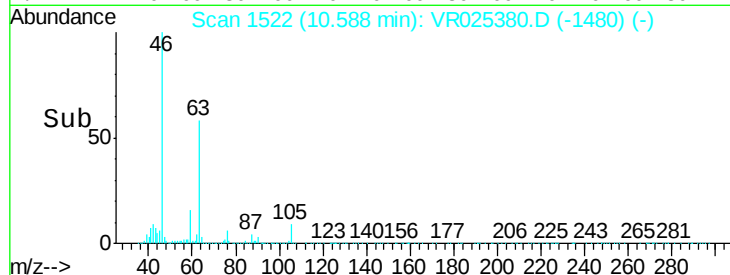
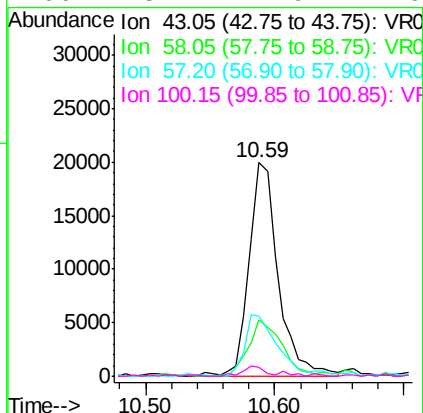
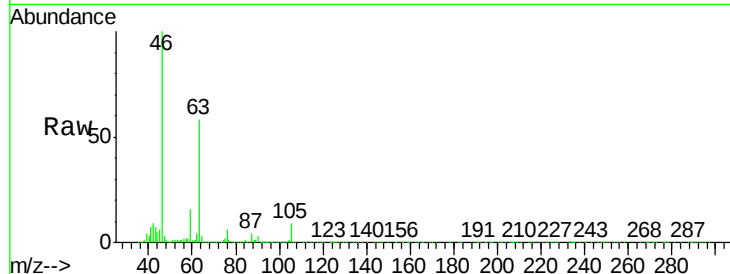




#48
2-Hexanone
Concen: 3.841 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.04 min
Lab File: VR025380.D
Acq: 20 Jun 2018 14:50

Instrument :
MSVOA_R
ClientSampled :
C0KH3

Tgt Ion:	43	Resp:	31142
Ion	Ratio	Lower	Upper
43	100		
58	30.5	43.1	64.7#
57	33.8	15.3	22.9#
100	3.4	7.9	11.9#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.217 ug/L
RT: 14.15 min Scan# 2107
Delta R.T. 0.01 min
Lab File: VR025380.D
Acq: 20 Jun 2018 14:50

Tgt Ion:	75	Resp:	356
Ion	Ratio	Lower	Upper
75	100		
155	101.9	74.1	111.1
157	59.7	71.0	106.6#

