

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025344.D
 Acq On : 17 Jun 2018 3:55
 Operator : SY/MD
 Sample : J3513-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KD9

Quant Time: Jun 18 04:09:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	538553	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	451751	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	141020	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	72451	3.95	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	2.63	69	63422	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	3.64	63	150657	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	6.59	46	271413	55.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.40%
24) Chloroform-d	7.20	84	290738	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	7.89	65	116645	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	7.86	84	583098	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
36) 1,2-Dichloropropane-d6	8.90	67	189278	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	9.97	98	466828	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	10.24	79	29634	2.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	51.20%#
46) 2-Hexanone-d5	10.59	63	212872	52.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85604	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	109723	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

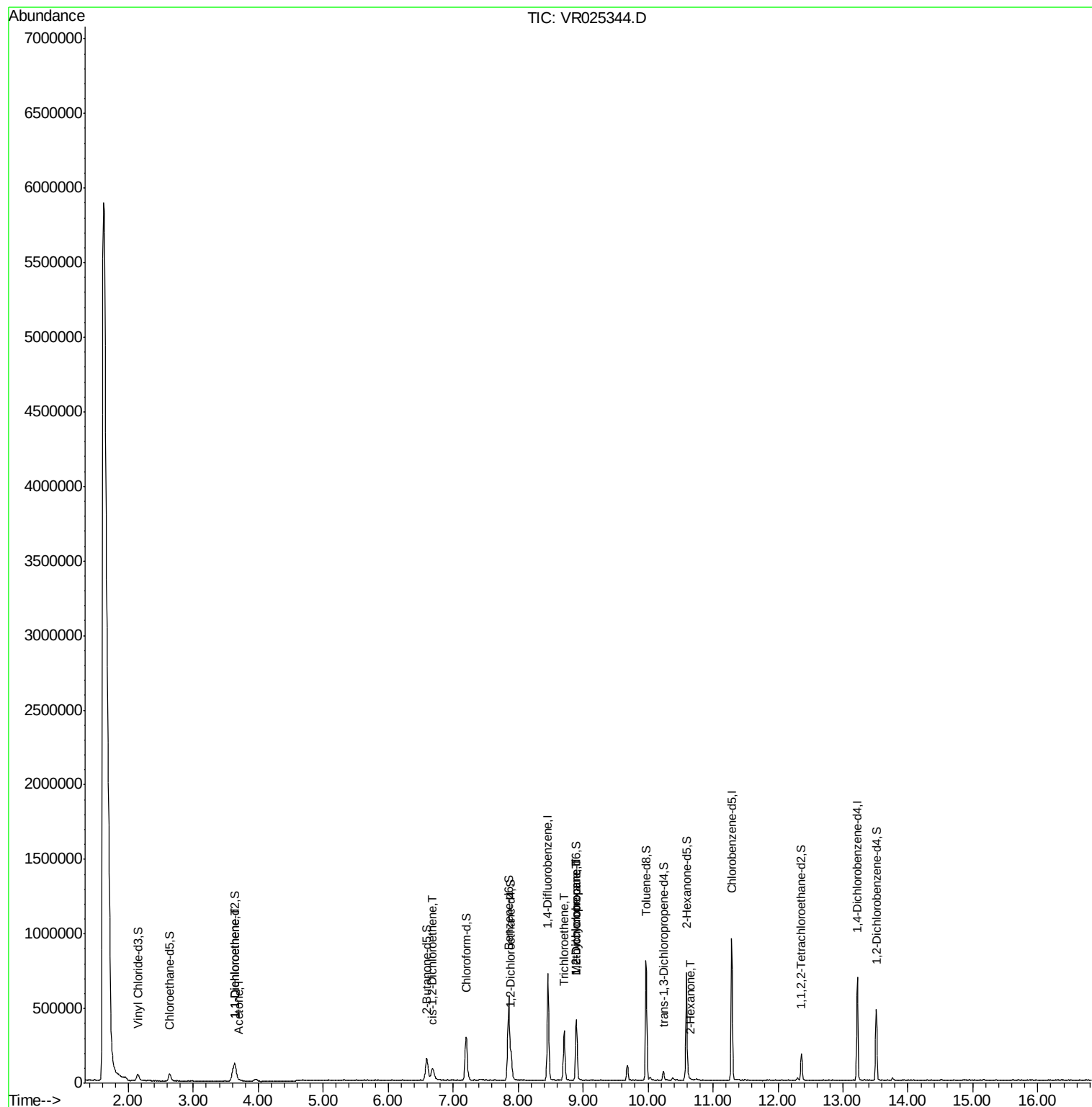
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	23827	1.259	ug/L #	1
13) Acetone	3.70	43	10118	4.556	ug/L	92
22) cis-1,2-Dichloroethene	6.67	96	24222	0.596	ug/L	93
34) Trichloroethene	8.71	95	113099	2.636	ug/L	97
35) Methylcyclohexane	8.90	83	41139	0.608	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	18628	0.472	ug/L #	94
48) 2-Hexanone	10.66	43	1877	0.231	ug/L #	58

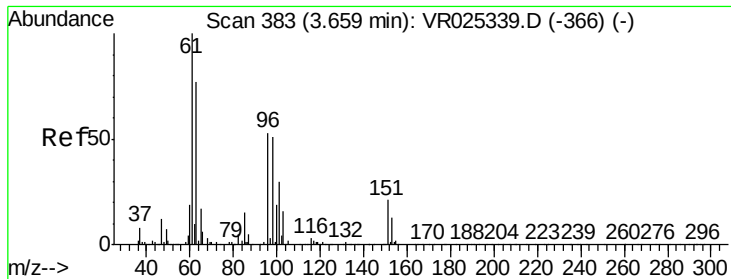
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.259 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

Lab File: VR025344.D

Acq: 17 Jun 2018 3:55

Instrument :

MSVOA_R

ClientSampleId :

C0KD9

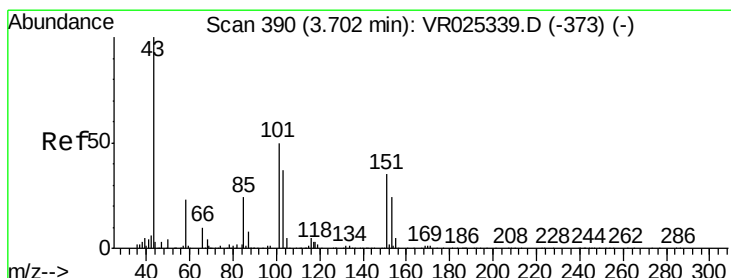
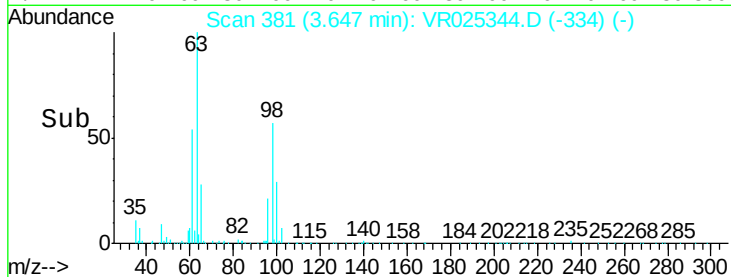
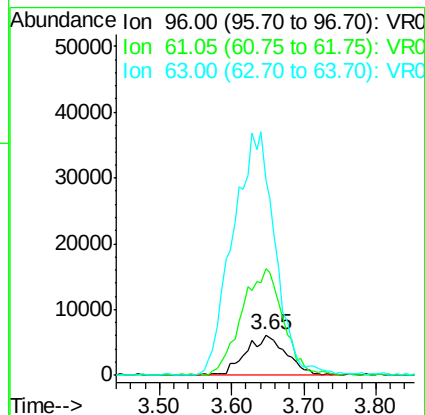
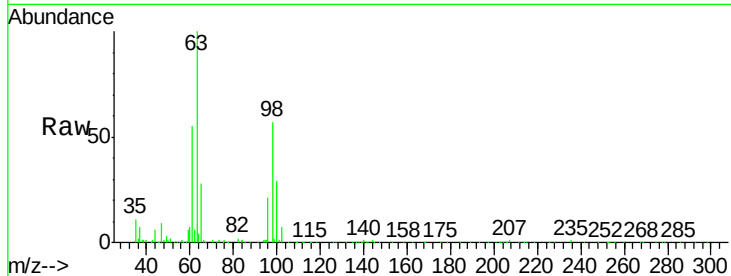
Tgt Ion: 96 Resp: 23827

Ion Ratio Lower Upper

96 100

61 265.1 155.0 287.9

63 485.5 122.3 227.1#



#13

Acetone

Concen: 4.556 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025344.D

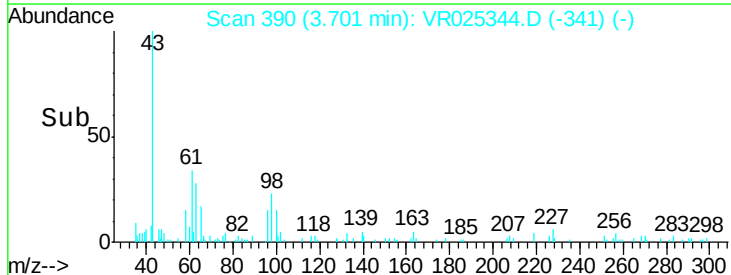
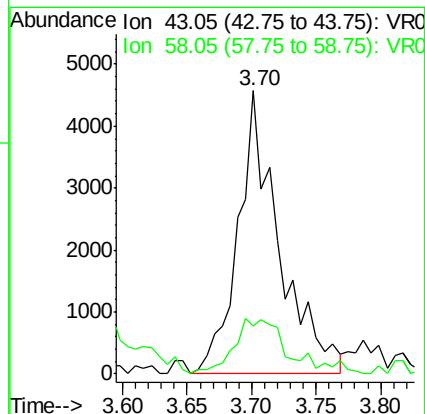
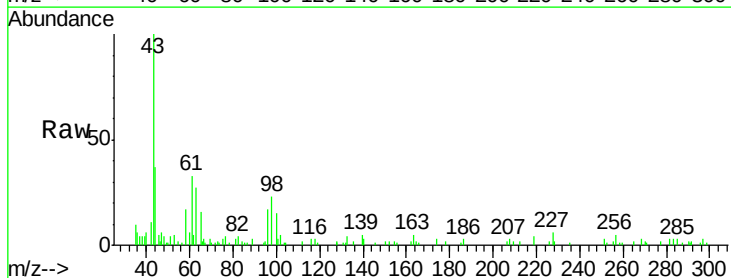
Acq: 17 Jun 2018 3:55

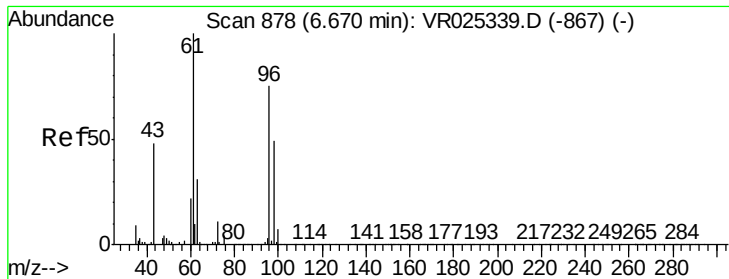
Tgt Ion: 43 Resp: 10118

Ion Ratio Lower Upper

43 100

58 24.7 0.0 41.6



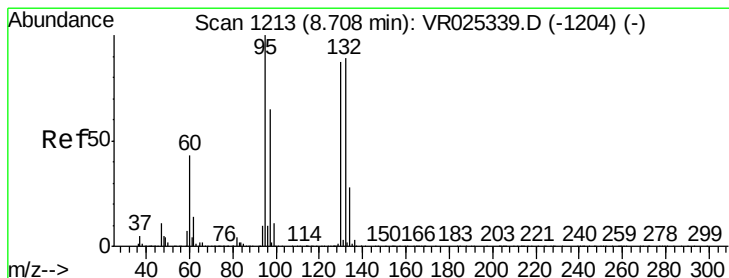
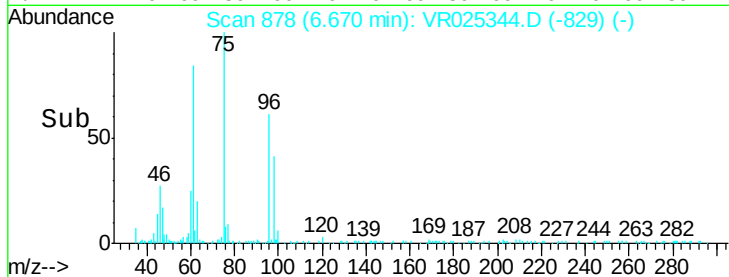
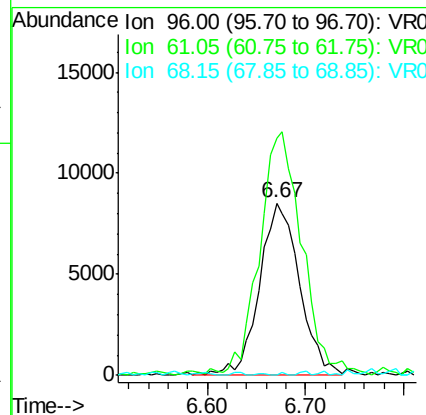
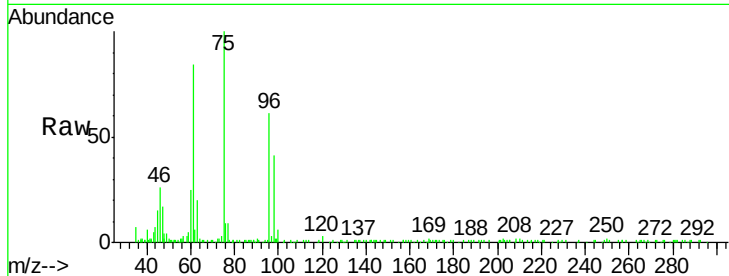


#22

cis-1,2-Dichloroethene
Concen: 0.596 ug/L
RT: 6.67 min Scan# 878
Delta R.T. -0.00 min
Lab File: VR025344.D
Acq: 17 Jun 2018 3:55

Instrument :
MSVOA_R
ClientSampleId :
C0KD9

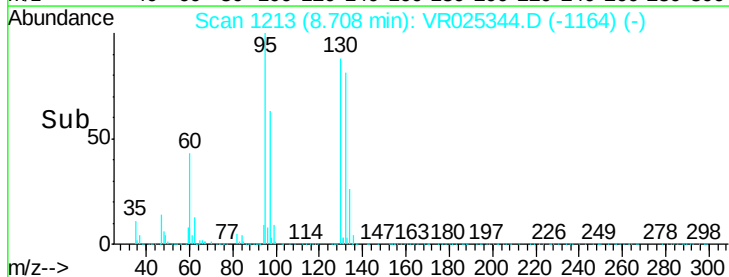
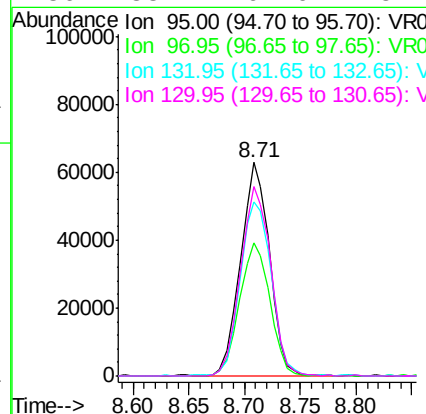
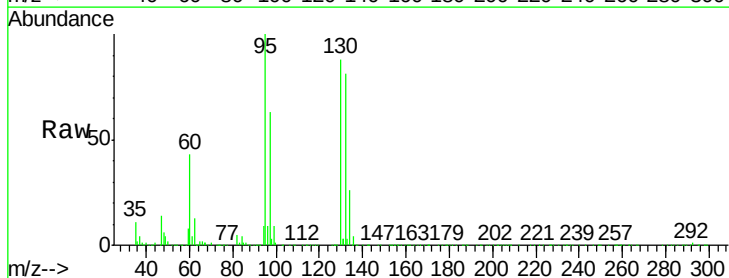
Tgt Ion: 96 Resp: 24222
Ion Ratio Lower Upper
96 100
61 137.8 91.0 169.0
68 0.0 0.0 0.0

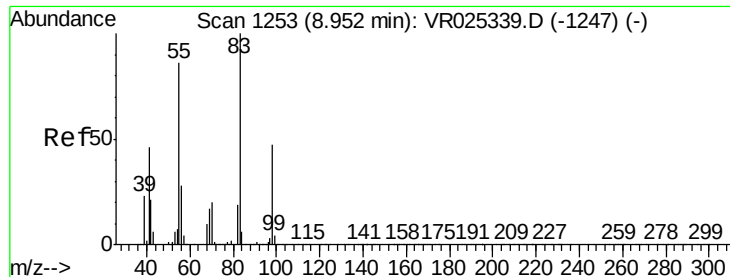


#34

Trichloroethene
Concen: 2.636 ug/L
RT: 8.71 min Scan# 1213
Delta R.T. -0.00 min
Lab File: VR025344.D
Acq: 17 Jun 2018 3:55

Tgt Ion: 95 Resp: 113099
Ion Ratio Lower Upper
95 100
97 62.6 45.6 84.6
132 81.4 60.9 113.1
130 88.4 62.0 115.2

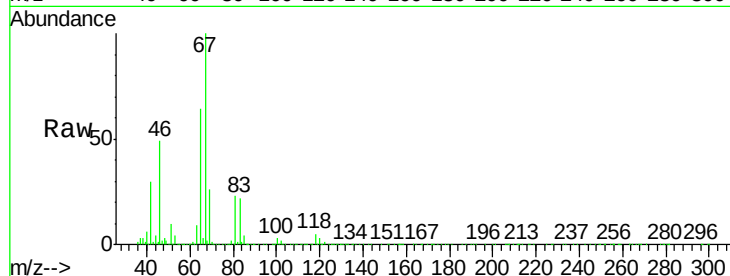




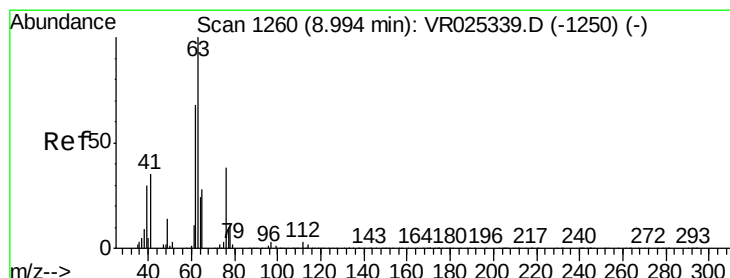
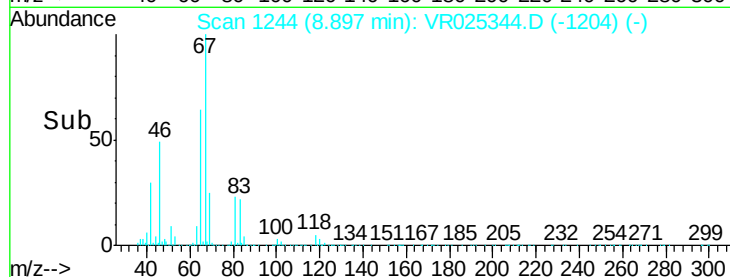
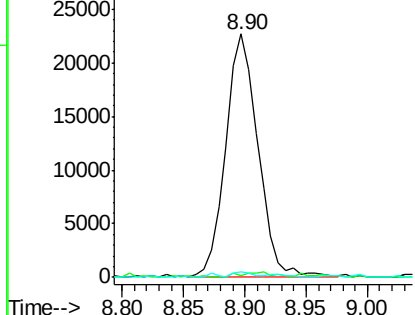
#35
Methylcyclohexane
Concen: 0.608 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025344.D
Acq: 17 Jun 2018 3:55

Instrument :
MSVOA_R
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Tgt Ion: 83 Resp: 41139
Ion Ratio Lower Upper
83 100
55 0.0 66.1 99.1#
98 1.6 36.2 54.4#

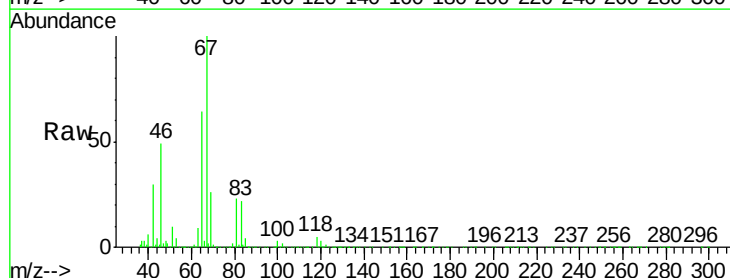


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

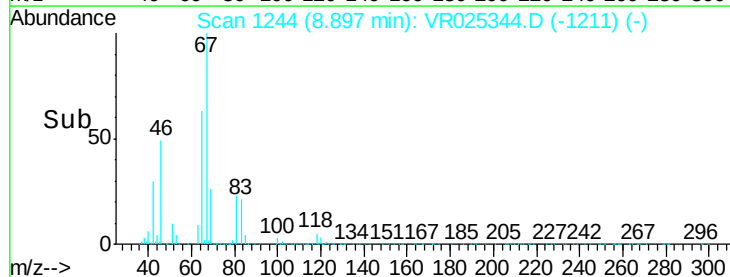
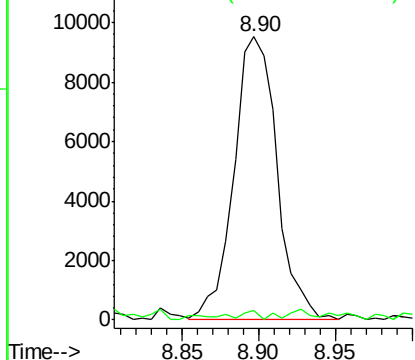


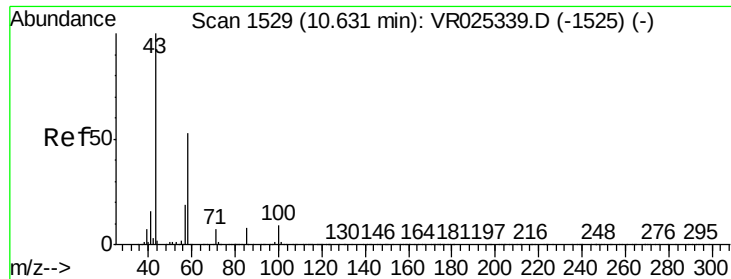
#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025344.D
Acq: 17 Jun 2018 3:55

Tgt Ion: 63 Resp: 18628
Ion Ratio Lower Upper
63 100
112 1.6 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: 0.231 ug/L

RT: 10.66 min Scan# 1533

Delta R.T. 0.02 min

Lab File: VR025344.D

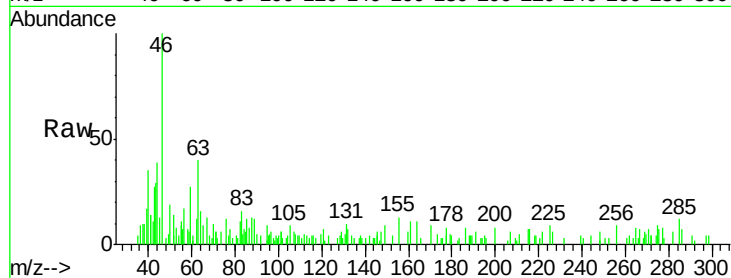
Acq: 17 Jun 2018 3:55

Instrument :

MSVOA_R

ClientSampleId :

C0KD9



Tgt Ion: 43 Resp: 1877

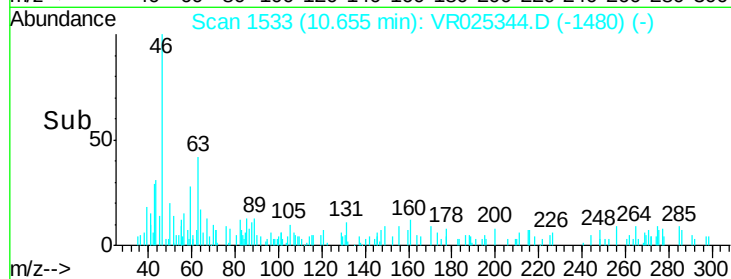
Ion Ratio Lower Upper

43 100

58 19.2 43.1 64.7#

57 0.0 15.3 22.9#

100 12.1 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

