

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025669.D
 Acq On : 5 Sep 2018 14:37
 Operator : SY/MD
 Sample : J4749-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E5FA6

Quant Time: Sep 06 03:36:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	454911	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	378161	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	115701	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	118528	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	2.62	69	111617	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	3.63	63	234802	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	6.60	46	136674	60.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.14%
24) Chloroform-d	7.21	84	234859	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	7.89	65	87481	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	7.86	84	563086	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	8.90	67	162562	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	9.97	98	498111	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.24	79	29123	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	10.59	63	147054	60.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68382	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	115102	6.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.60%#

Target Compounds

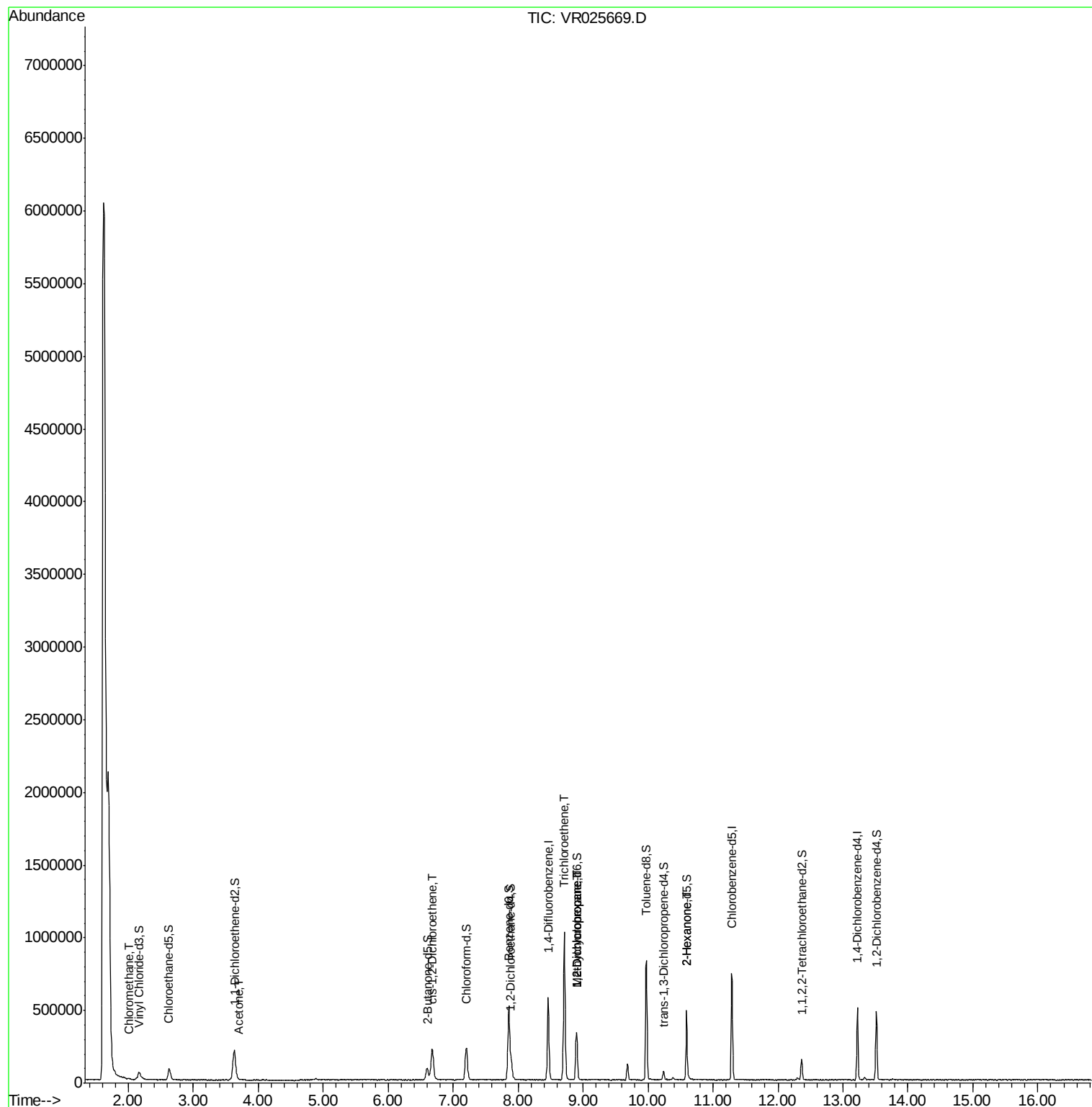
					Ovalue
3) Chloromethane	2.02	50	10115	0.27 ug/L	95
13) Acetone	3.71	43	4341	3.09 ug/L	90
22) cis-1,2-Dichloroethene	6.68	96	138209	4.26 ug/L #	92
34) Trichloroethene	8.71	95	331696	10.49 ug/L	97
35) Methylcyclohexane	8.90	83	37184	0.72 ug/L #	23
37) 1,2-Dichloropropane	8.90	63	15587	0.51 ug/L	100
48) 2-Hexanone	10.59	43	16240	3.17 ug/L #	65

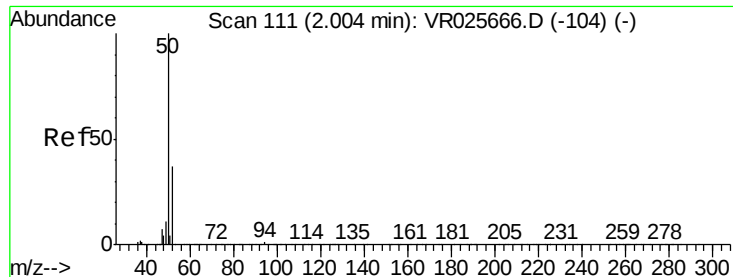
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 06 03:24:58 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.27 ug/L

RT: 2.02 min Scan# 113

Delta R.T. 0.01 min

Lab File: VR025669.D

Acq: 5 Sep 2018 14:37

Instrument :

MSVOA_R

ClientSampleId :

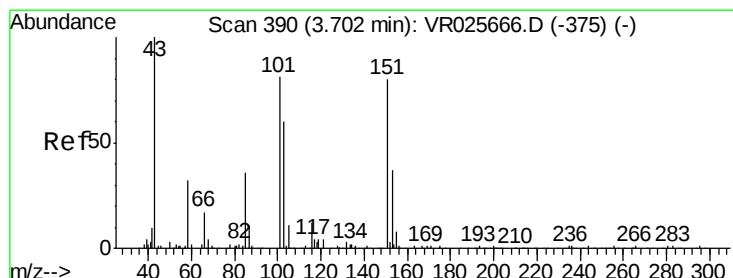
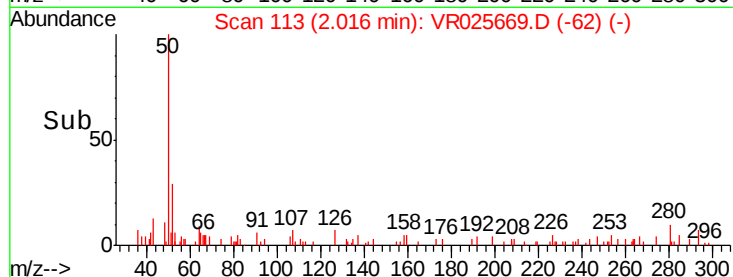
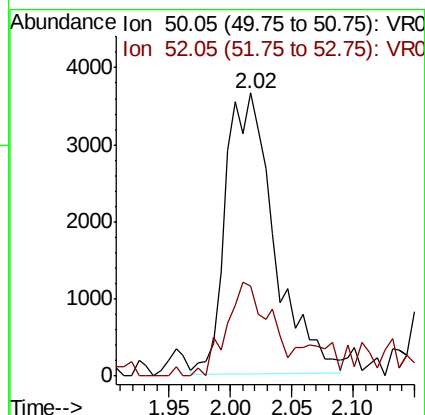
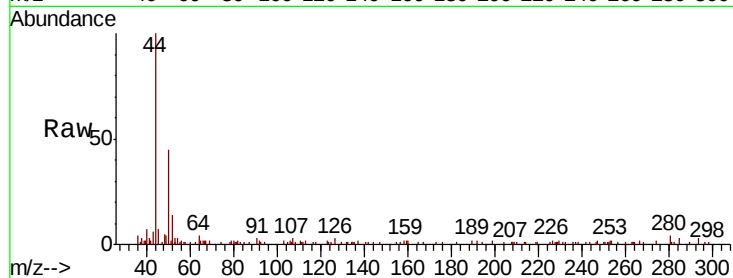
E5FA6

Tot Ion: 50 Resp: 10115

Ion Ratio Lower Upper

50 100

52 31.8 24.2 45.0



#13

Acetone

Concen: 3.09 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025669.D

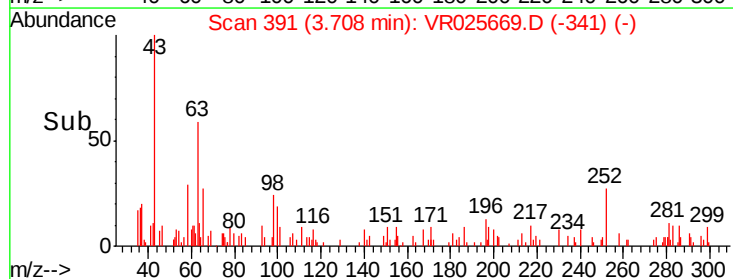
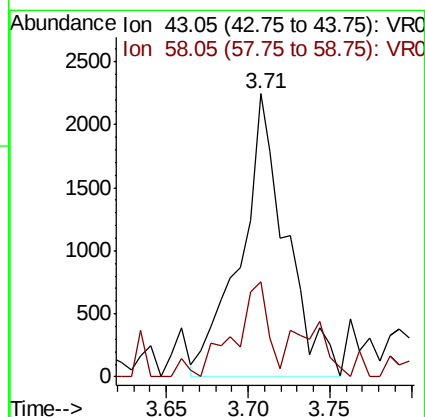
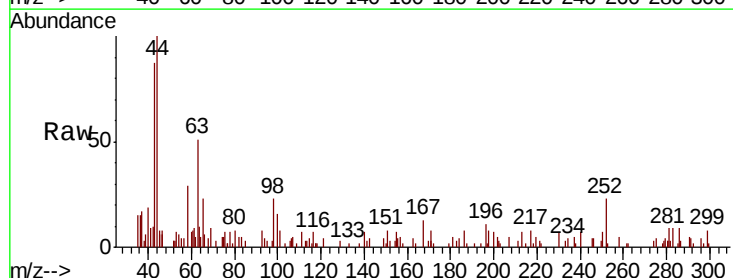
Acq: 5 Sep 2018 14:37

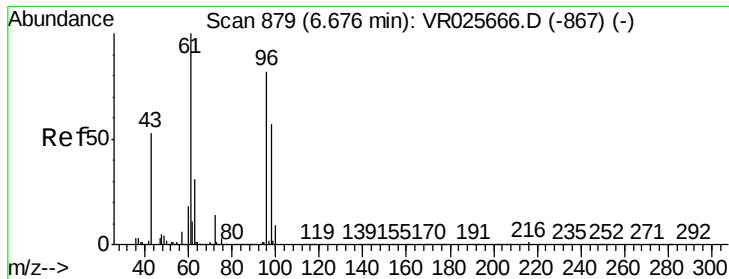
Tgt Ion: 43 Resp: 4341

Ion Ratio Lower Upper

43 100

58 26.0 0.0 63.4



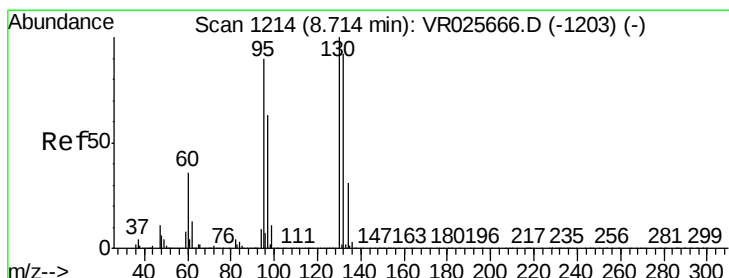
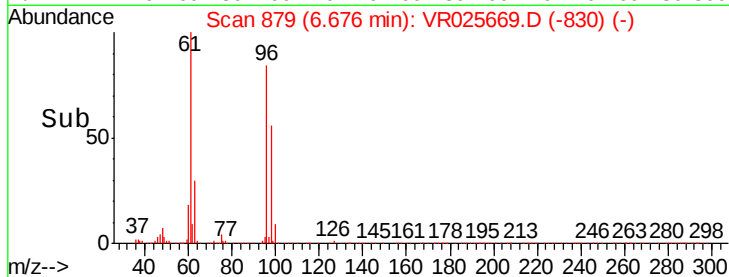
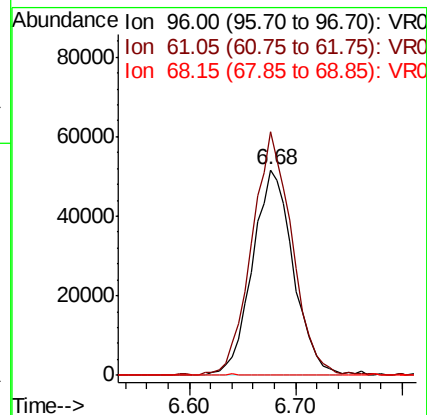
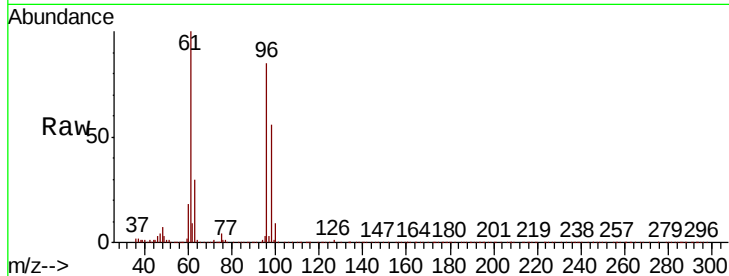


#22

cis-1,2-Dichloroethene
Concen: 4.26 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.00 min
Lab File: VR025669.D
Acq: 5 Sep 2018 14:37

Instrument :
MSVOA_R
ClientSampleId :
E5FA6

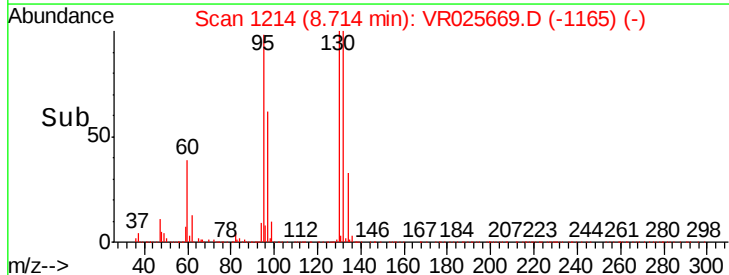
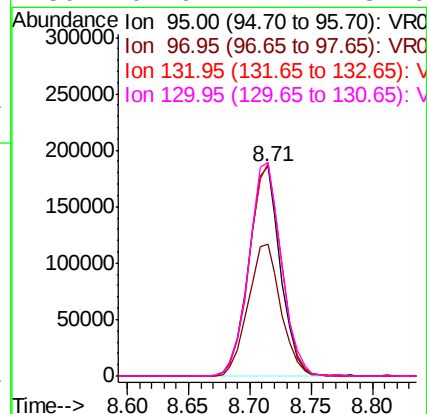
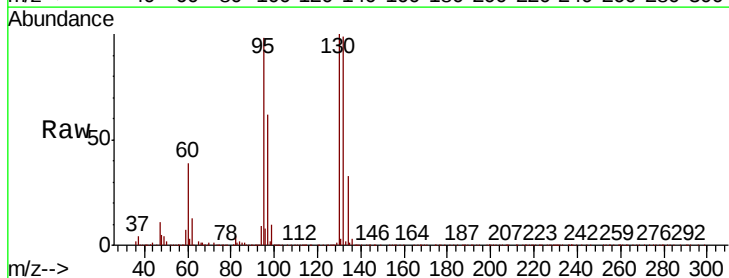
Tot Ion	Ratio	Lower	Upper
96	100		
61	118.3	76.7	142.5
68	0.0	0.1	0.3#

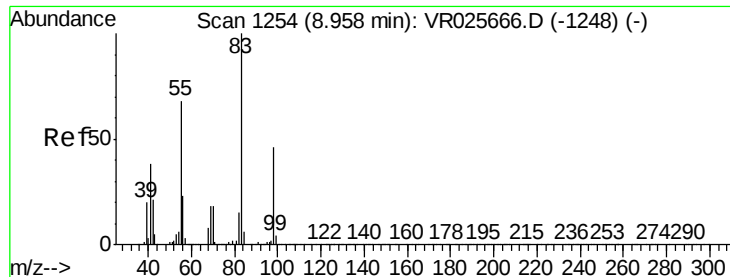


#34

Trichloroethene
Concen: 10.49 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. -0.00 min
Lab File: VR025669.D
Acq: 5 Sep 2018 14:37

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.7	84.9
132	101.3	66.6	123.6
130	101.9	72.2	134.0

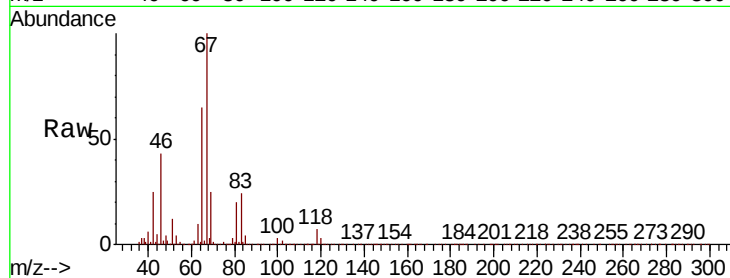




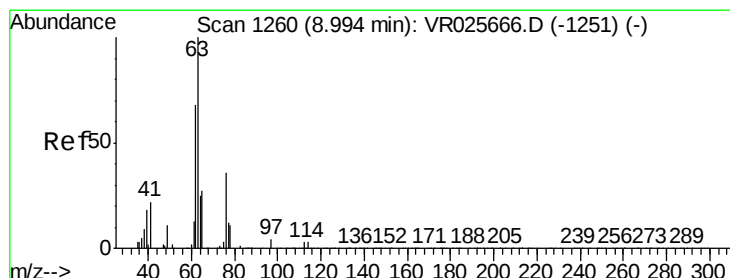
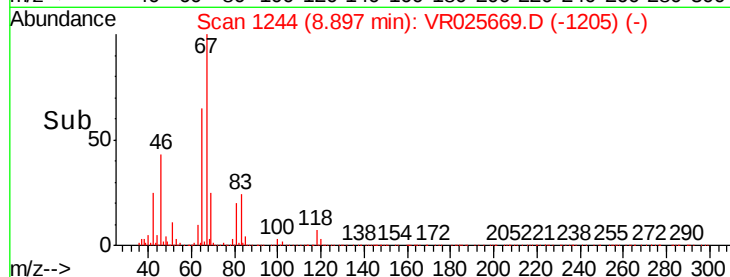
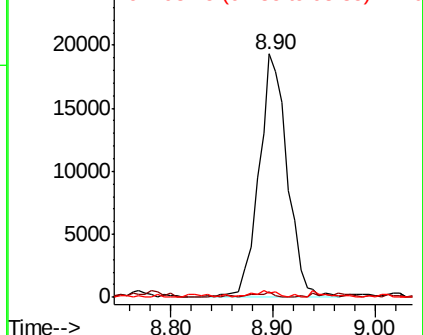
#35
Methylcyclohexane
Concen: 0.72 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025669.D
Acq: 5 Sep 2018 14:37

Instrument :
MSVOA_R
ClientSampleId :
E5FA6

Tot Ion: 83 Resp: 37184
Ion Ratio Lower Upper
83 100
55 1.3 56.7 85.1#
98 2.3 35.8 53.8#

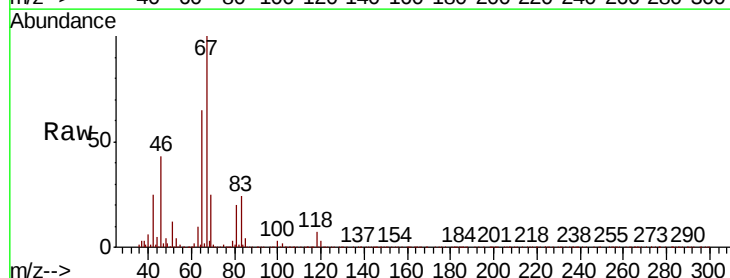


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

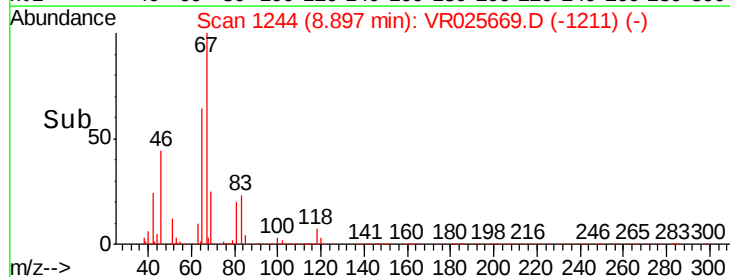
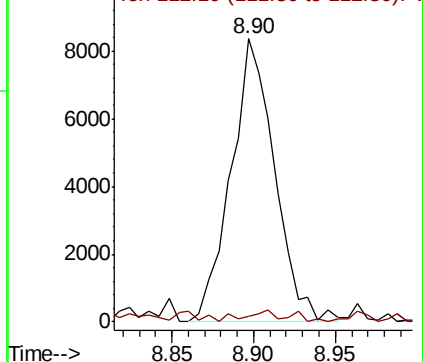


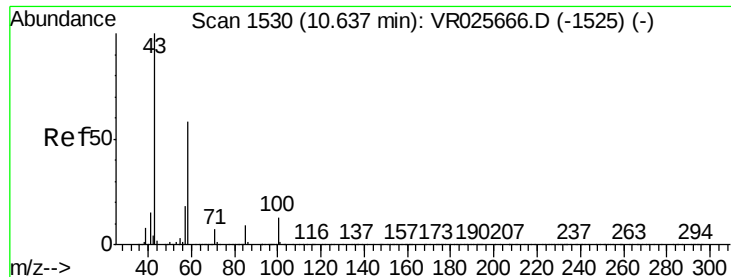
#37
1,2-Dichloropropane
Concen: 0.51 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025669.D
Acq: 5 Sep 2018 14:37

Tgt Ion: 63 Resp: 15587
Ion Ratio Lower Upper
63 100
112 3.1 2.5 3.7



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





#48

2-Hexanone

Concen: 3.17 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025669.D

Acq: 5 Sep 2018 14:37

Instrument :

MSVOA_R

ClientSampleId :

E5FA6

Tot Ion: 43 Resp: 16240

Ion Ratio Lower Upper

43 100

58 32.5 46.4 69.6#

57 39.9 14.3 21.5#

100 6.0 8.8 13.2#

