

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025578.D
 Acq On : 7 Aug 2018 16:05
 Operator : SY/MD
 Sample : J4358-12
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX3

Quant Time: Aug 08 02:01:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 02:00:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	494582	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	425598	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	150479	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	107840	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	2.64	69	104671	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	3.64	63	199881	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	6.60	46	136242	53.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	7.21	84	236279	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	7.90	65	85021	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	7.86	84	497468	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	8.90	67	141660	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	9.97	98	449074	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	10.24	79	30238	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	10.59	63	143648	58.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68815	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	135919	5.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.20%

Target Compounds

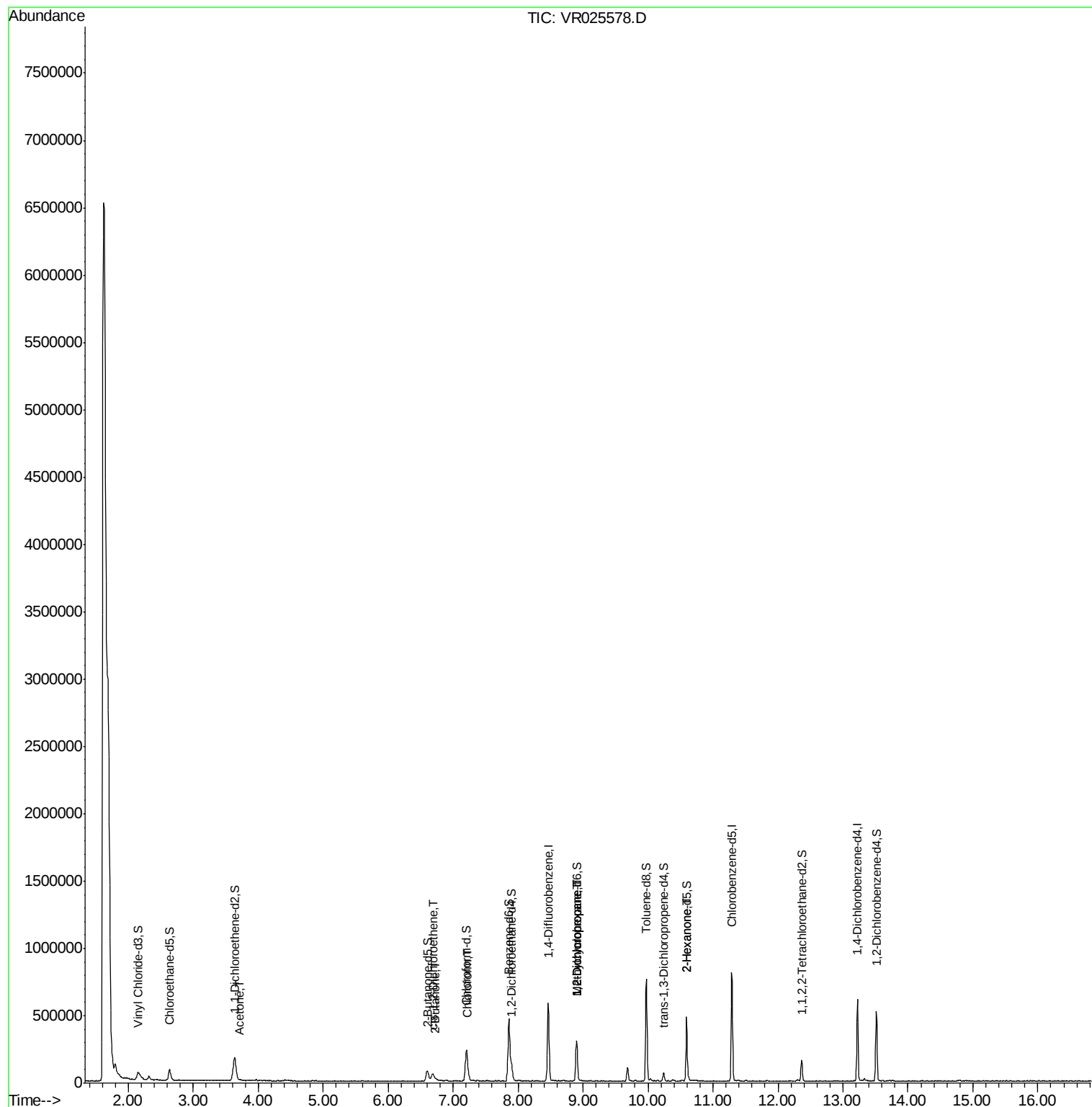
					Qvalue
13) Acetone	3.72	43	4219	1.982 ug/L	83
21) 2-Butanone	6.73	43	655	0.221 ug/L	99
22) cis-1,2-Dichloroethene	6.69	96	26932	0.872 ug/L #	85
25) Chloroform	7.23	83	23138	0.472 ug/L	98
35) Methylcyclohexane	8.90	83	34377	0.699 ug/L #	23
37) 1,2-Dichloropropane	8.90	63	14557	0.526 ug/L #	95
48) 2-Hexanone	10.59	43	17231	3.276 ug/L #	68

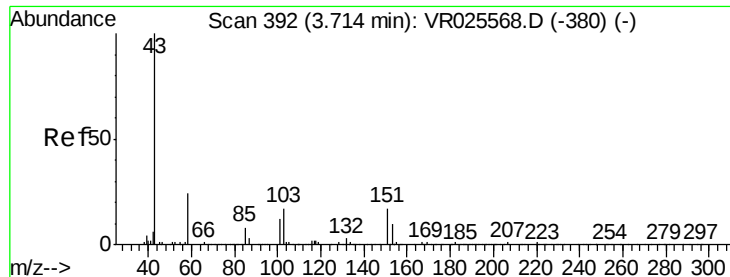
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 08 02:00:36 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.982 ug/L

RT: 3.72 min Scan# 393

Delta R.T. 0.01 min

Lab File: VR025578.D

Acq: 7 Aug 2018 16:05

Instrument :

MSVOA_R

ClientSampleId :

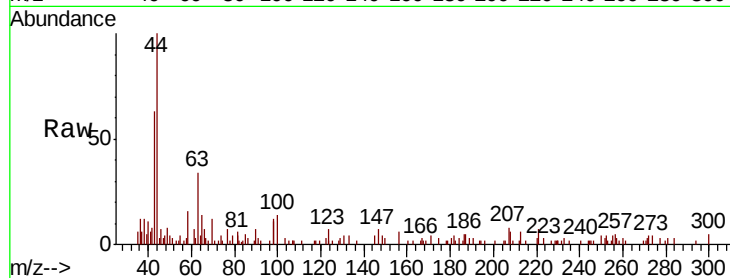
ESWX3

Tgt Ion: 43 Resp: 4219

Ion Ratio Lower Upper

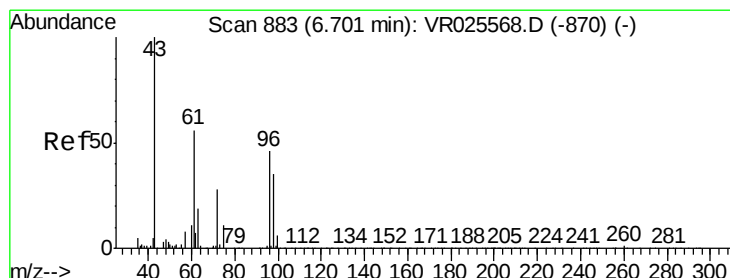
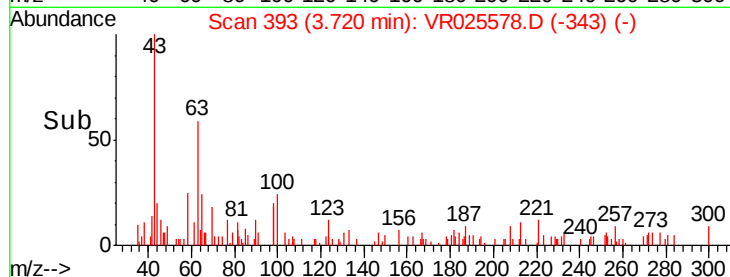
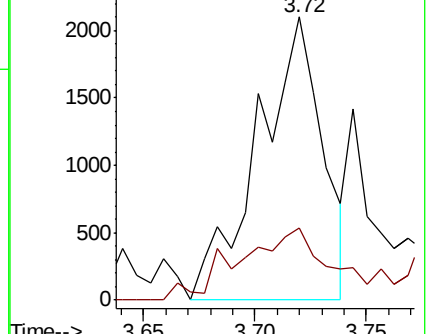
43 100

58 35.4 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.221 ug/L

RT: 6.73 min Scan# 888

Delta R.T. 0.04 min

Lab File: VR025578.D

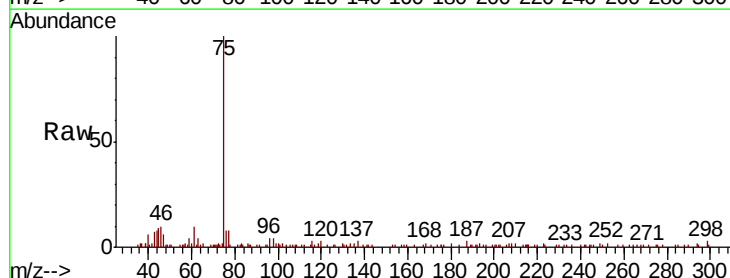
Acq: 7 Aug 2018 16:05

Tgt Ion: 43 Resp: 655

Ion Ratio Lower Upper

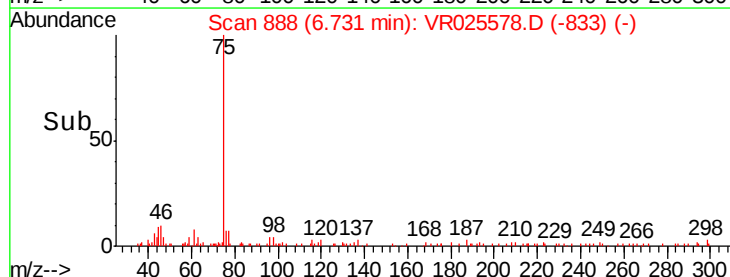
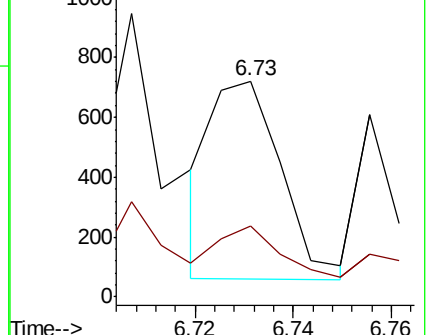
43 100

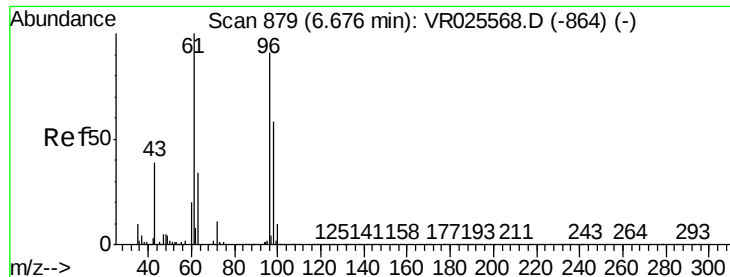
72 25.8 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



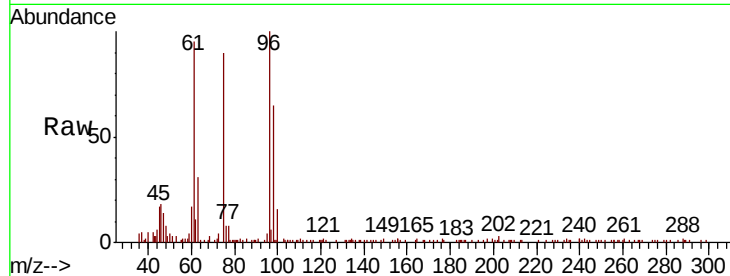


#22

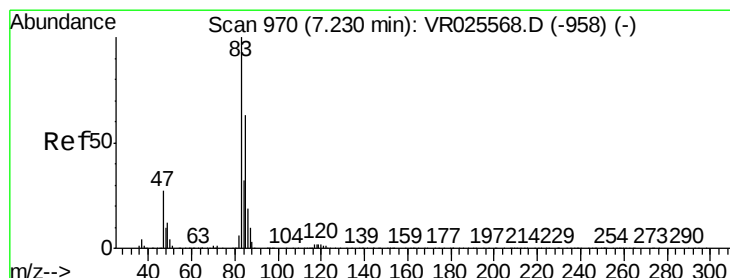
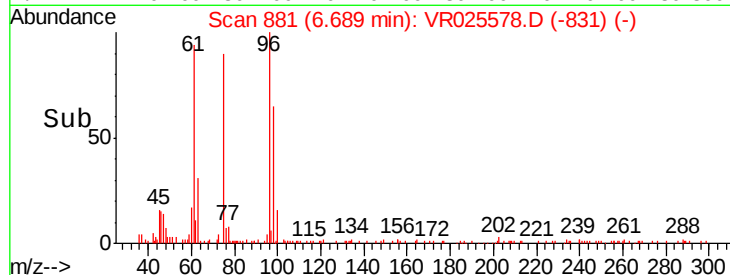
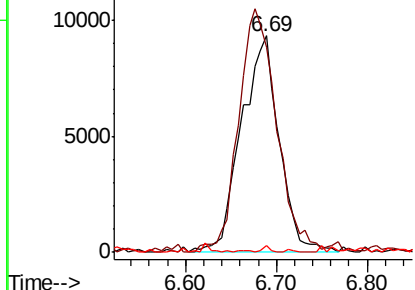
cis-1,2-Dichloroethene
Concen: 0.872 ug/L
RT: 6.69 min Scan# 881
Delta R.T. 0.01 min
Lab File: VR025578.D
Acq: 7 Aug 2018 16:05

Instrument :
MSVOA_R
ClientSampled :
ESWX3

Tgt Ion: 96 Resp: 26932
Ion Ratio Lower Upper
96 100
61 94.6 77.7 144.3
68 3.4 0.0 0.0#



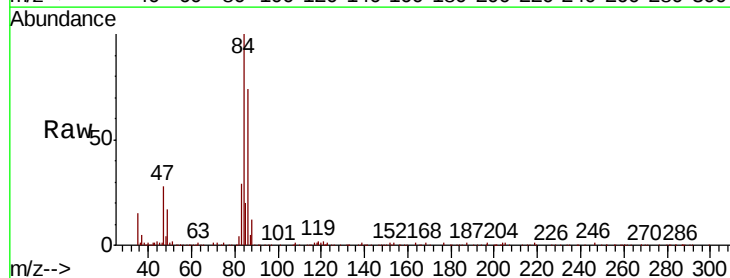
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



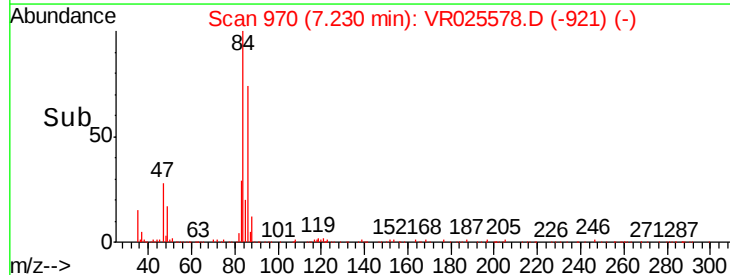
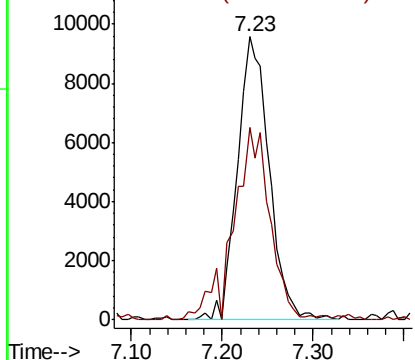
#25

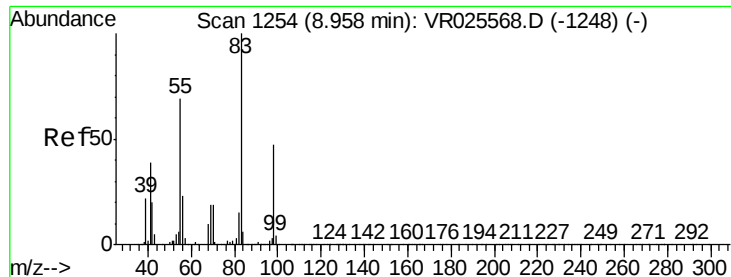
Chloroform
Concen: 0.472 ug/L
RT: 7.23 min Scan# 970
Delta R.T. 0.00 min
Lab File: VR025578.D
Acq: 7 Aug 2018 16:05

Tgt Ion: 83 Resp: 23138
Ion Ratio Lower Upper
83 100
85 68.0 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VR0
Ion 85.00 (84.70 to 85.70): VR0

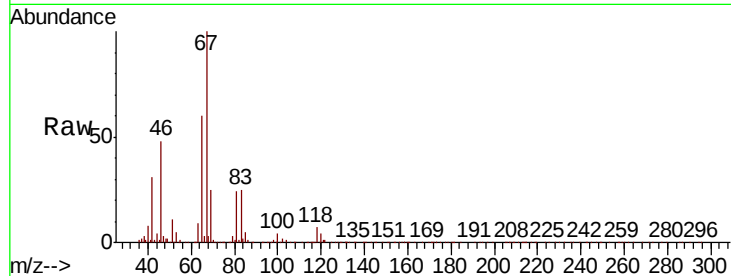




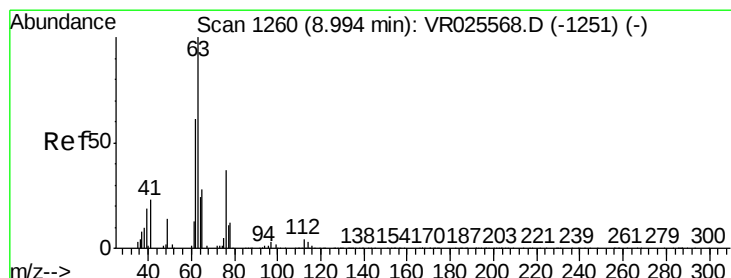
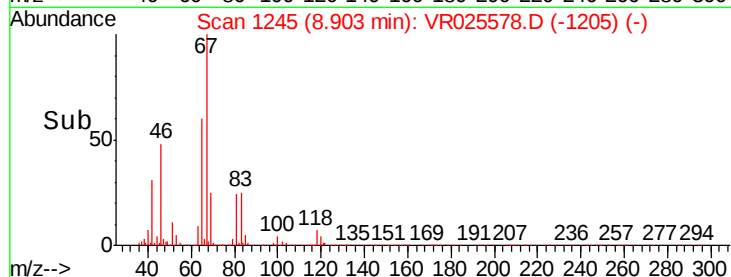
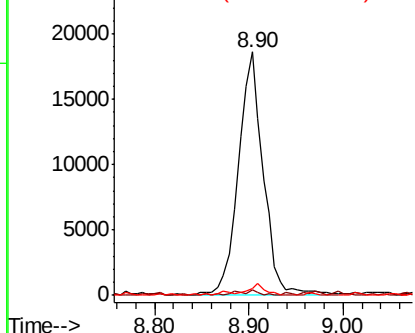
#35
Methylcyclohexane
Concen: 0.699 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025578.D
Acq: 7 Aug 2018 16:05

Instrument :
MSVOA_R
ClientSampleId :
ESWX3

Tgt Ion: 83 Resp: 34377
Ion Ratio Lower Upper
83 100
55 2.1 58.3 87.5#
98 3.3 37.8 56.6#

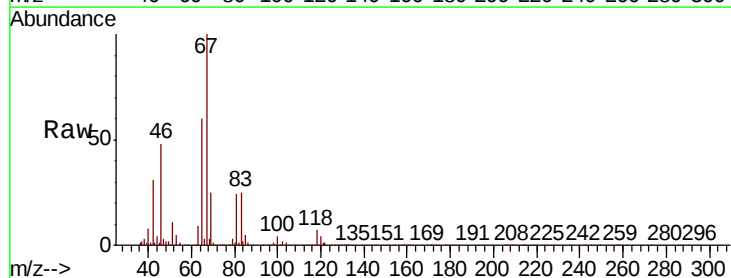


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

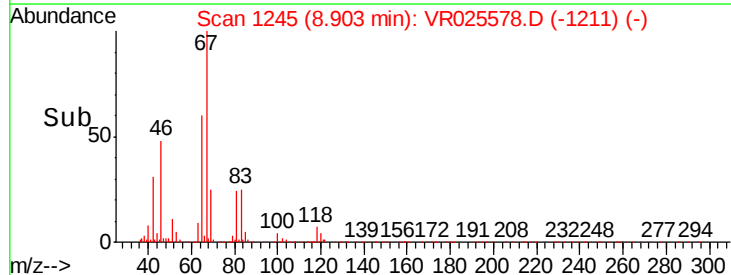
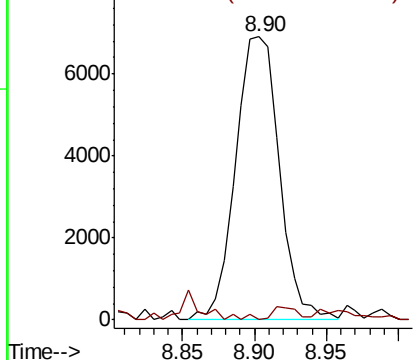


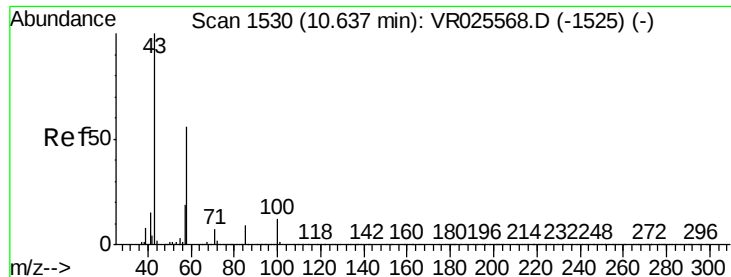
#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025578.D
Acq: 7 Aug 2018 16:05

Tgt Ion: 63 Resp: 14557
Ion Ratio Lower Upper
63 100
112 2.5 3.3 4.9#



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





#48

2-Hexanone

Concen: 3.276 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025578.D

Acq: 7 Aug 2018 16:05

Instrument :

MSVOA_R

ClientSampleId :

ESWX3

Tgt Ion: 43 Resp: 17231

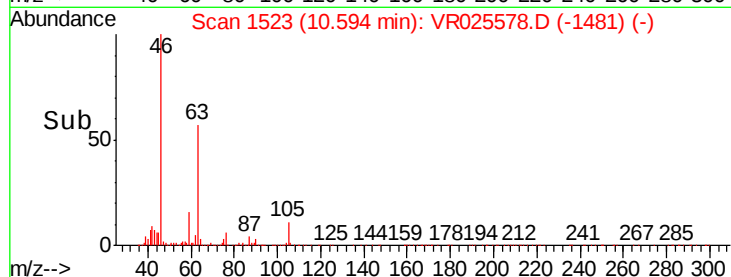
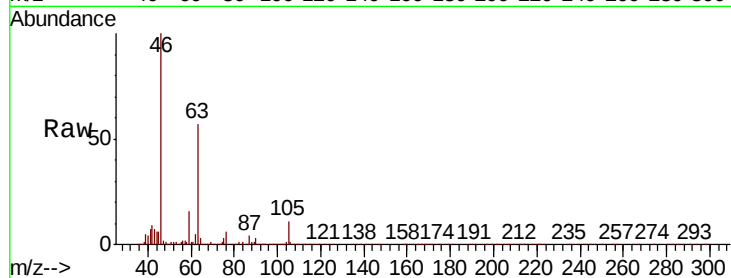
Ion Ratio Lower Upper

43 100

58 29.1 45.0 67.6#

57 31.3 15.8 23.6#

100 5.3 9.3 13.9#



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

