

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025608.D
 Acq On : 9 Aug 2018 15:57
 Operator : SY/MD
 Sample : J4358-07DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW7DL

Quant Time: Aug 10 07:21:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	520933	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	457321	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	156298	4.84	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	2.63	69	113821	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	3.63	63	275476	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	6.60	46	173997	65.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.44%#
24) Chloroform-d	7.21	84	285406	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	7.90	65	105670	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	7.86	84	620334	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	8.90	67	168946	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	9.97	98	568873	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	10.24	79	36855	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	10.59	63	171457	65.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.30%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77384	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	150627	6.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	132.20%#

Target Compounds

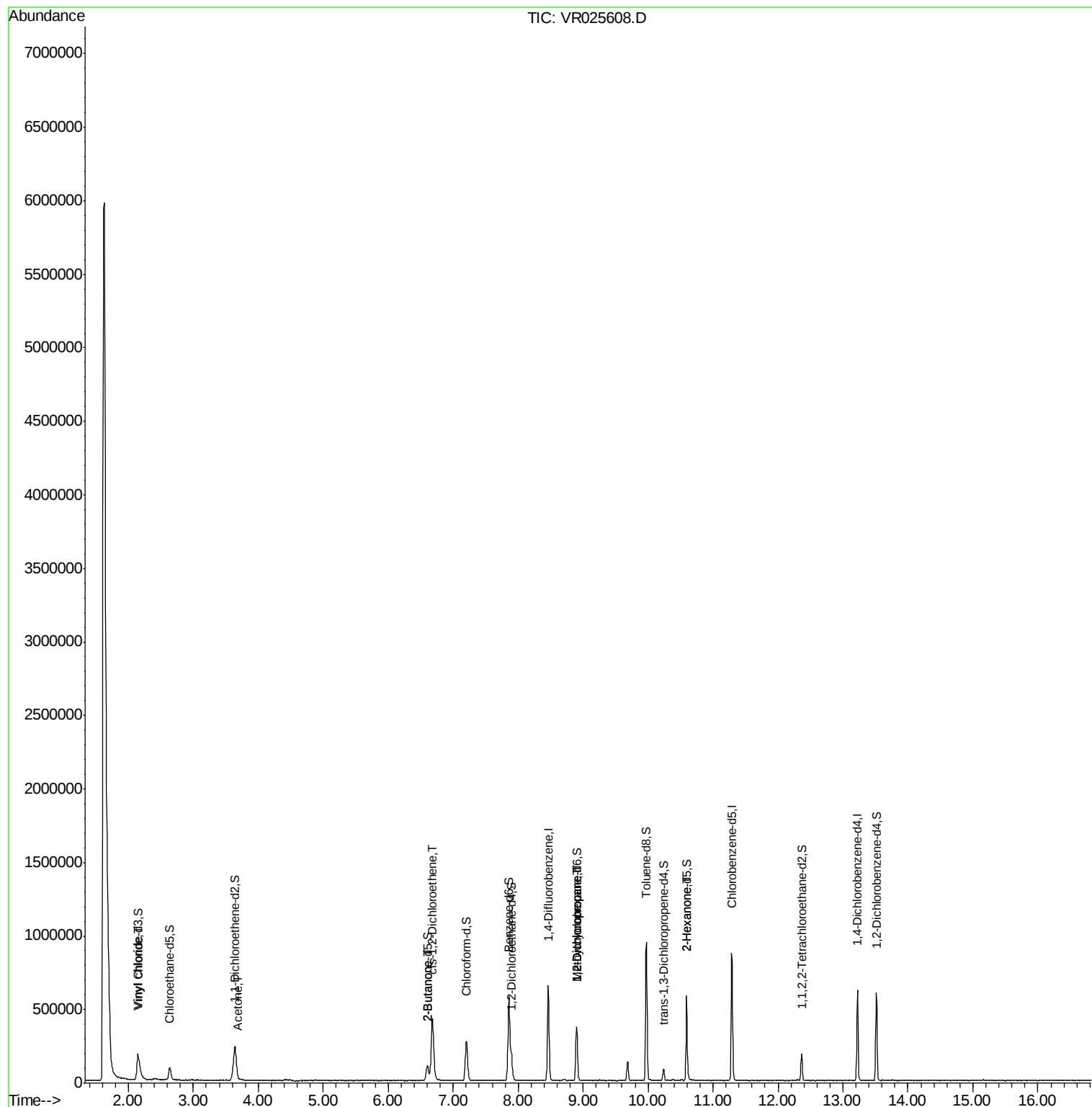
					Qvalue
5) Vinyl chloride	2.15	62	195474	4.966 ug/L	99
13) Acetone	3.69	43	826	0.368 ug/L	80
21) 2-Butanone	6.60	43	1185	0.380 ug/L	92
22) cis-1,2-Dichloroethene	6.68	96	268797	8.258 ug/L #	96
35) Methylcyclohexane	8.90	83	39176	0.741 ug/L #	21
37) 1,2-Dichloropropane	8.90	63	17003	0.572 ug/L #	96
48) 2-Hexanone	10.59	43	20879	3.694 ug/L #	68

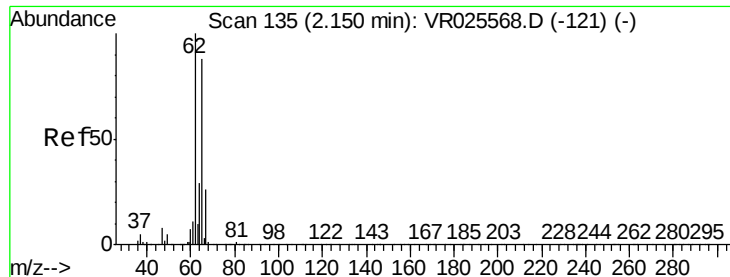
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.966 ug/L

RT: 2.15 min Scan# 135

Delta R.T. -0.01 min

Lab File: VR025608.D

Acq: 9 Aug 2018 15:57

Instrument :

MSVOA_R

ClientSampleId :

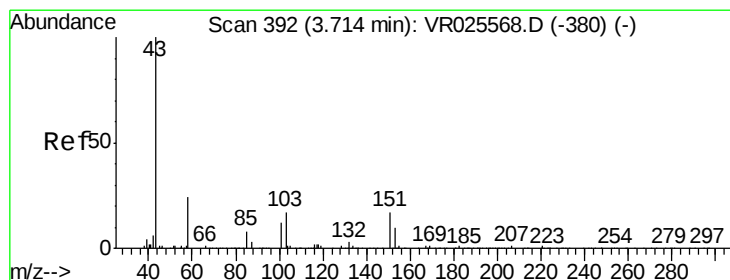
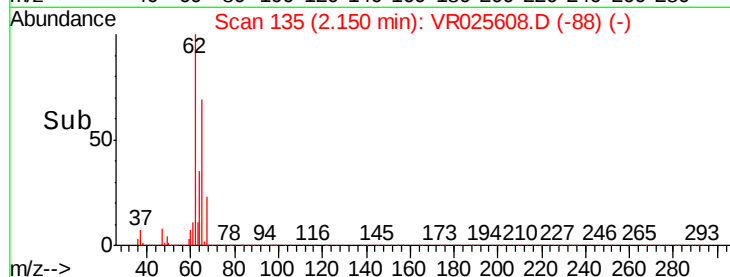
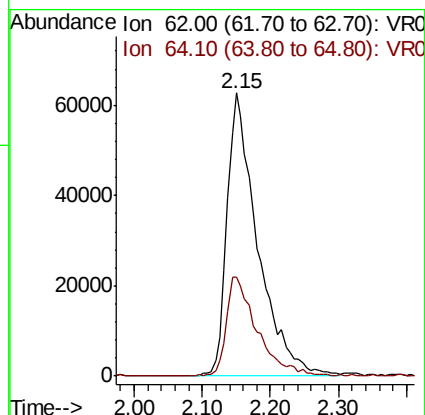
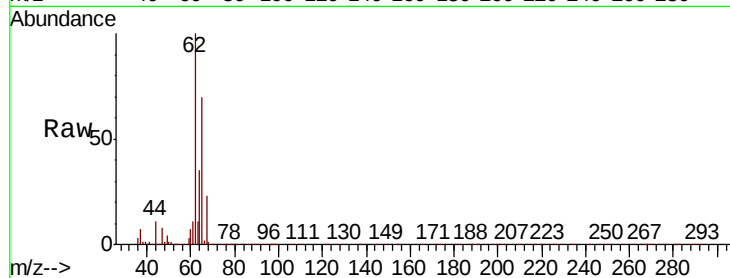
ESWW7DL

Tgt Ion: 62 Resp: 195474

Ion Ratio Lower Upper

62 100

64 34.9 24.1 44.8



#13

Acetone

Concen: 0.368 ug/L

RT: 3.69 min Scan# 388

Delta R.T. -0.02 min

Lab File: VR025608.D

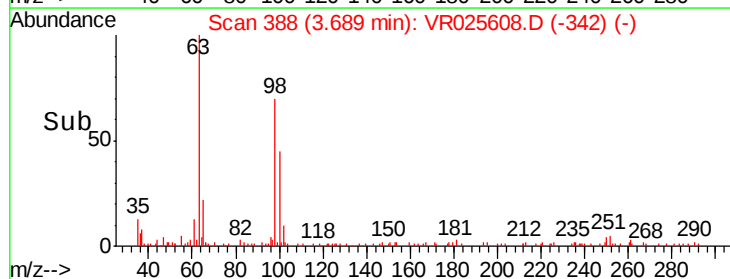
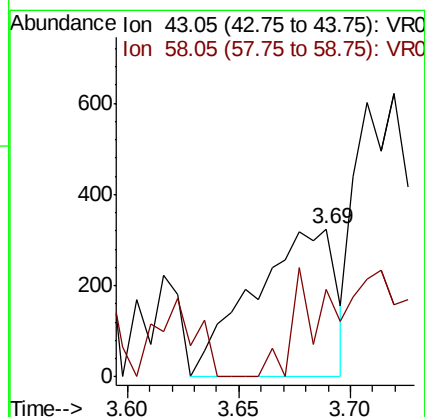
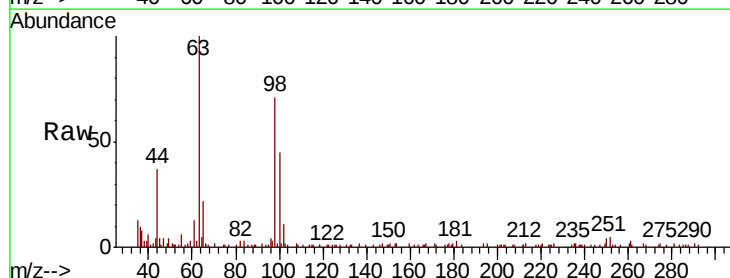
Acq: 9 Aug 2018 15:57

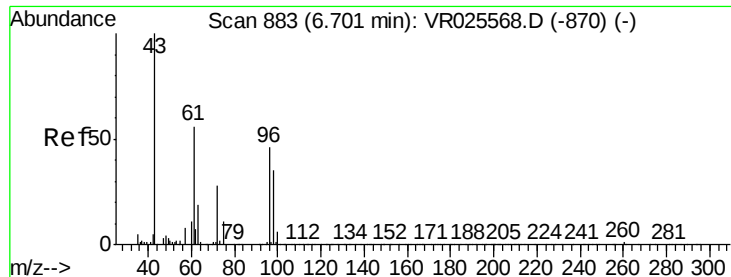
Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

58 16.3 0.0 53.4





#21

2-Butanone

Concen: 0.380 ug/L

RT: 6.60 min Scan# 867

Delta R.T. -0.10 min

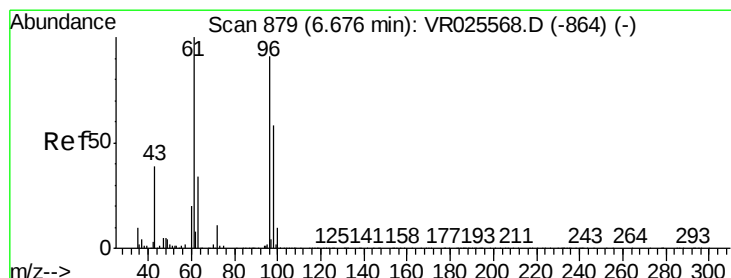
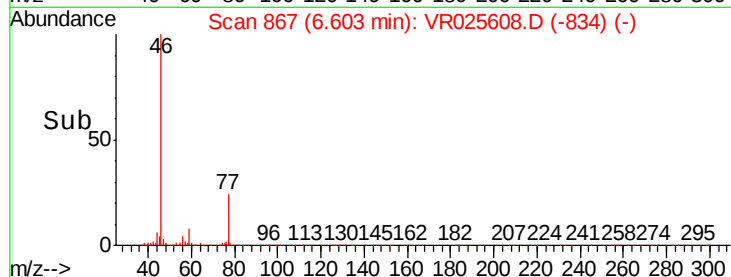
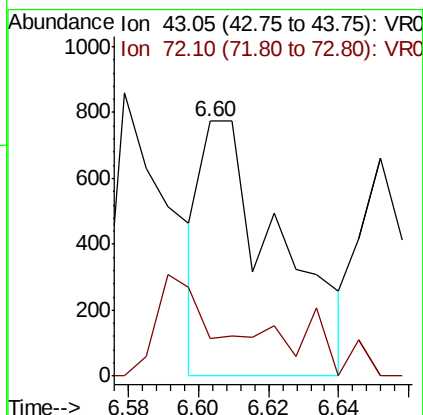
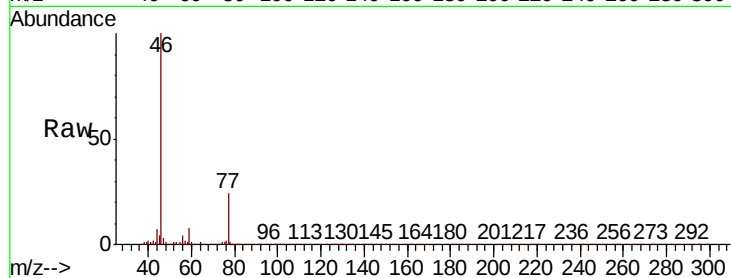
Lab File: VR025608.D

Acq: 9 Aug 2018 15:57

Instrument :
MSVOA_R
ClientSampleId :
ESWW7DL

Tgt Ion: 43 Resp: 1185

Ion	Ratio	Lower	Upper
43	100		
72	30.5	13.2	39.6



#22

cis-1,2-Dichloroethene

Concen: 8.258 ug/L

RT: 6.68 min Scan# 879

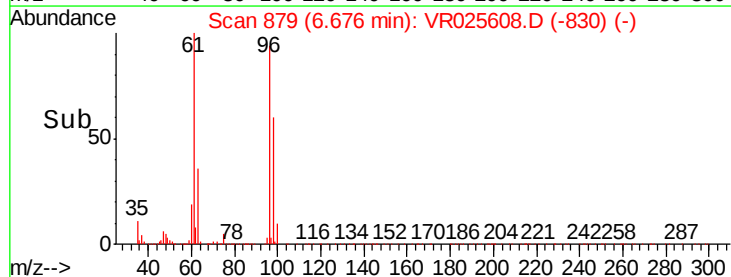
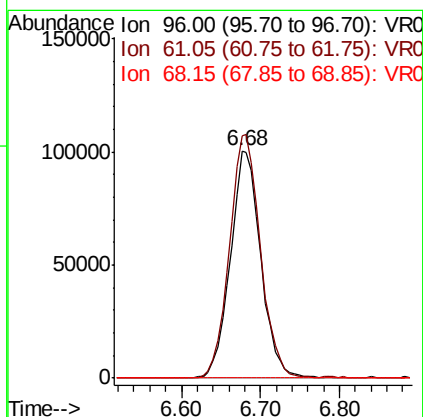
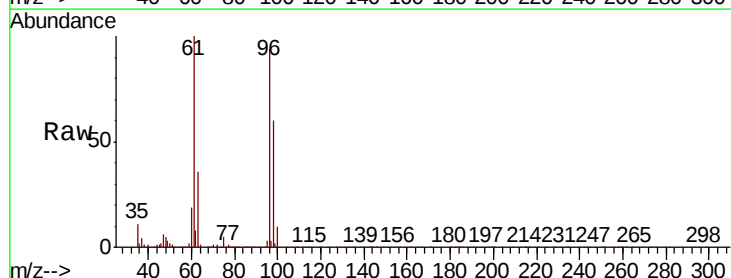
Delta R.T. -0.00 min

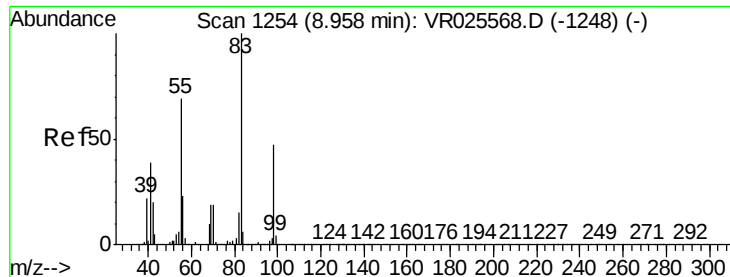
Lab File: VR025608.D

Acq: 9 Aug 2018 15:57

Tgt Ion: 96 Resp: 268797

Ion	Ratio	Lower	Upper
96	100		
61	106.9	77.7	144.3
68	0.2	0.0	0.0#

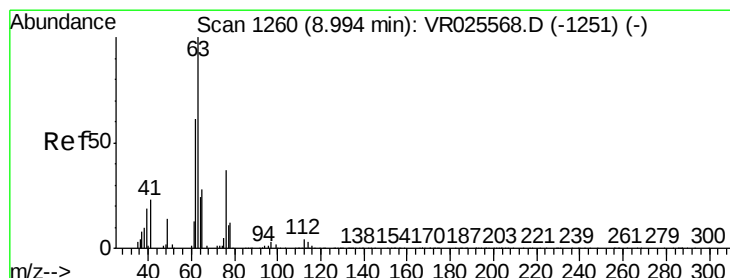
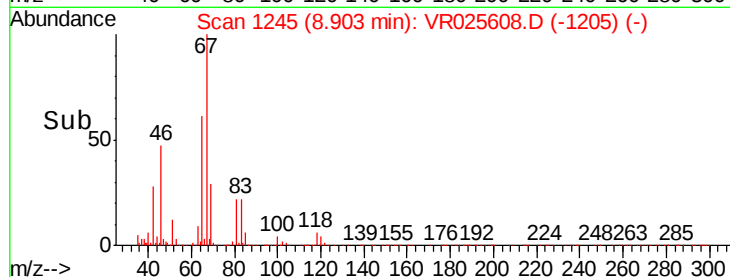
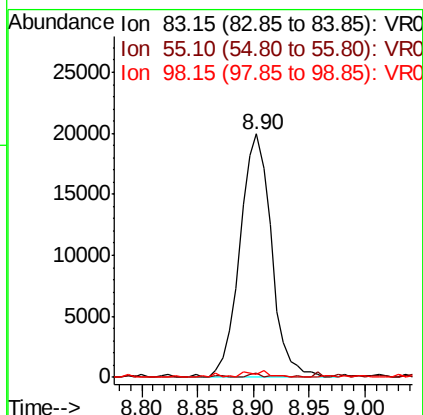
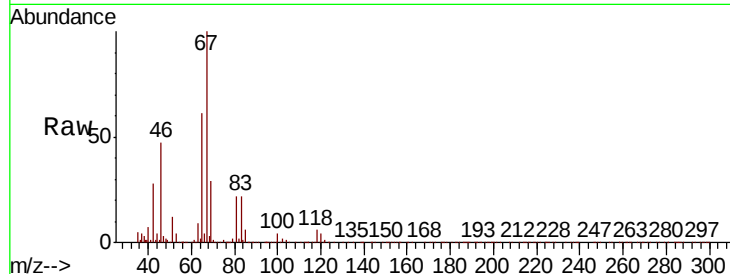




#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025608.D
Acq: 9 Aug 2018 15:57

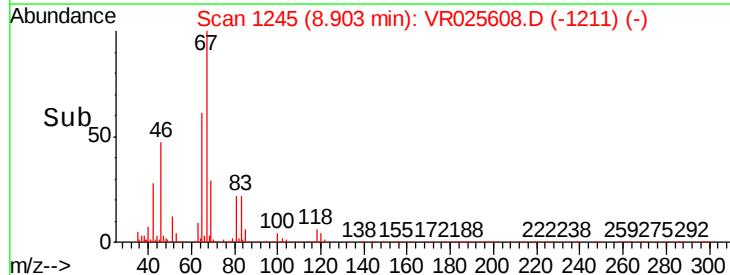
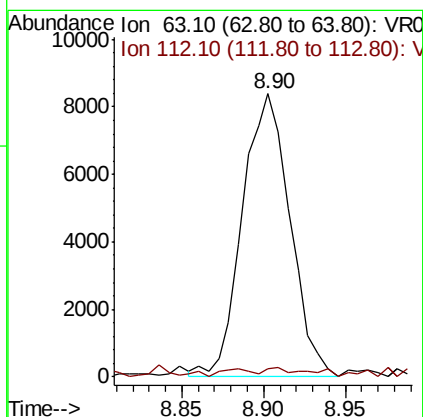
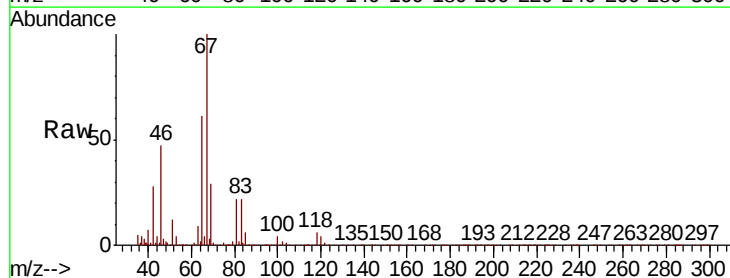
Instrument :
MSVOA_R
ClientSampled :
ESWW7DL

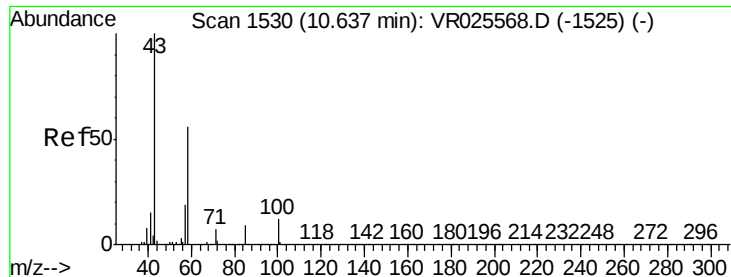
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.9	58.3	87.5#
98	1.9	37.8	56.6#



#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VR025608.D
Acq: 9 Aug 2018 15:57

Tgt Ion	Ratio	Lower	Upper
63	100		
112	2.8	3.3	4.9#





#48

2-Hexanone

Concen: 3.694 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025608.D

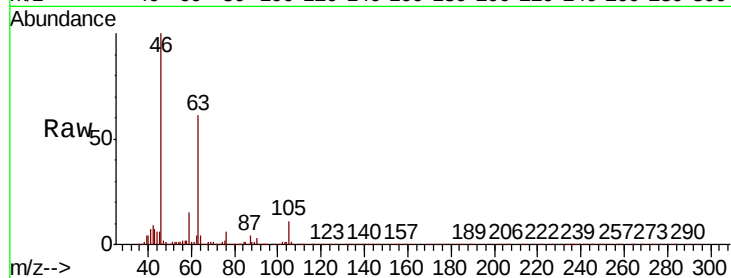
Acq: 9 Aug 2018 15:57

Instrument :

MSVOA_R

ClientSampleId :

ESWW7DL



Tgt Ion: 43 Resp: 20879

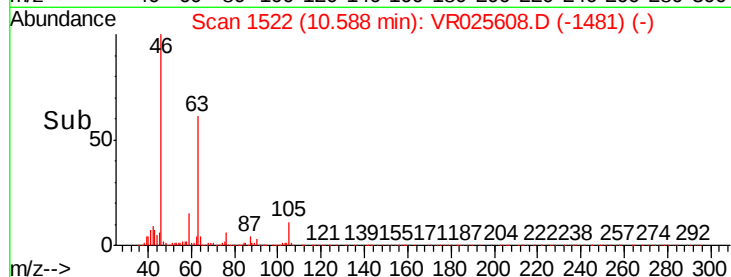
Ion Ratio Lower Upper

43 100

58 29.8 45.0 67.6#

57 33.1 15.8 23.6#

100 5.9 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

