

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR073118\
 Data File : VR025552.D
 Acq On : 31 Jul 2018 16:46
 Operator : SY/MD
 Sample : J4202-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 01 05:54:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 01 05:08:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	554753	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	483706	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	159439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	157853	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	2.64	69	128203	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	3.63	63	267535	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	6.61	46	95953	33.77	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.54%
24) Chloroform-d	7.21	84	244556	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	7.90	65	87047	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.86	84	551760	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	8.90	67	147632	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	9.97	98	517685	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	10.24	79	34048	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	10.59	63	134989	48.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71769	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	131307	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

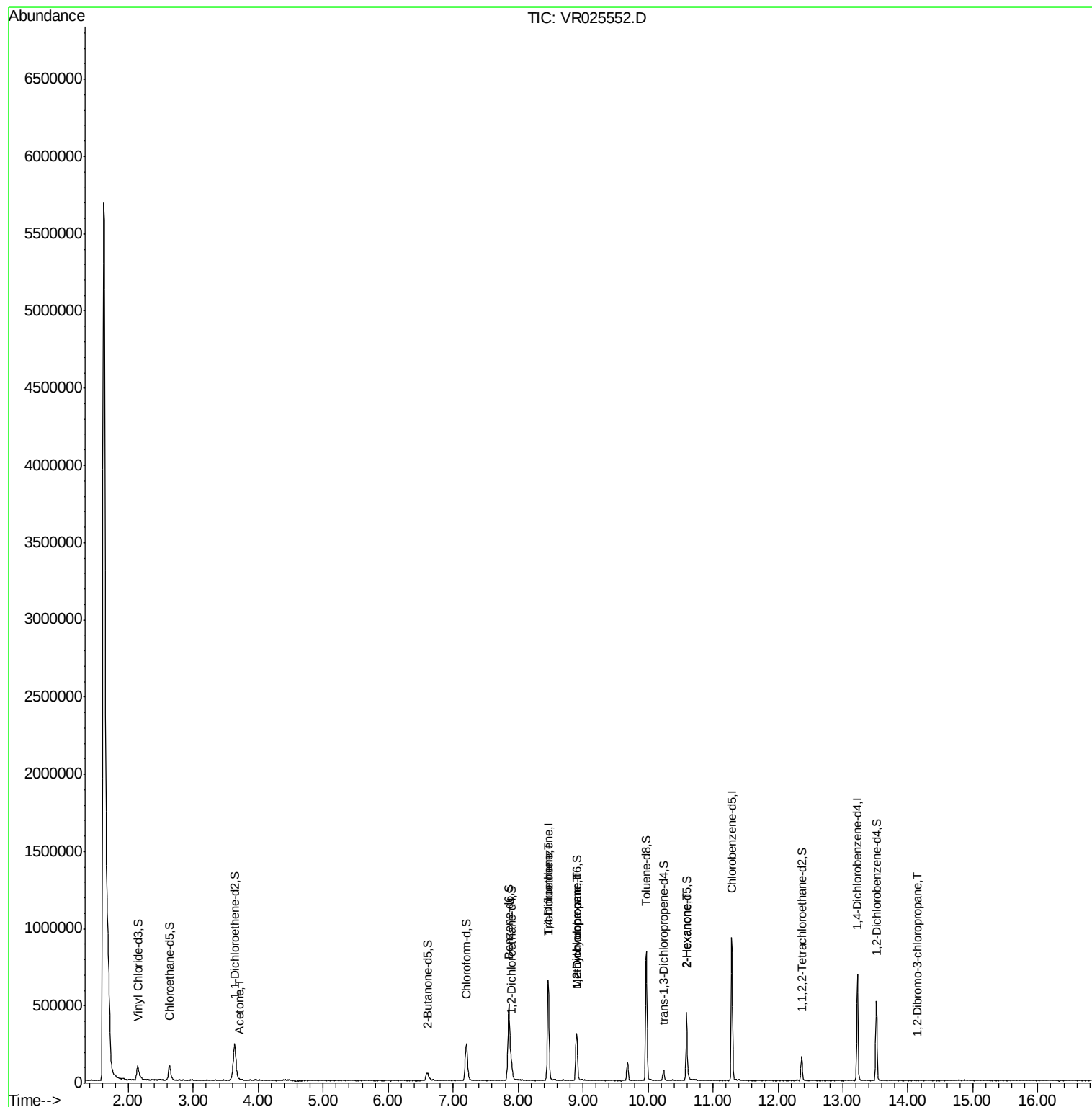
					Ovalue
13) Acetone	3.71	43	1934	0.810 ug/L	95
34) Trichloroethene	8.46	95	13826	0.372 ug/L #	6
35) Methylcyclohexane	8.90	83	34761	0.622 ug/L #	20
37) 1,2-Dichloropropane	8.90	63	14231	0.452 ug/L #	89
48) 2-Hexanone	10.59	43	17351	2.903 ug/L #	67
66) 1,2-Dibromo-3-chloropropan	14.15	75	374	0.305 ug/L #	58

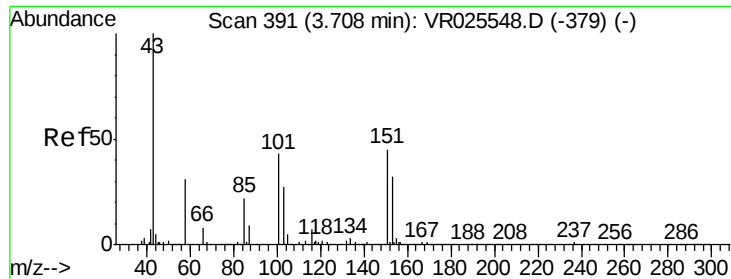
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 01 05:08:14 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.810 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.00 min

Lab File: VR025552.D

Acq: 31 Jul 2018 16:46

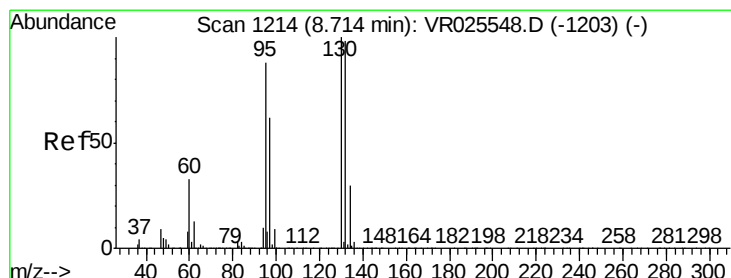
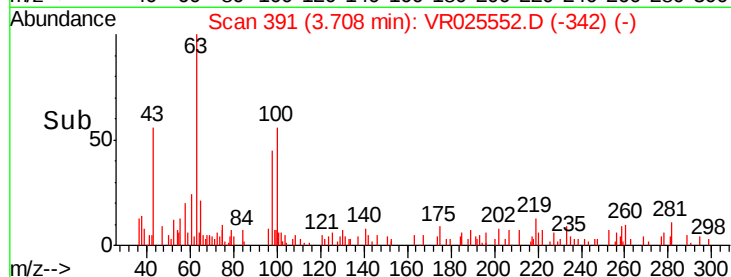
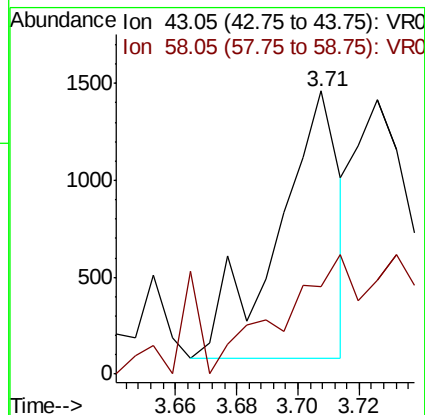
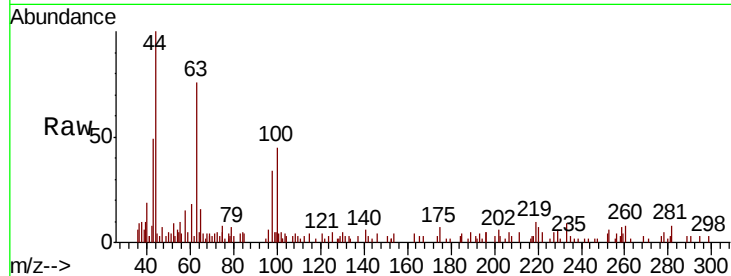
Instrument :
MSVOA_R
ClientSampleID :

Tot Ion: 43 Resp: 1934

Ion Ratio Lower Upper

43 100

58 29.3 0.0 53.4



#34

Trichloroethene

Concen: 0.372 ug/L

RT: 8.46 min Scan# 1173

Delta R.T. -0.25 min

Lab File: VR025552.D

Acq: 31 Jul 2018 16:46

Tgt Ion: 95 Resp: 13826

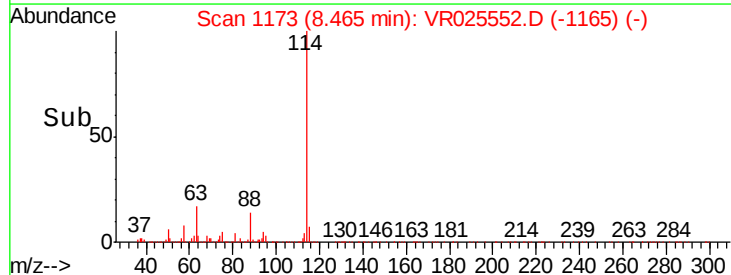
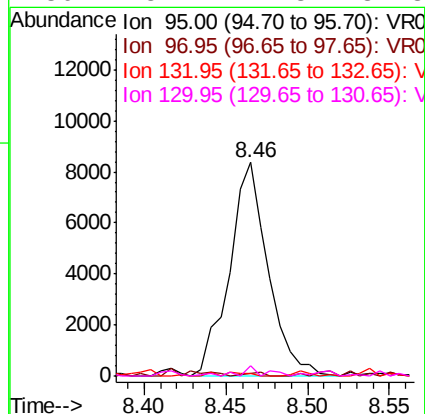
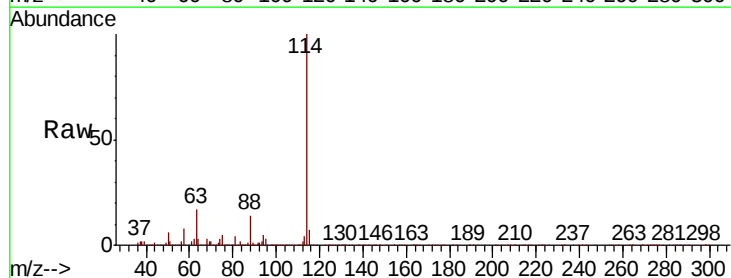
Ion Ratio Lower Upper

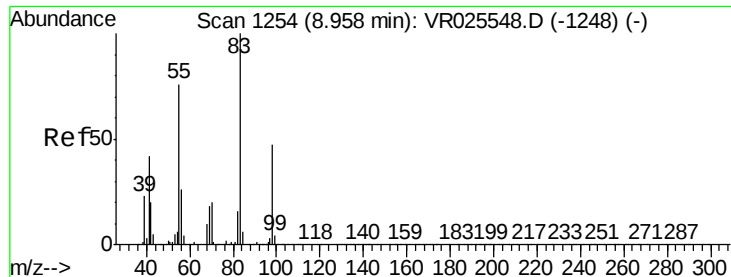
95 100

97 1.0 46.7 86.7#

132 1.0 71.7 133.1#

130 5.1 71.3 132.3#





#35

Methylcyclohexane

Concen: 0.622 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025552.D

Acq: 31 Jul 2018 16:46

Instrument :
MSVOA_R
ClientSampleId :

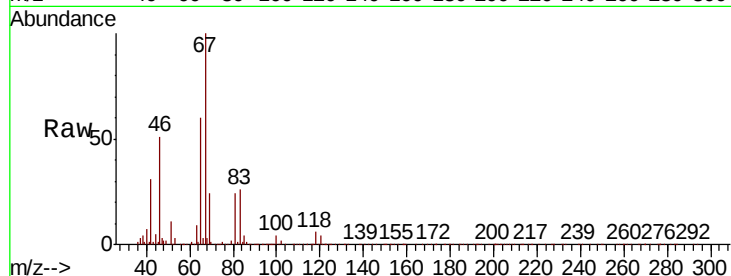
Tot Ion: 83 Resp: 34761

Ion Ratio Lower Upper

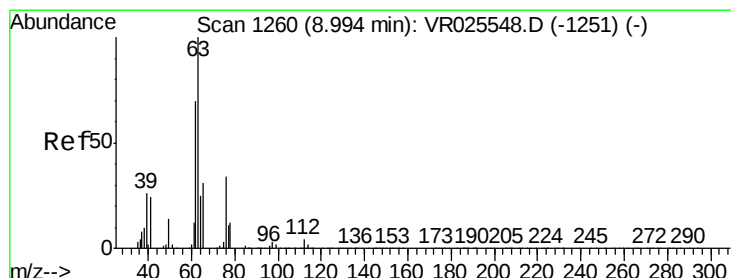
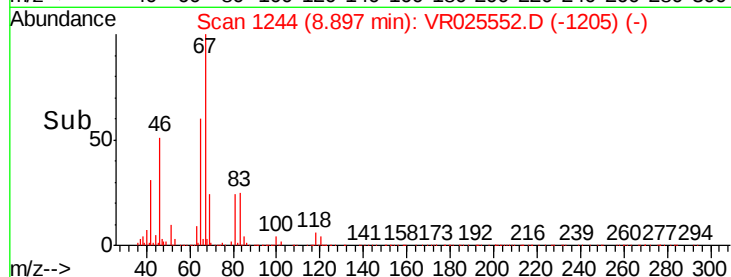
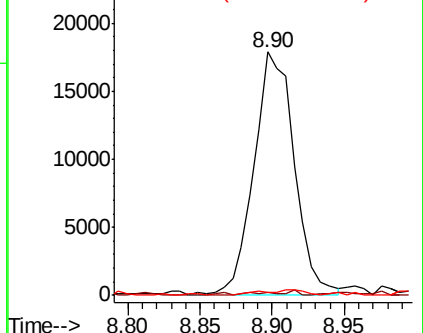
83 100

55 0.2 58.3 87.5#

98 1.3 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: 0.452 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025552.D

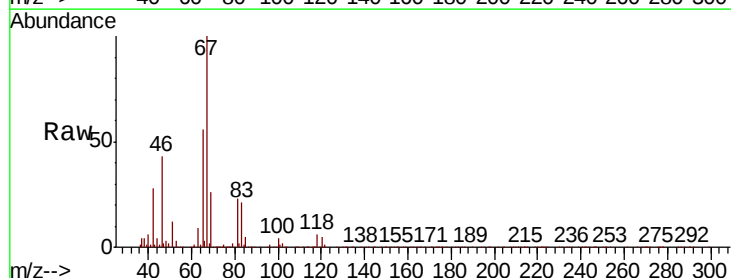
Acq: 31 Jul 2018 16:46

Tgt Ion: 63 Resp: 14231

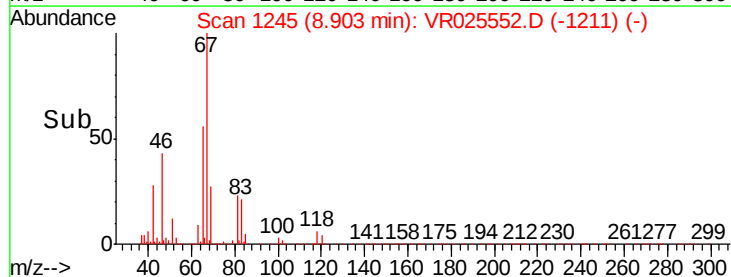
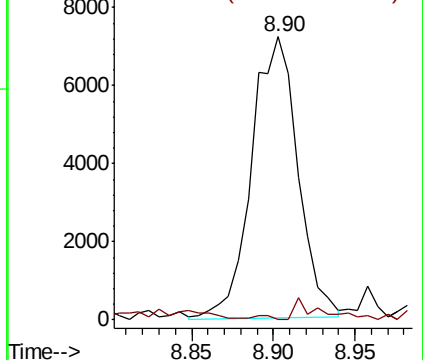
Ion Ratio Lower Upper

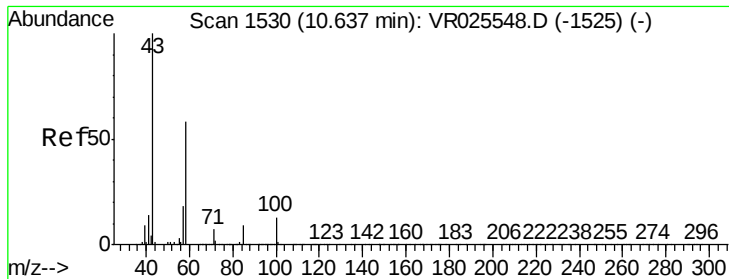
63 100

112 0.6 3.3 4.9#



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

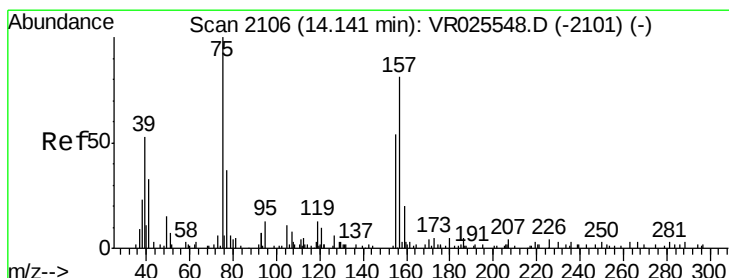
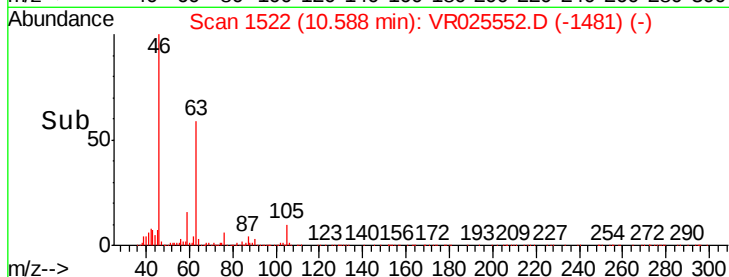
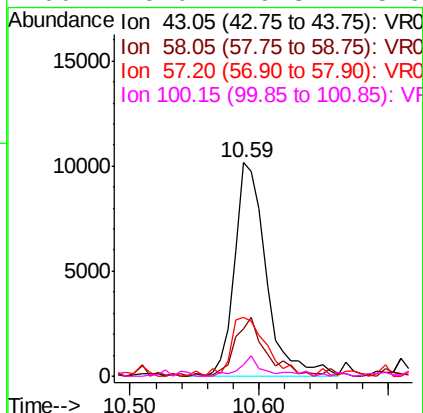
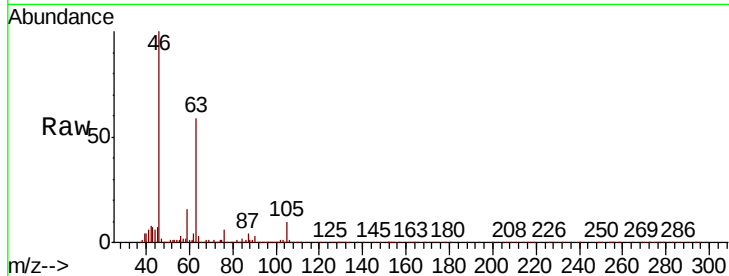




#48
2-Hexanone
Concen: 2.903 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025552.D
Acq: 31 Jul 2018 16:46

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion:	43	Resp:	17351
Ion	Ratio	Lower	Upper
43	100		
58	26.9	45.0	67.6#
57	30.9	15.8	23.6#
100	6.0	9.3	13.9#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.305 ug/L
RT: 14.15 min Scan# 2108
Delta R.T. 0.01 min
Lab File: VR025552.D
Acq: 31 Jul 2018 16:46

Tgt Ion:	75	Resp:	374
Ion	Ratio	Lower	Upper
75	100		
155	96.9	62.3	93.5#
157	29.8	67.7	101.5#

