

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091818\
 Data File : VR025762.D
 Acq On : 18 Sep 2018 19:51
 Operator : SY/MD
 Sample : J4874-22
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZB1

Quant Time: Sep 19 09:14:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 16:10:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	664018	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	575504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	166101	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	147713	4.07	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	2.63	69	121960	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	3.63	63	289460	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	6.59	46	153923	53.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	7.20	84	373260	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	7.90	65	135991	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	7.85	84	835527	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	8.90	67	234818	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	9.97	98	733592	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.23	79	43619	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	10.59	63	182351	59.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	103240	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	164358	6.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.00%#

Target Compounds

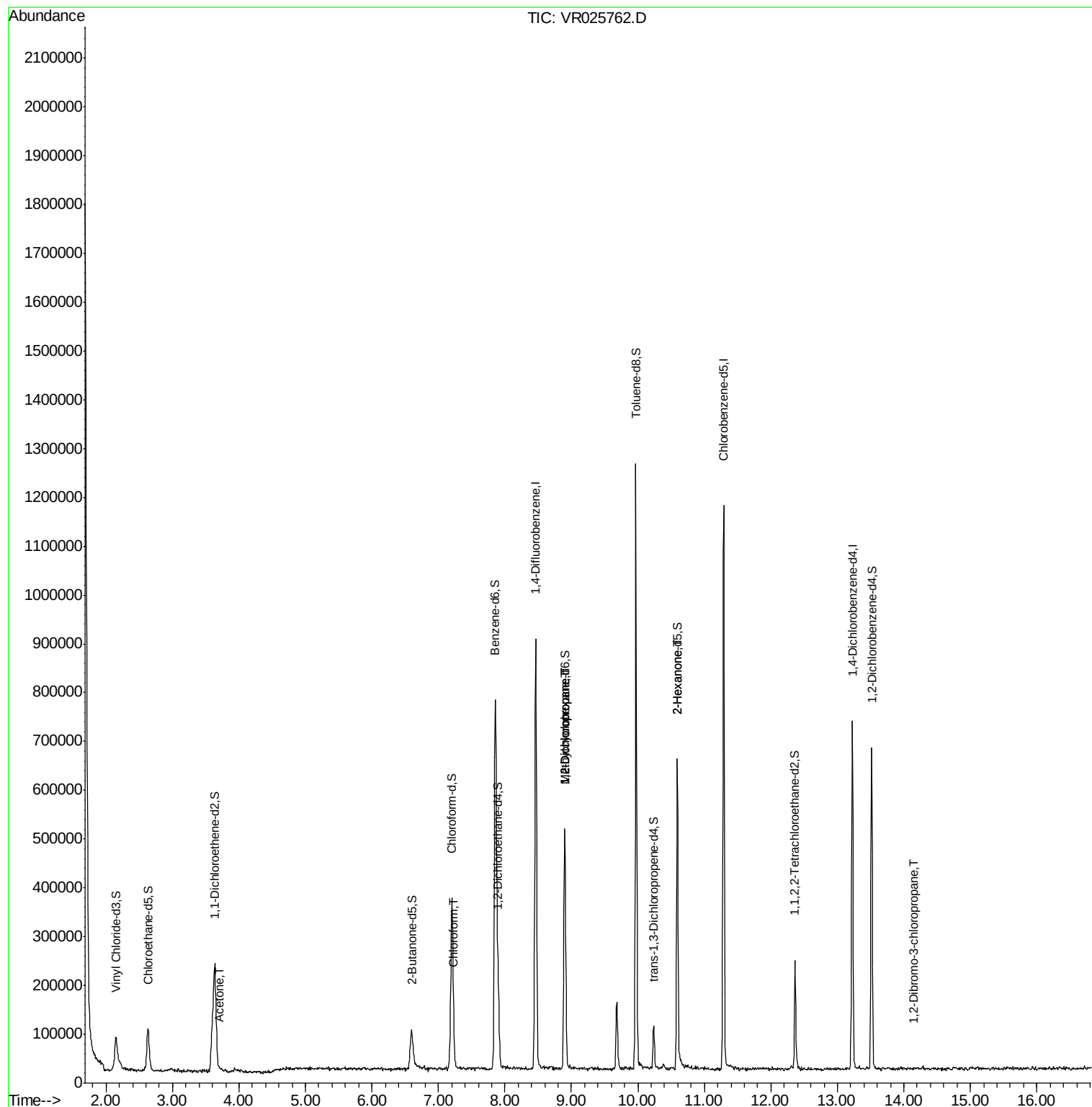
					Qvalue
13) Acetone	3.70	43	3157	1.838	ug/L 99
25) Chloroform	7.23	83	9103	0.115	ug/L 78
35) Methylcyclohexane	8.90	83	52634	0.660	ug/L # 20
37) 1,2-Dichloropropane	8.90	63	22829	0.484	ug/L # 90
48) 2-Hexanone	10.60	43	22535	2.690	ug/L # 63
66) 1,2-Dibromo-3-chloropropan	14.15	75	216	0.165	ug/L # 6

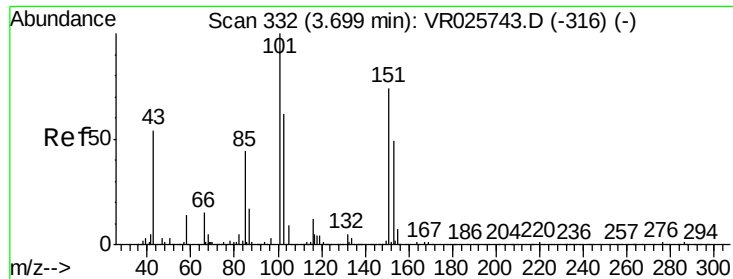
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 16:10:44 2018
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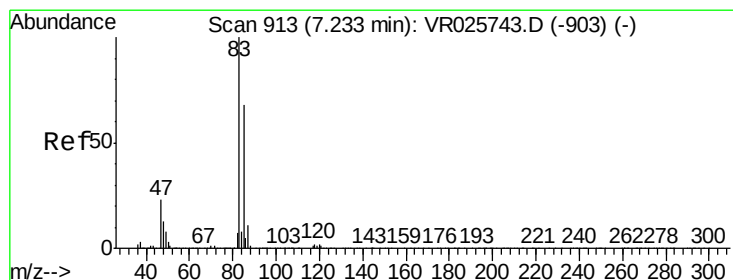
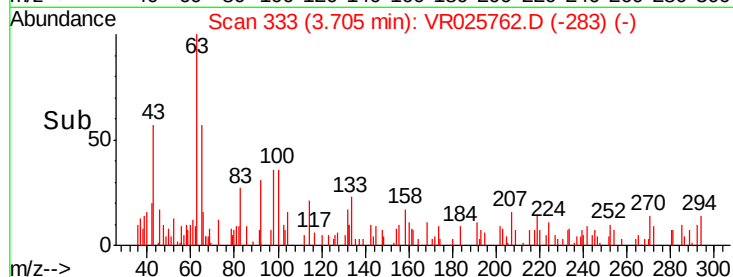
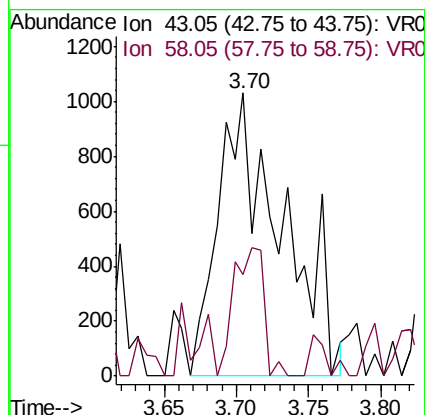
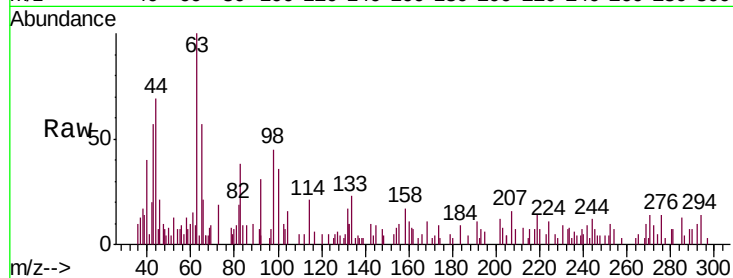




#13
Acetone
Concen: 1.838 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR025762.D
Acq: 18 Sep 2018 19:51

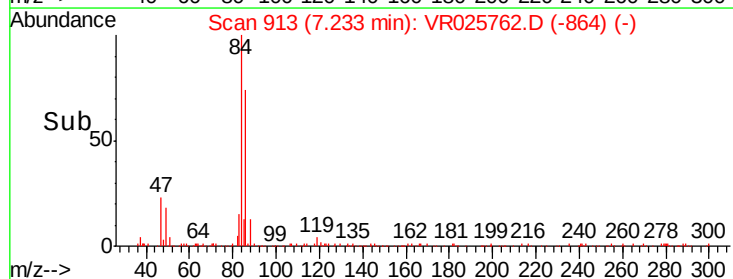
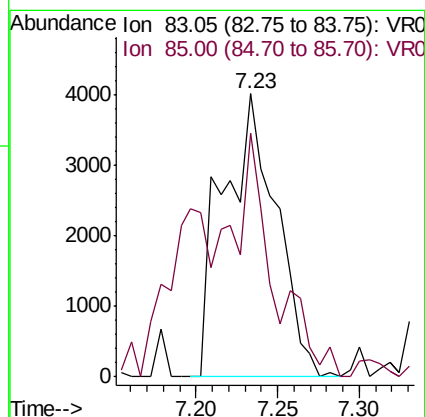
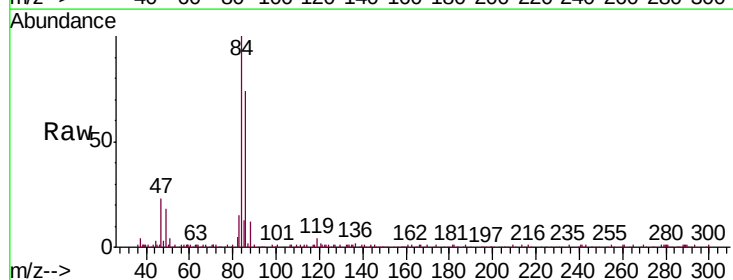
Instrument :
MSVOA_R
ClientSampled :
A3ZB1

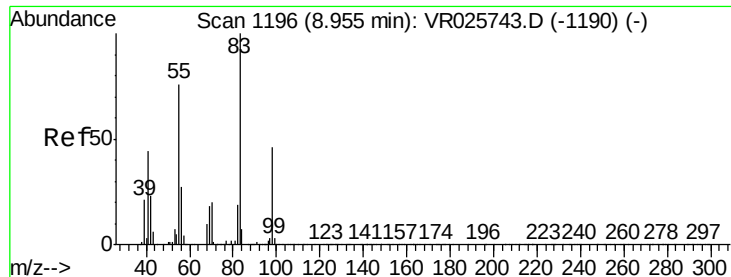
Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
58 21.7 0.0 44.2



#25
Chloroform
Concen: 0.115 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.00 min
Lab File: VR025762.D
Acq: 18 Sep 2018 19:51

Tgt Ion: 83 Resp: 9103
Ion Ratio Lower Upper
83 100
85 86.1 47.7 88.7

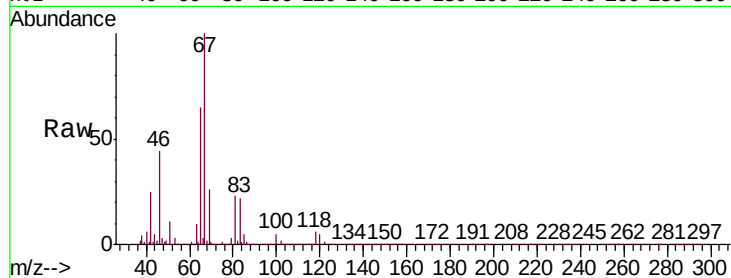




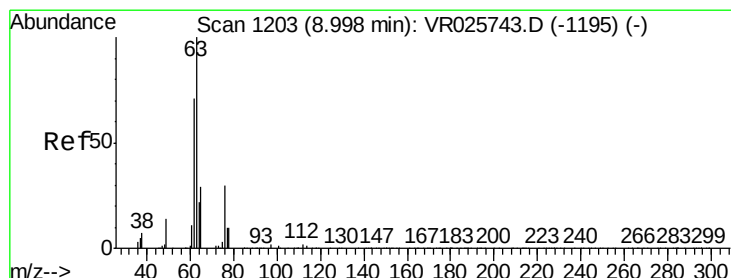
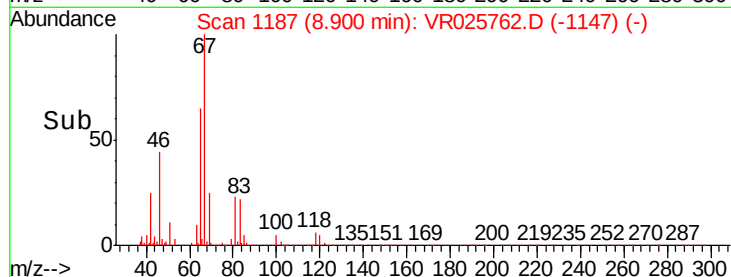
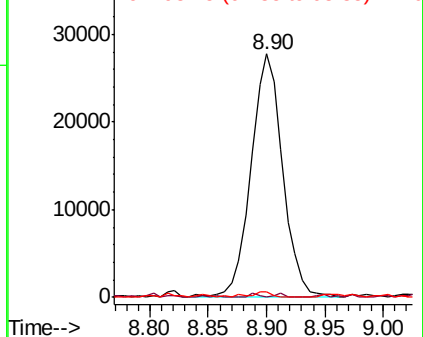
#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025762.D
Acq: 18 Sep 2018 19:51

Instrument :
MSVOA_R
ClientSampleId :
A3ZB1

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.5	60.2	90.4#
98	1.8	36.2	54.4#

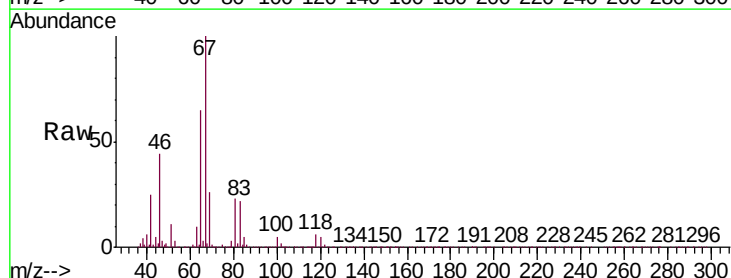


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

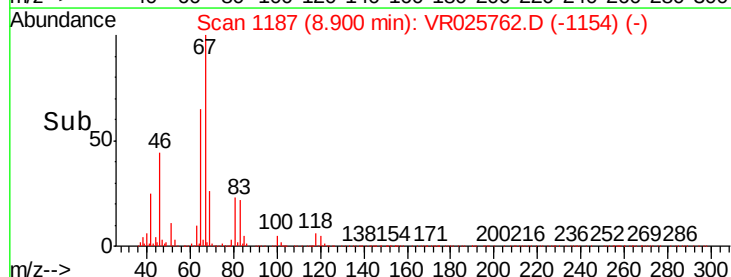
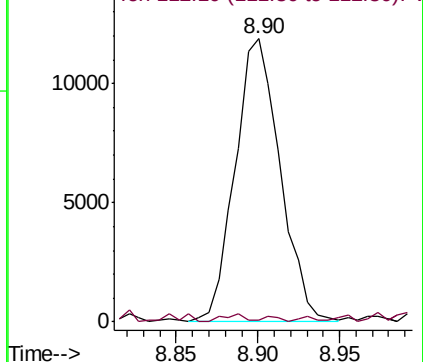


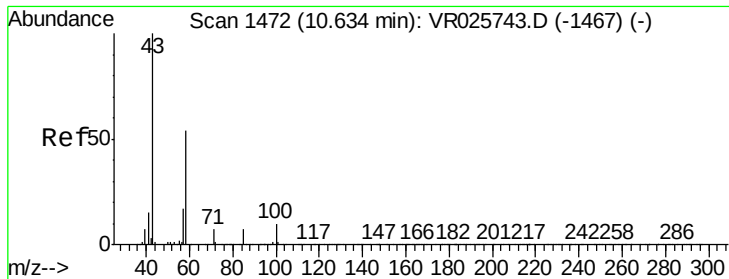
#37
1,2-Dichloropropane
Concen: 0.484 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025762.D
Acq: 18 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.3	4.9#



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

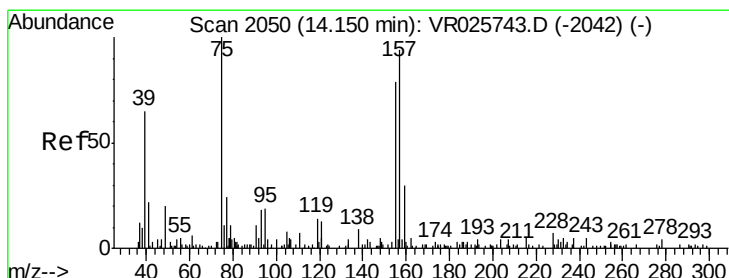
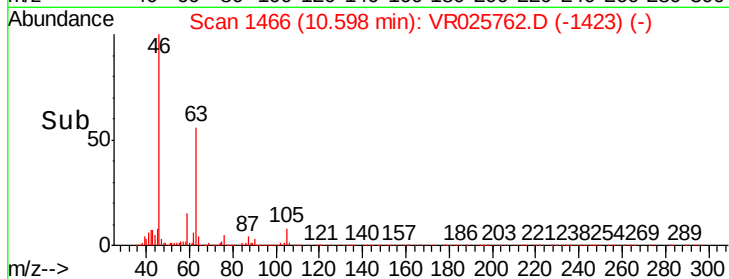
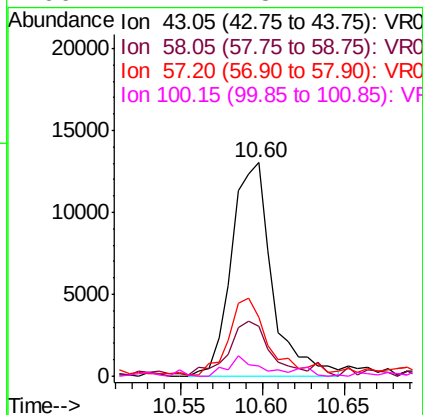
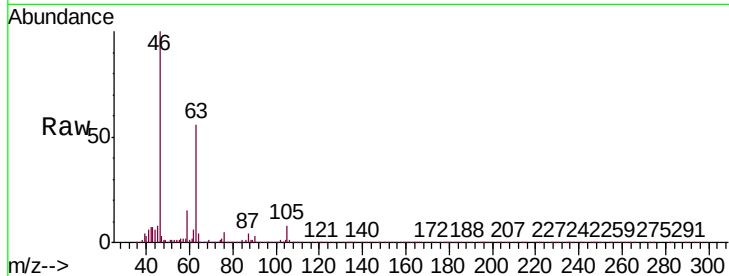




#48
2-Hexanone
Concen: 2.690 ug/L
RT: 10.60 min Scan# 1466
Delta R.T. -0.04 min
Lab File: VR025762.D
Acq: 18 Sep 2018 19:51

Instrument :
MSVOA_R
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A3ZB1

Tgt Ion: 43 Resp: 22535
Ion Ratio Lower Upper
43 100
58 26.0 44.4 66.6#
57 36.1 14.0 21.0#
100 7.4 8.2 12.2#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.165 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. 0.00 min
Lab File: VR025762.D
Acq: 18 Sep 2018 19:51

Tgt Ion: 75 Resp: 216
Ion Ratio Lower Upper
75 100
155 0.0 63.6 95.4#
157 0.0 75.0 112.6#

