

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091818\
 Data File : VR025764.D
 Acq On : 18 Sep 2018 20:57
 Operator : SY/MD
 Sample : J4874-27
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZD5

Quant Time: Sep 19 09:15:13 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	685061	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	588564	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	172179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	140604	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	2.63	69	130168	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	3.63	63	296366	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	6.60	46	158956	53.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.42%
24) Chloroform-d	7.20	84	376345	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	7.90	65	140045	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.85	84	845672	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	8.90	67	236249	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	9.97	98	728156	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	10.24	79	42975	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	10.59	63	182445	57.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.80%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	103571	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	170691	6.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.20%#

Target Compounds

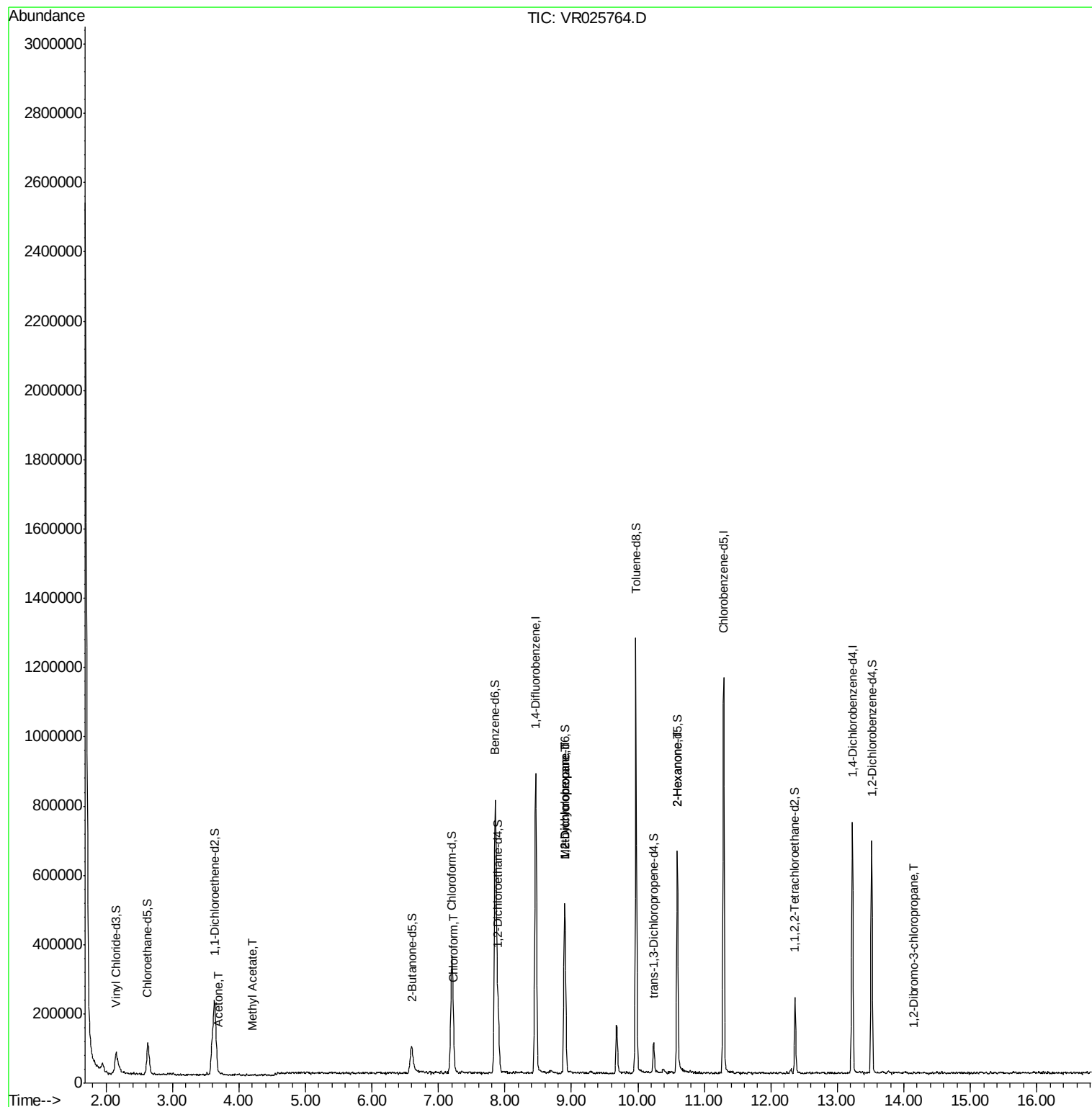
					Qvalue
13) Acetone	3.70	43	2390	1.348 ug/L	97
15) Methyl Acetate	4.20	43	694	0.096 ug/L	99
25) Chloroform	7.23	83	16025	0.196 ug/L	82
35) Methylcyclohexane	8.90	83	53230	0.653 ug/L #	21
37) 1,2-Dichloropropane	8.90	63	23695	0.491 ug/L #	93
48) 2-Hexanone	10.59	43	21848	2.550 ug/L #	76
66) 1,2-Dibromo-3-chloropropan	14.14	75	390	0.287 ug/L #	47

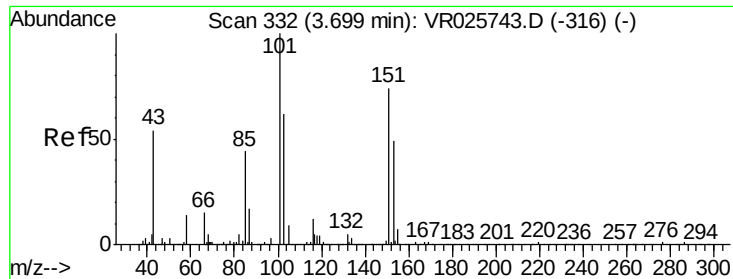
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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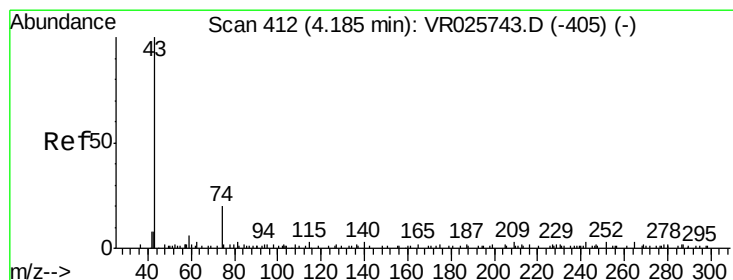
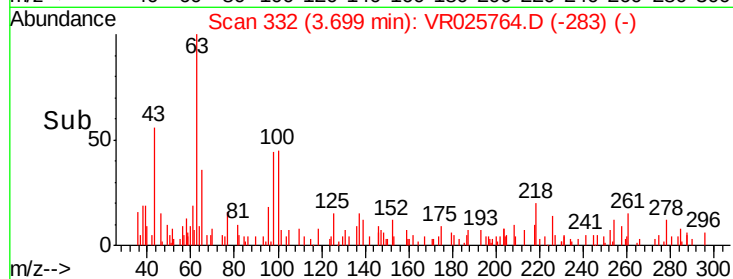
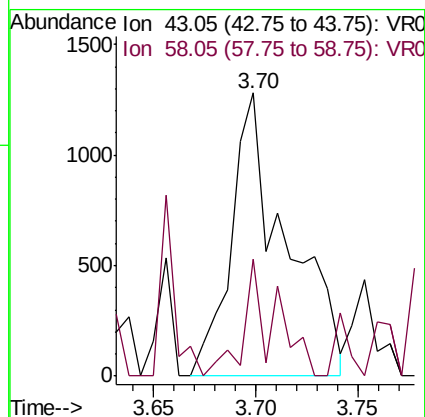
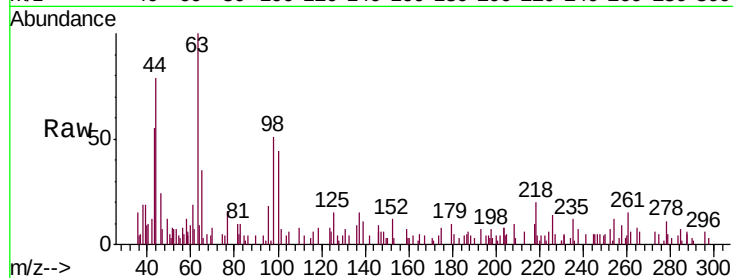




#13
Acetone
Concen: 1.348 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.00 min
Lab File: VR025764.D
Acq: 18 Sep 2018 20:57

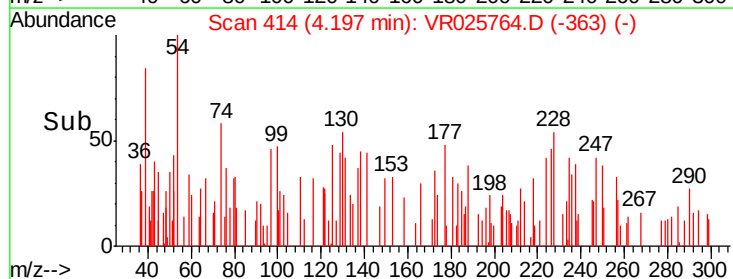
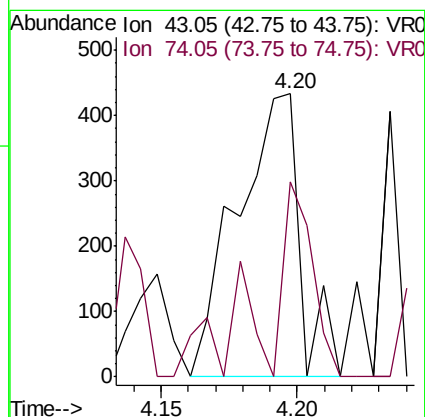
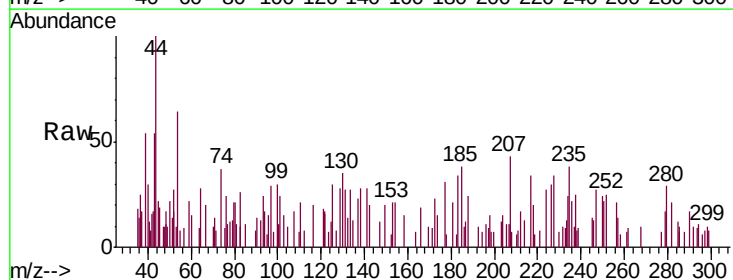
Instrument :
MSVOA_R
ClientSampleId :
A3ZD5

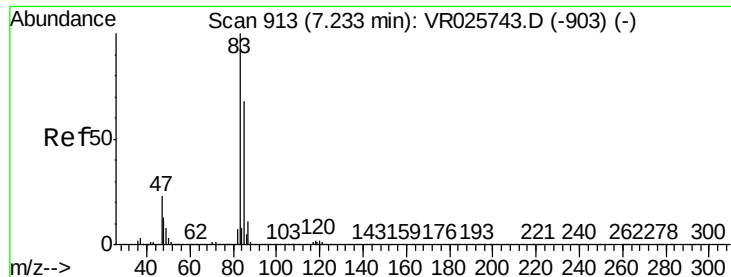
Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
58 23.5 0.0 44.2



#15
Methyl Acetate
Concen: 0.096 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR025764.D
Acq: 18 Sep 2018 20:57

Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
74 31.6 24.8 37.2

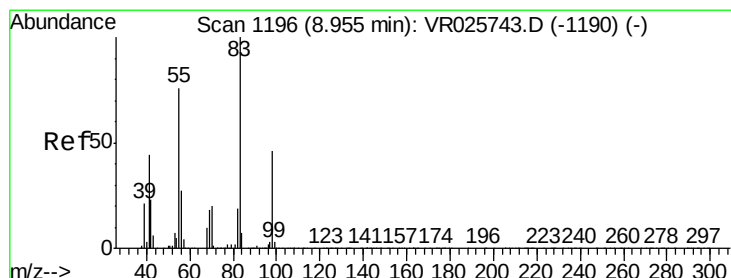
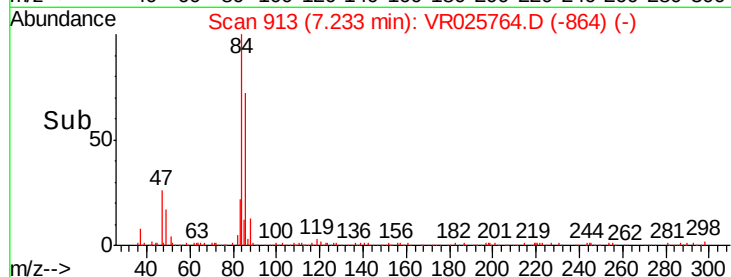
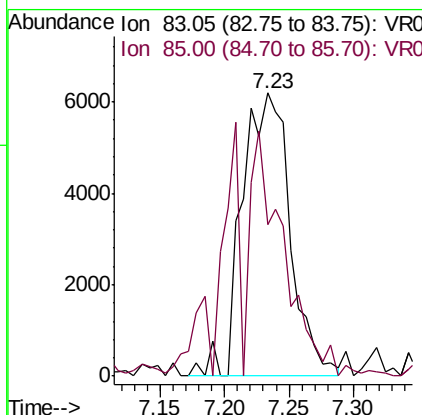
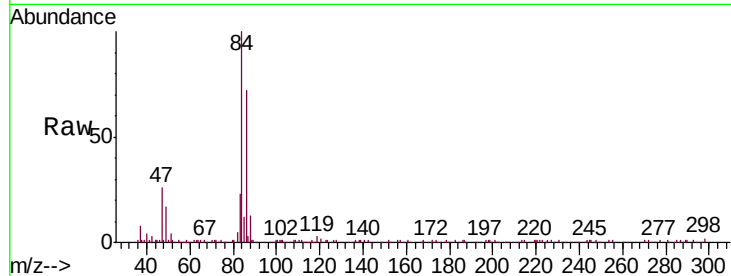




#25
Chloroform
Concen: 0.196 ug/L
RT: 7.23 min Scan# 913
Delta R.T. -0.00 min
Lab File: VR025764.D
Acq: 18 Sep 2018 20:57

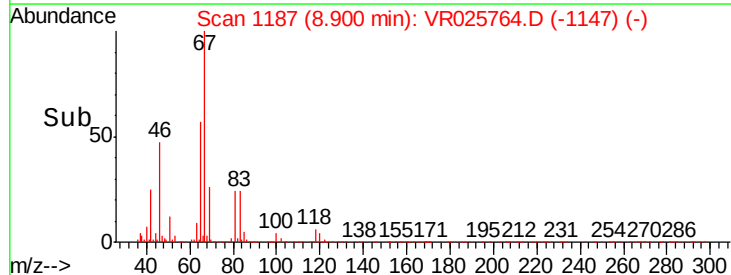
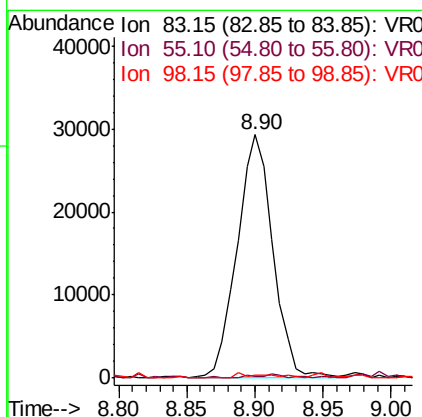
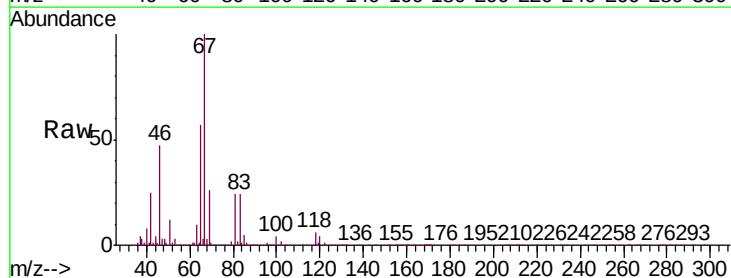
Instrument :
MSVOA_R
ClientSampleId :
A3ZD5

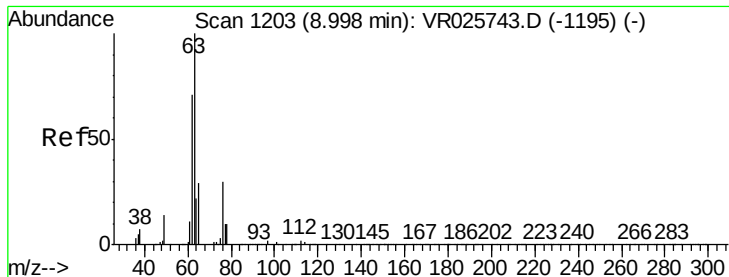
Tgt Ion: 83 Resp: 16025
Ion Ratio Lower Upper
83 100
85 53.5 47.7 88.7



#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025764.D
Acq: 18 Sep 2018 20:57

Tgt Ion: 83 Resp: 53230
Ion Ratio Lower Upper
83 100
55 1.4 60.2 90.4#
98 1.1 36.2 54.4#

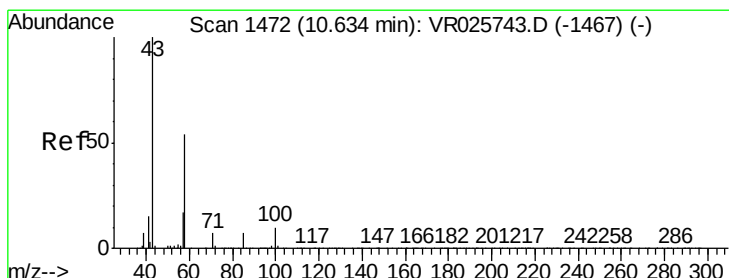
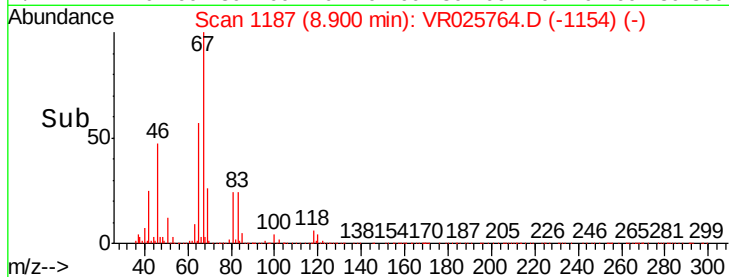
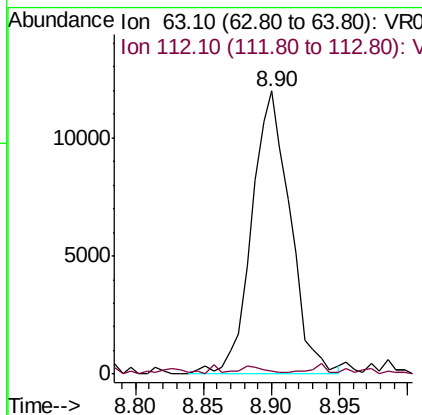
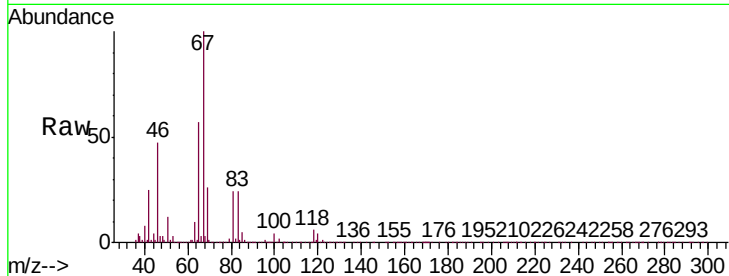




#37
 1,2-Dichloropropane
 Concen: 0.491 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025764.D
 Acq: 18 Sep 2018 20:57

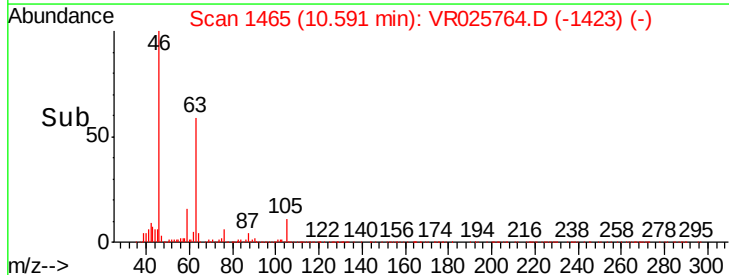
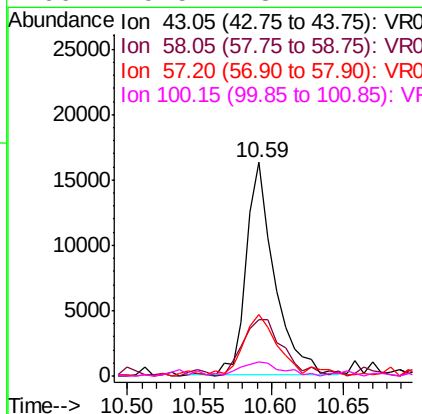
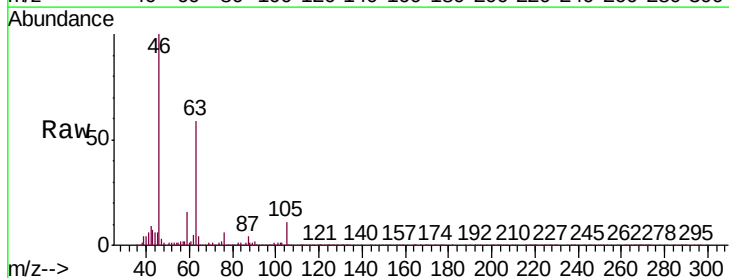
Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZD5

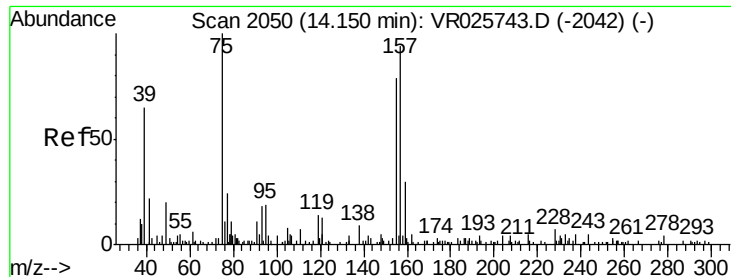
Tgt Ion: 63 Resp: 23695
 Ion Ratio Lower Upper
 63 100
 112 1.8 3.3 4.9#



#48
 2-Hexanone
 Concen: 2.550 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025764.D
 Acq: 18 Sep 2018 20:57

Tgt Ion: 43 Resp: 21848
 Ion Ratio Lower Upper
 43 100
 58 38.2 44.4 66.6#
 57 33.6 14.0 21.0#
 100 9.5 8.2 12.2





#66

1,2-Dibromo-3-chloropropane

Concen: 0.287 ug/L

RT: 14.14 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VR025764.D

Acq: 18 Sep 2018 20:57

Instrument :

MSVOA_R

ClientSampleId :

A3ZD5

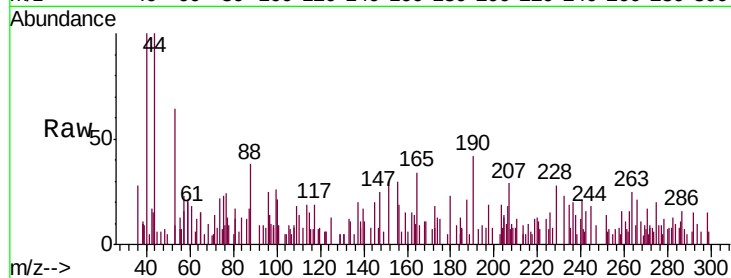
Tgt Ion: 75 Resp: 390

Ion Ratio Lower Upper

75 100

155 100.0 63.6 95.4#

157 19.1 75.0 112.6#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

