

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091818\
 Data File : VR025766.D
 Acq On : 18 Sep 2018 22:03
 Operator : SY/MD
 Sample : J4874-24MS
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZB9MS

Quant Time: Sep 19 09:15:27 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	662583	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	562034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	168145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	147194	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	2.63	69	129109	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	3.63	63	408077	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	6.59	46	147196	51.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.86%
24) Chloroform-d	7.20	84	367193	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	7.90	65	133345	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	7.86	84	826665	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	247692	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	9.97	98	735483	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.24	79	46487	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	188720	62.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.44%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	103117	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	165958	6.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.60%#

Target Compounds

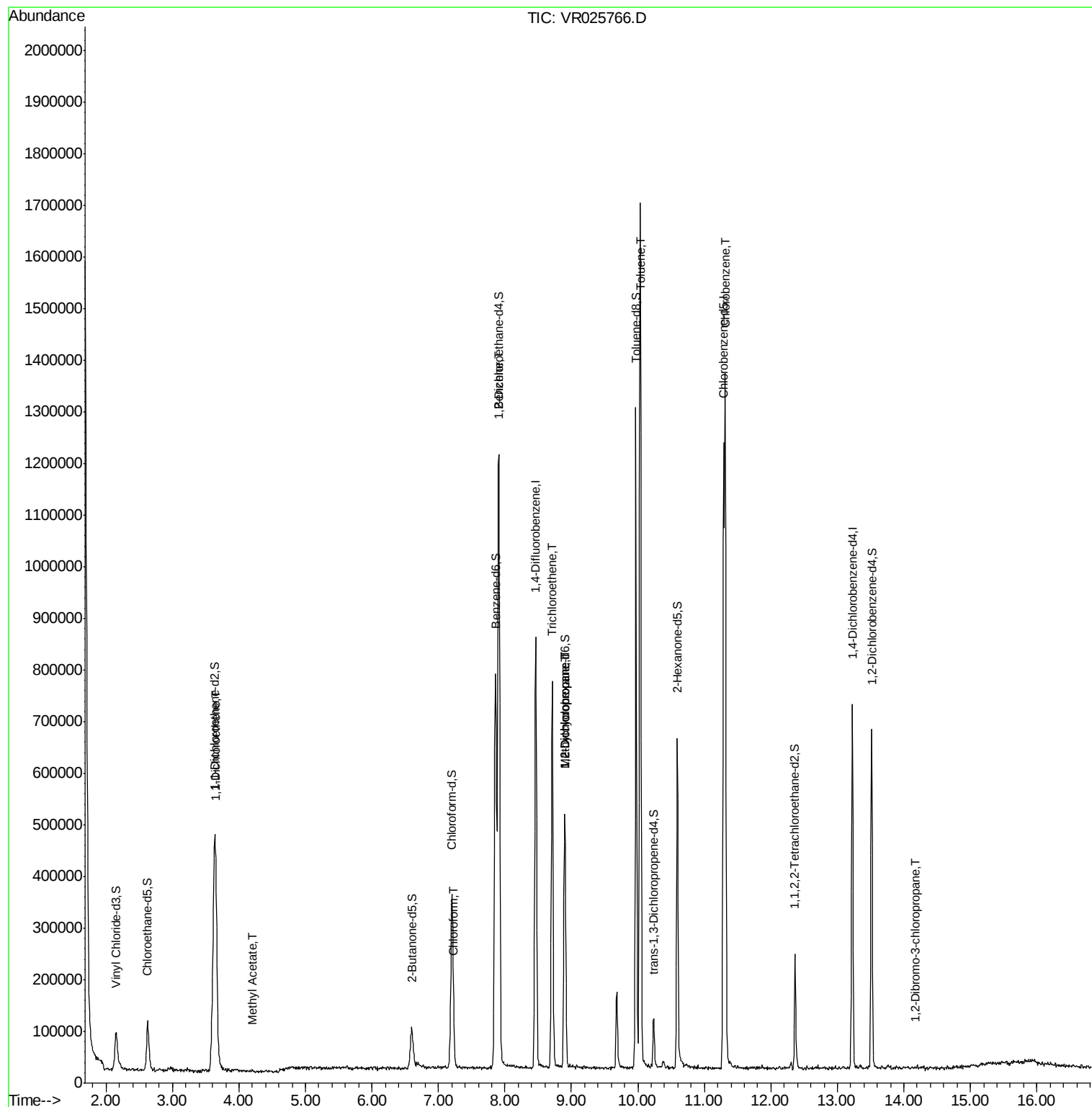
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	199249	4.690	ug/L	85
15) Methyl Acetate	4.20	43	650	0.093	ug/L #	66
25) Chloroform	7.23	83	14122	0.179	ug/L	80
33) Benzene	7.91	78	1084475	5.203	ug/L	100
34) Trichloroethene	8.71	95	246980	4.998	ug/L	96
35) Methylcyclohexane	8.90	83	52432	0.673	ug/L #	21
37) 1,2-Dichloropropane	8.90	63	23567	0.512	ug/L #	92
42) Toluene	10.04	91	1155237	5.506	ug/L	99
51) Chlorobenzene	11.32	112	665208	5.156	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.16	75	706	0.533	ug/L #	27

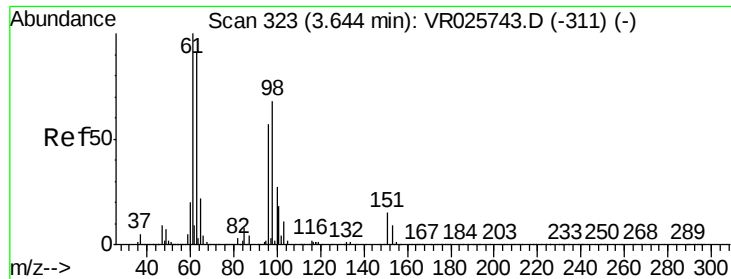
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 17 16:10:44 2018
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#12

1,1-Dichloroethene

Concen: 4.690 ug/L

RT: 3.65 min Scan# 324

Delta R.T. 0.01 min

Lab File: VR025766.D

Acq: 18 Sep 2018 22:03

Instrument :

MSVOA_R

ClientSampled :

A3ZB9MS

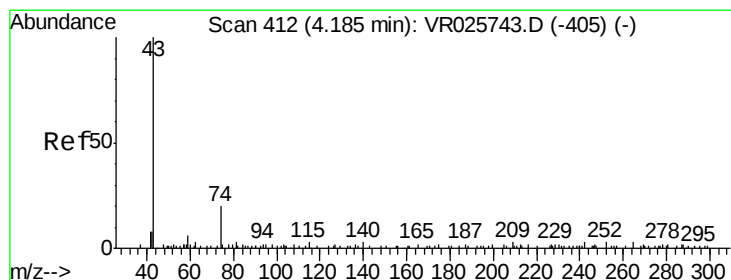
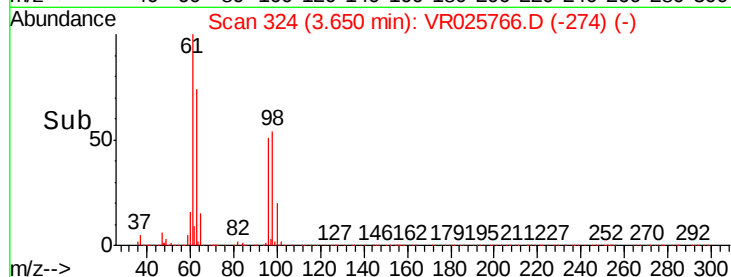
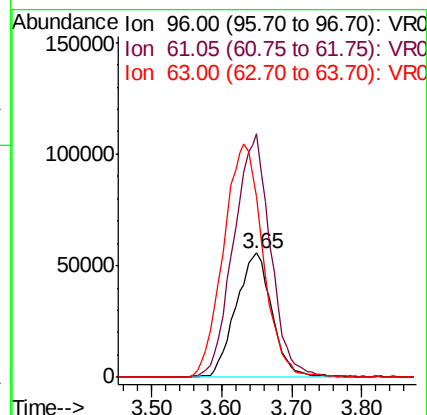
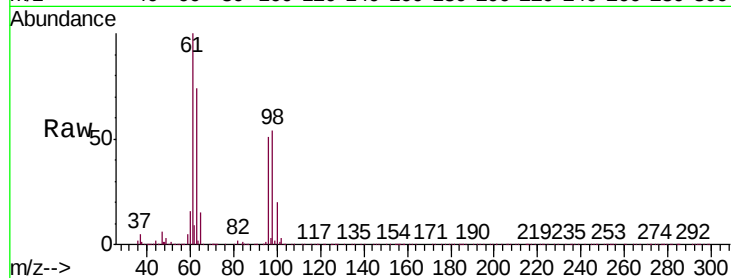
Tgt Ion: 96 Resp: 199249

Ion Ratio Lower Upper

96 100

61 196.3 123.8 229.8

63 145.4 118.0 219.1



#15

Methyl Acetate

Concen: 0.093 ug/L

RT: 4.20 min Scan# 414

Delta R.T. 0.01 min

Lab File: VR025766.D

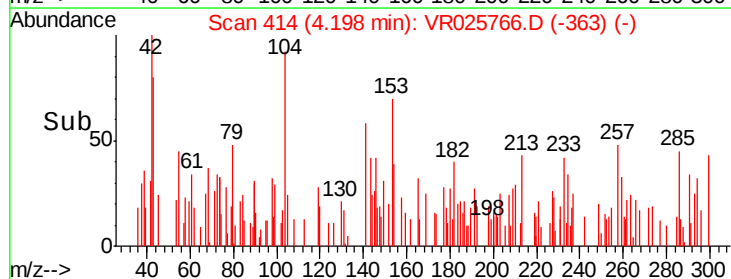
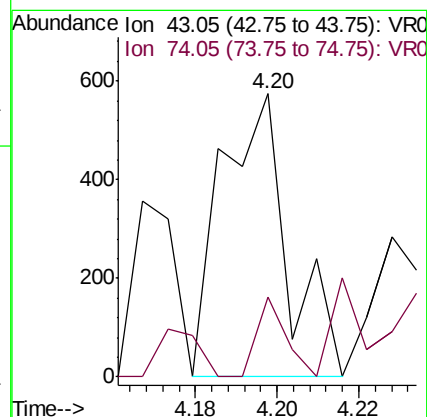
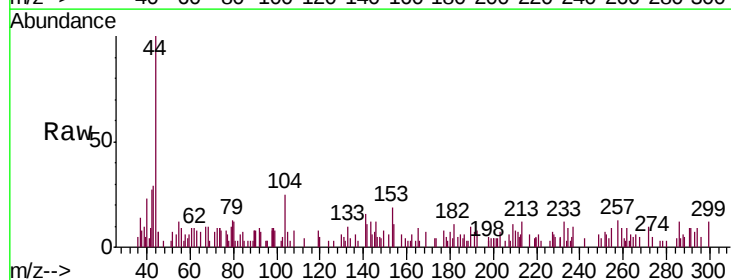
Acq: 18 Sep 2018 22:03

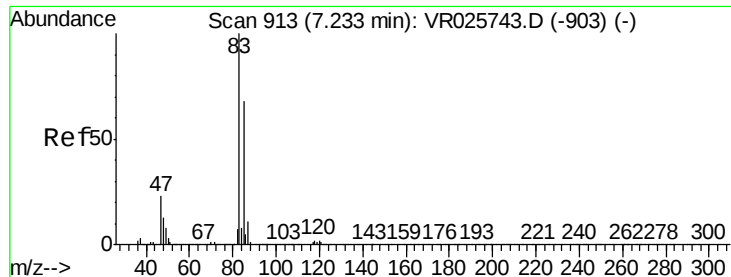
Tgt Ion: 43 Resp: 650

Ion Ratio Lower Upper

43 100

74 12.3 24.8 37.2#

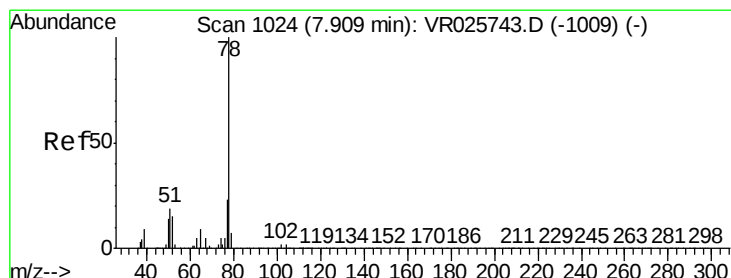
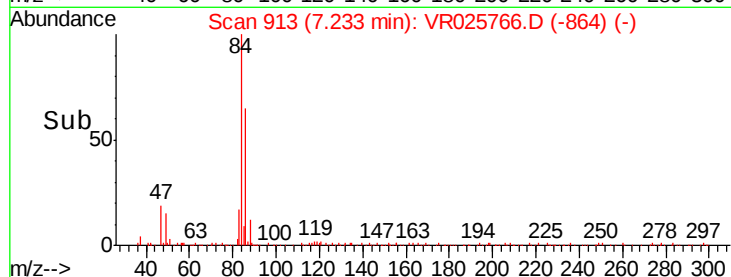
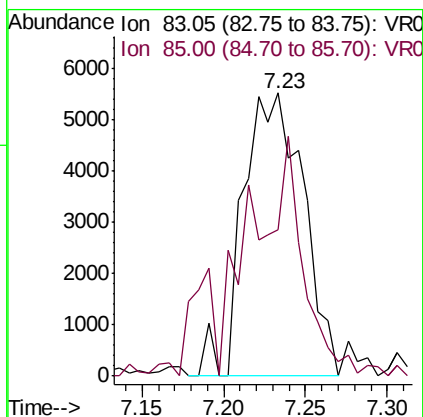
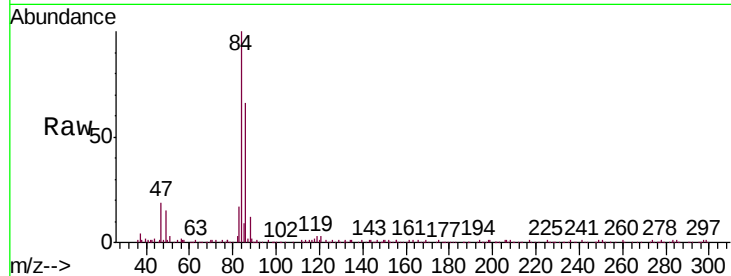




#25
Chloroform
Concen: 0.179 ug/L
RT: 7.23 min Scan# 913
Delta R.T. 0.00 min
Lab File: VR025766.D
Acq: 18 Sep 2018 22:03

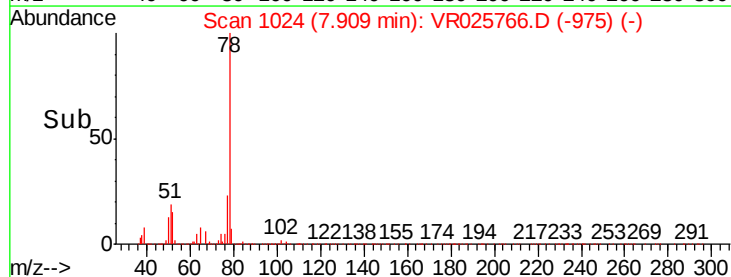
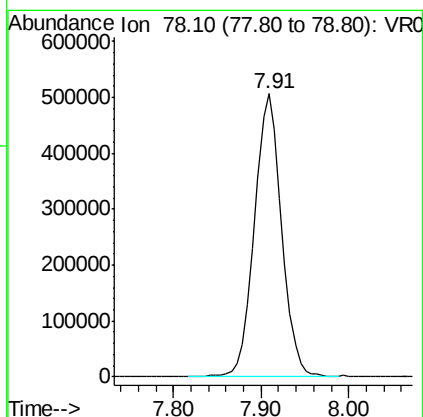
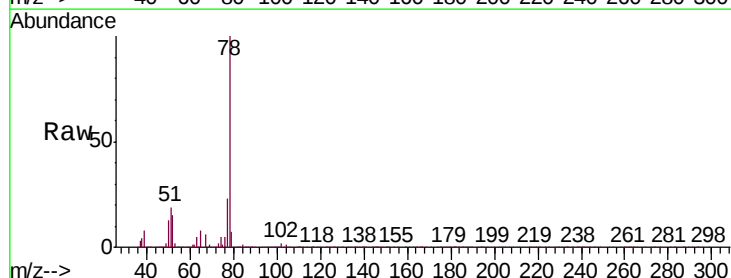
Instrument :
MSVOA_R
ClientSampleId :
A3ZB9MS

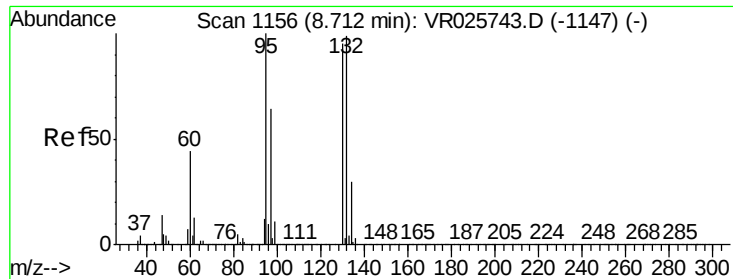
Tgt Ion: 83 Resp: 14122
Ion Ratio Lower Upper
83 100
85 51.9 47.7 88.7



#33
Benzene
Concen: 5.203 ug/L
RT: 7.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: VR025766.D
Acq: 18 Sep 2018 22:03

Tgt Ion: 78 Resp: 1084475





#34

Trichloroethene

Concen: 4.998 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR025766.D

Acq: 18 Sep 2018 22:03

Instrument :

MSVOA_R

ClientSampleId :

A3ZB9MS

Tgt Ion: 95 Resp: 246980

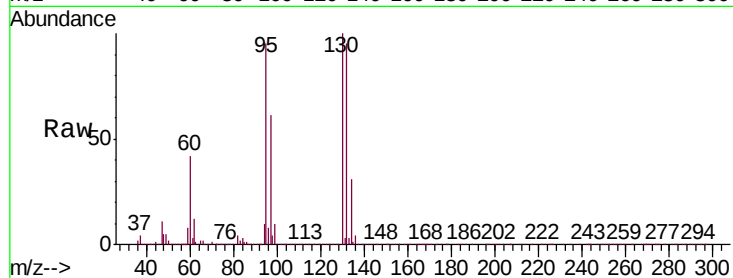
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.5

132 100.0 69.2 128.6

130 105.6 66.4 123.4

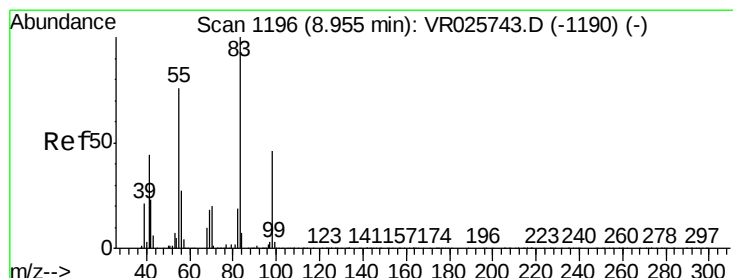
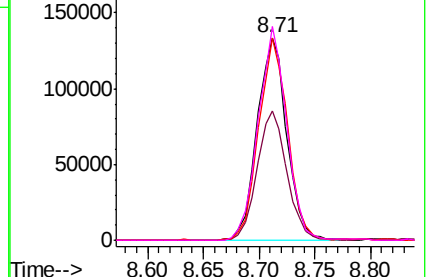
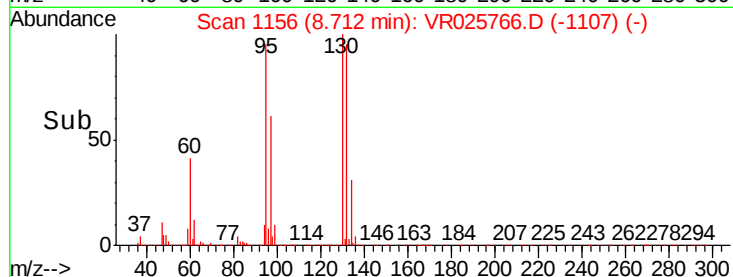


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.673 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025766.D

Acq: 18 Sep 2018 22:03

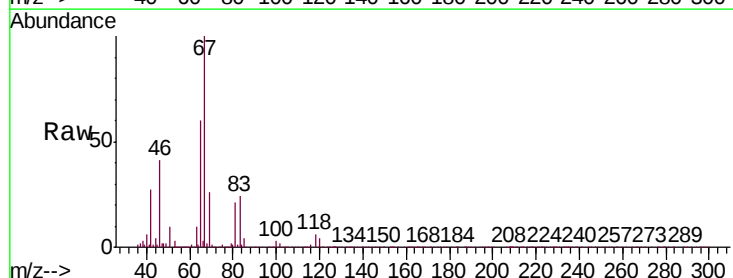
Tgt Ion: 83 Resp: 52432

Ion Ratio Lower Upper

83 100

55 1.6 60.2 90.4#

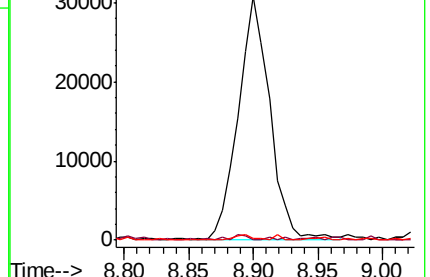
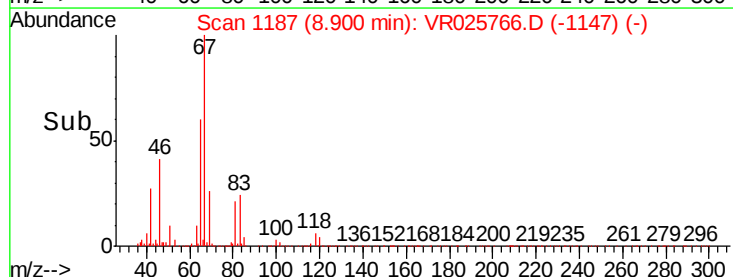
98 1.5 36.2 54.4#

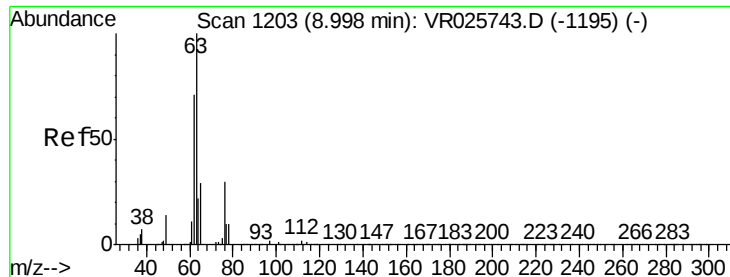


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

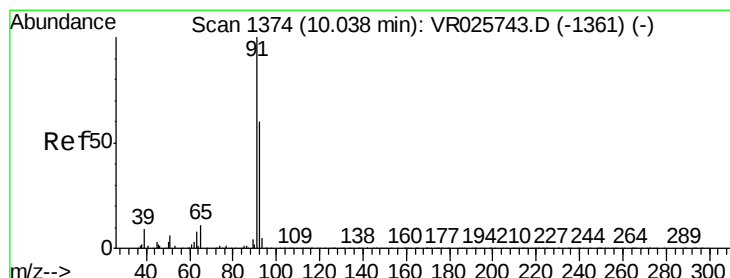
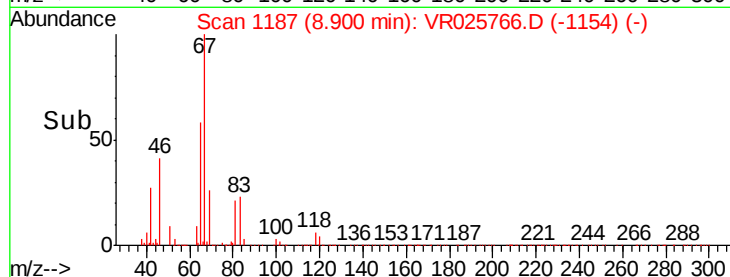
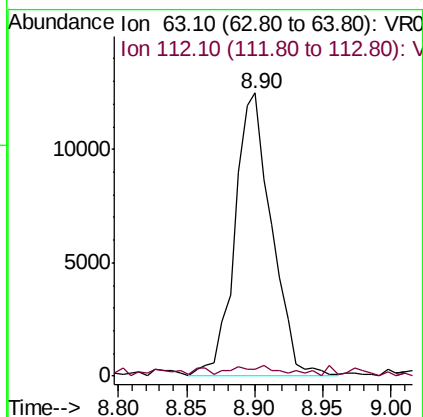
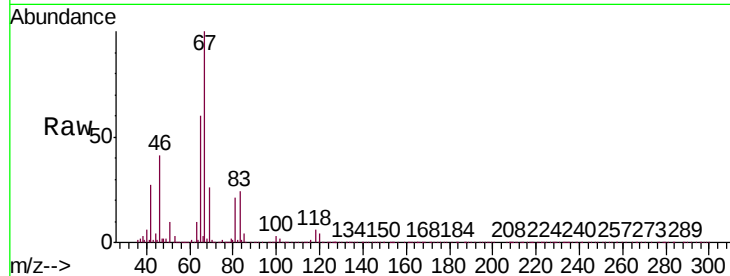




#37
 1,2-Dichloropropane
 Concen: 0.512 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025766.D
 Acq: 18 Sep 2018 22:03

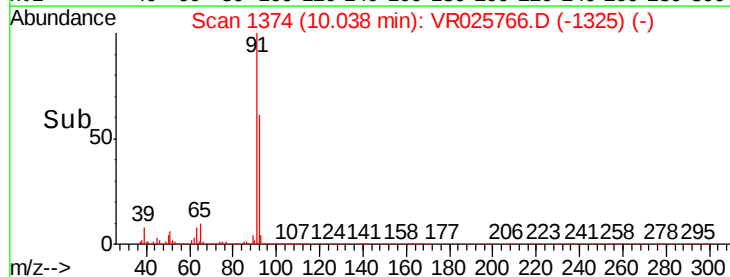
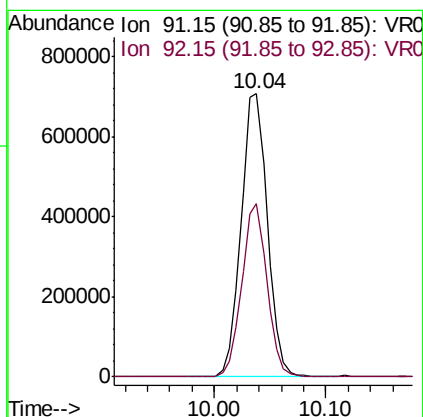
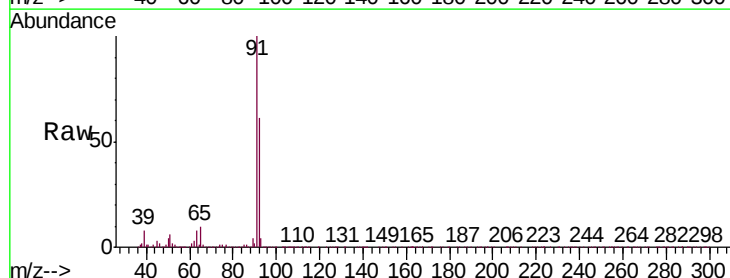
Instrument :
 MSVOA_R
 ClientSampleId :
 A3ZB9MS

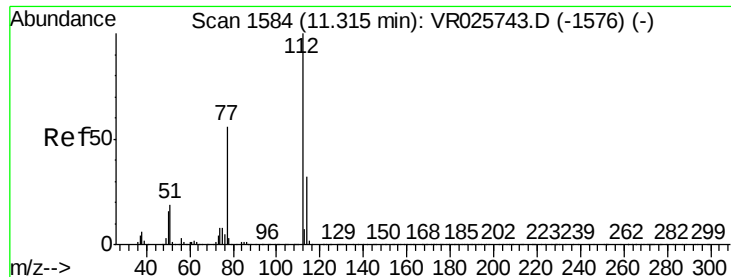
Tgt Ion: 63 Resp: 23567
 Ion Ratio Lower Upper
 63 100
 112 1.5 3.3 4.9#



#42
 Toluene
 Concen: 5.506 ug/L
 RT: 10.04 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: VR025766.D
 Acq: 18 Sep 2018 22:03

Tgt Ion: 91 Resp: 1155237
 Ion Ratio Lower Upper
 91 100
 92 61.2 42.1 78.1





#51

Chlorobenzene

Concen: 5.156 ug/L

RT: 11.32 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VR025766.D

Acq: 18 Sep 2018 22:03

Instrument :

MSVOA_R

ClientSampleId :

A3ZB9MS

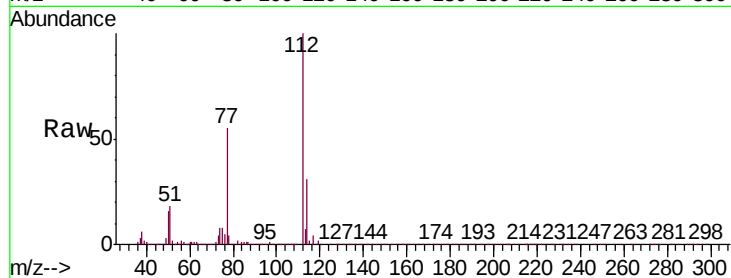
Tgt Ion: 112 Resp: 665208

Ion Ratio Lower Upper

112 100

114 30.8 22.5 41.7

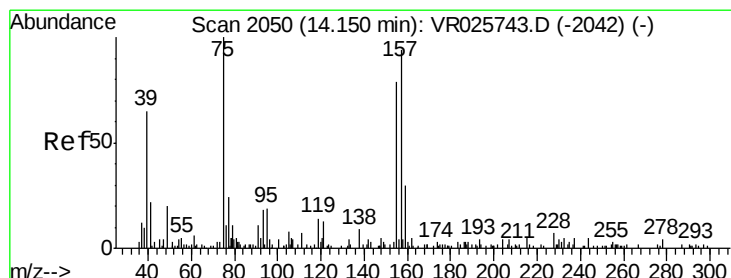
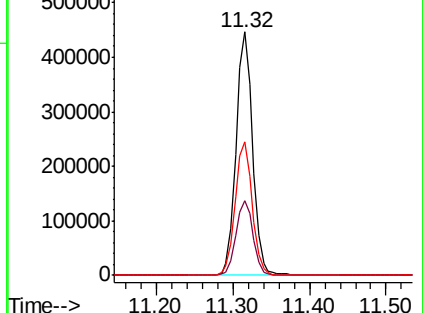
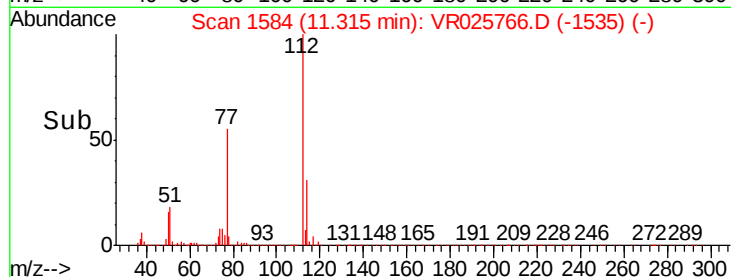
77 55.0 45.0 67.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VR0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.533 ug/L

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: VR025766.D

Acq: 18 Sep 2018 22:03

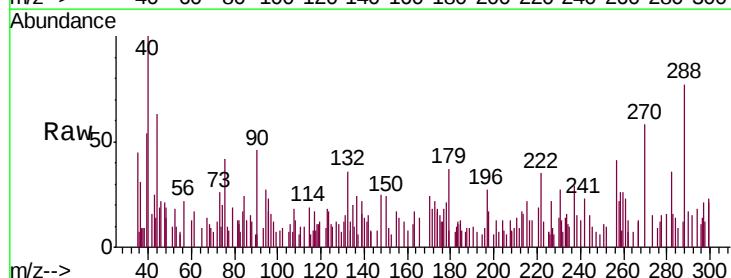
Tgt Ion: 75 Resp: 706

Ion Ratio Lower Upper

75 100

155 40.5 63.6 95.4#

157 0.0 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

