

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091718\
 Data File : VR025752.D
 Acq On : 17 Sep 2018 20:06
 Operator : SY/MD
 Sample : J4887-03DL 5X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 18 07:52:33 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	706295	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	598776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	167245	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	159745	4.14	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	2.63	69	137277	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	3.63	63	302983	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	6.60	46	202924	66.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.02%#
24) Chloroform-d	7.20	84	376137	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	7.90	65	142363	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	7.86	84	850368	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	8.90	67	260339	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	9.97	98	748768	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	10.24	79	47629	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	10.59	63	186688	58.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101701	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	161350	6.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.00%

Target Compounds

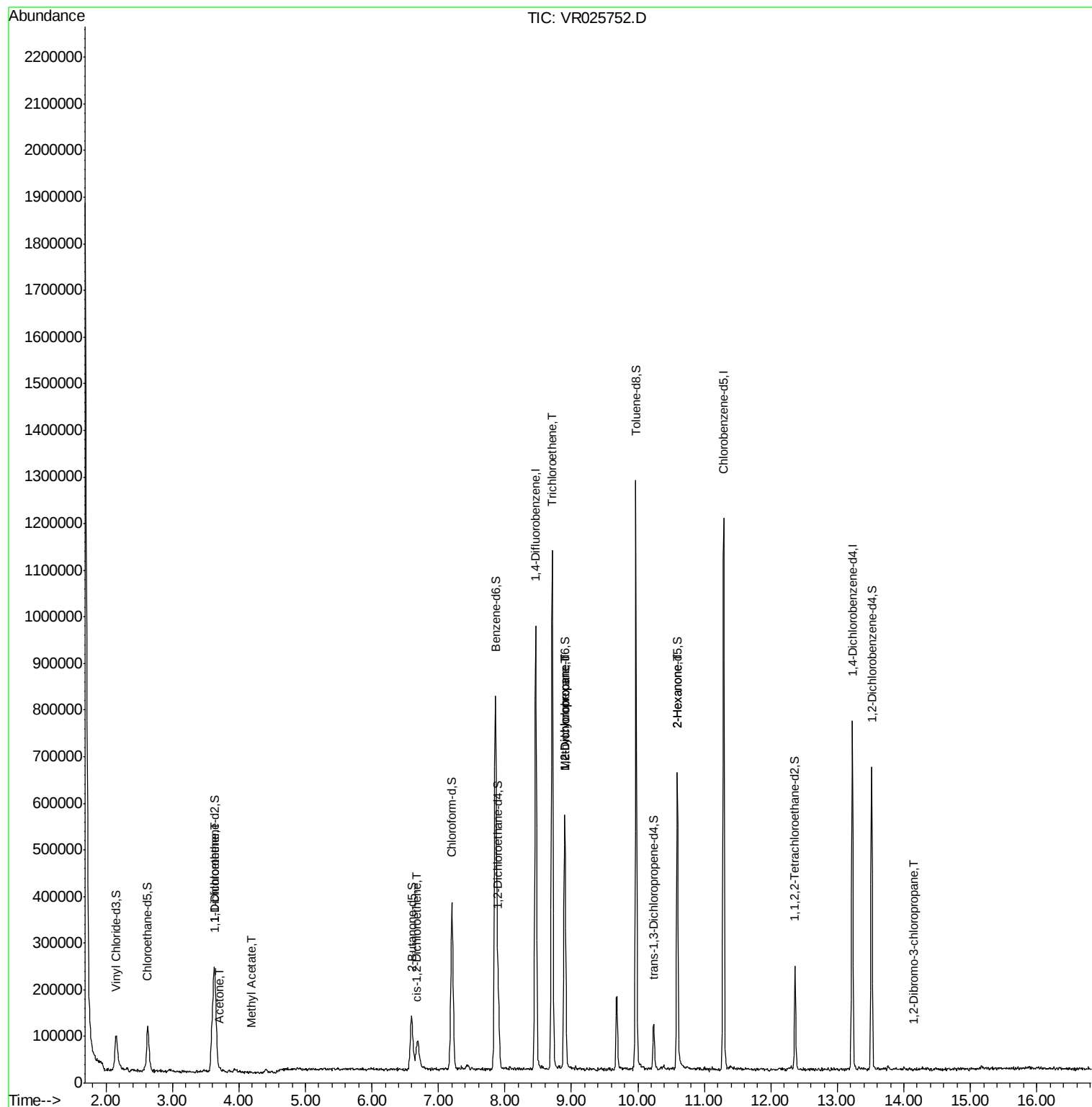
					Ovalue
12) 1,1-Dichloroethene	3.64	96	24096	0.53 ug/L #	1
13) Acetone	3.70	43	2723	1.49 ug/L	77
15) Methyl Acetate	4.20	43	616	0.08 ug/L #	65
22) cis-1,2-Dichloroethene	6.67	96	23333	0.47 ug/L #	87
34) Trichloroethene	8.71	95	360701	6.85 ug/L	95
35) Methylcyclohexane	8.90	83	53360	0.64 ug/L #	21
37) 1,2-Dichloropropane	8.90	63	24455	0.50 ug/L #	95
48) 2-Hexanone	10.59	43	21690	2.49 ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.14	75	256	0.19 ug/L #	30

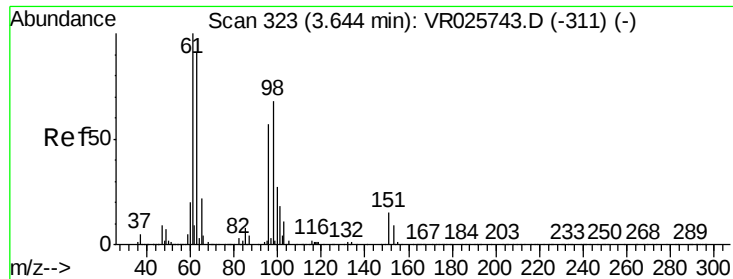
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR091718\
Data File : VR025752.D
Acq On : 17 Sep 2018 20:06
Operator : SY/MD
Sample : J4887-03DL 5X
Misc : 25mL/MSVOA R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Sep 18 07:52:33 2018
Quant Method : Z:\V0ASRV\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





#12

1,1-Dichloroethene

Concen: 0.53 ug/L

RT: 3.64 min Scan# 323

Delta R.T. -0.00 min

Lab File: VR025752.D

Acq: 17 Sep 2018 20:06

Instrument :

MSVOA_R

ClientSampled :

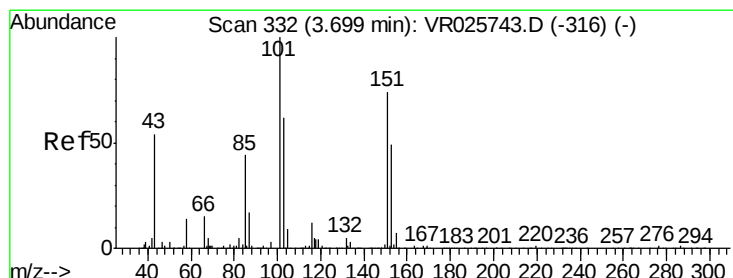
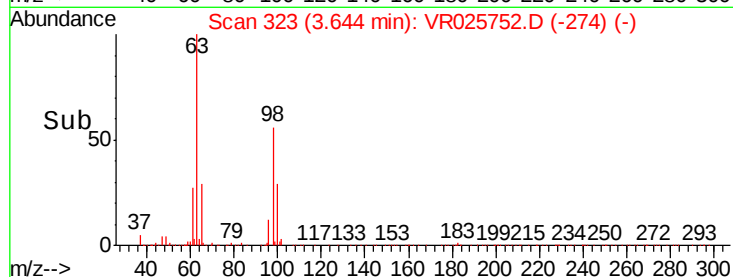
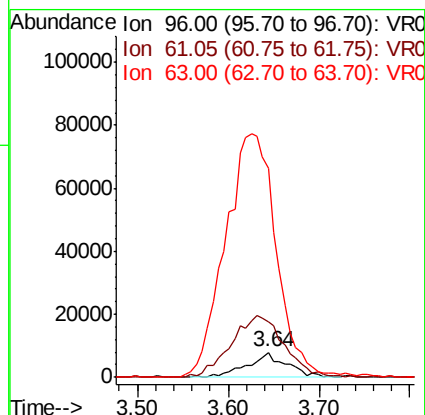
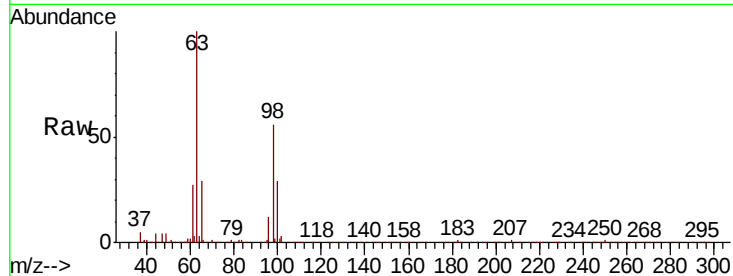
Tot Ion: 96 Resp: 24096

Ion Ratio Lower Upper

96 100

61 223.8 123.8 229.8

63 835.6 118.0 219.1#



#13

Acetone

Concen: 1.49 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025752.D

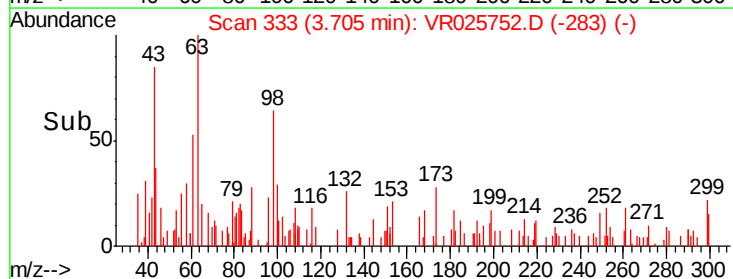
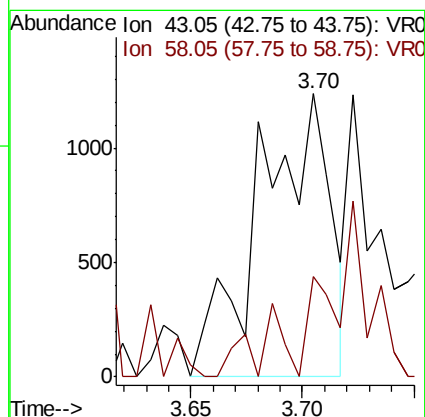
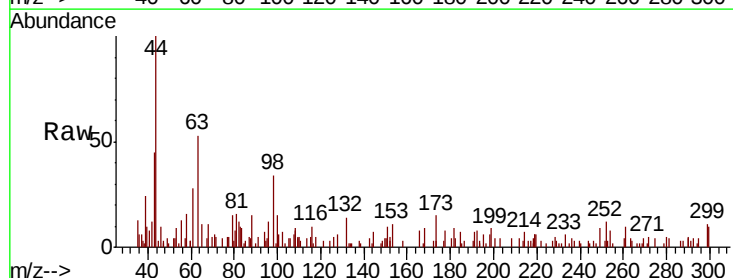
Acq: 17 Sep 2018 20:06

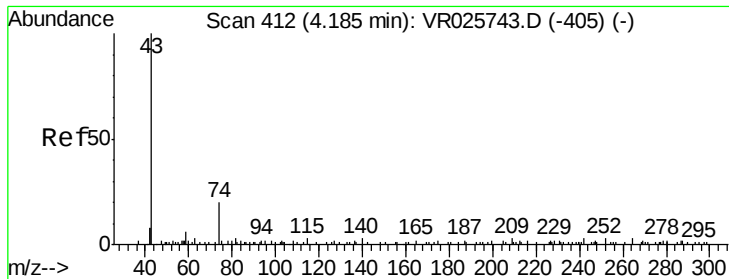
Tgt Ion: 43 Resp: 2723

Ion Ratio Lower Upper

43 100

58 33.0 0.0 44.2

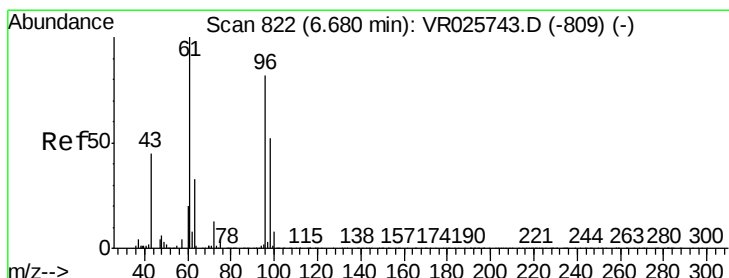
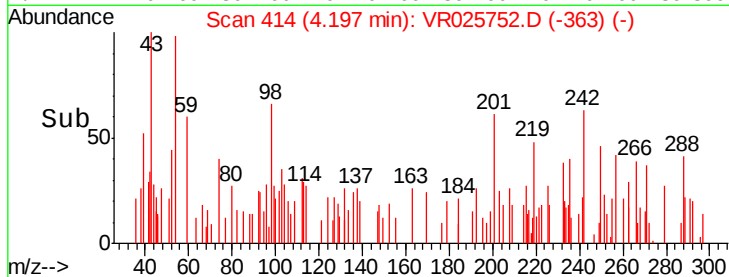
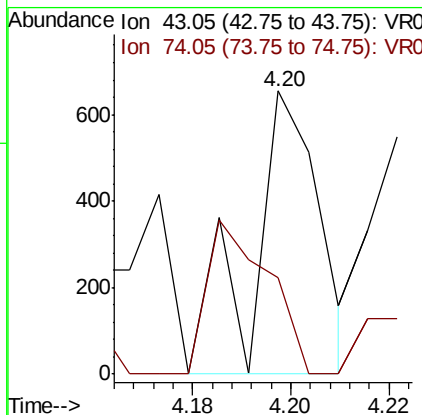
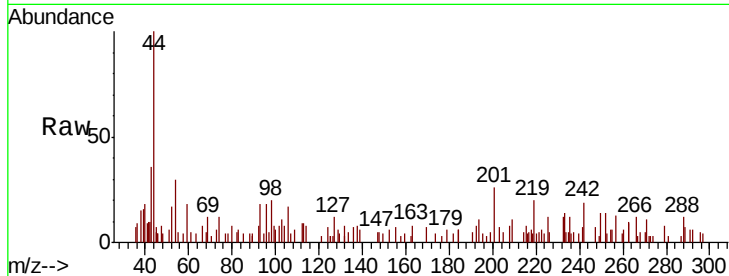




#15
Methvl Acetate
Concen: 0.08 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR025752.D
Acq: 17 Sep 2018 20:06

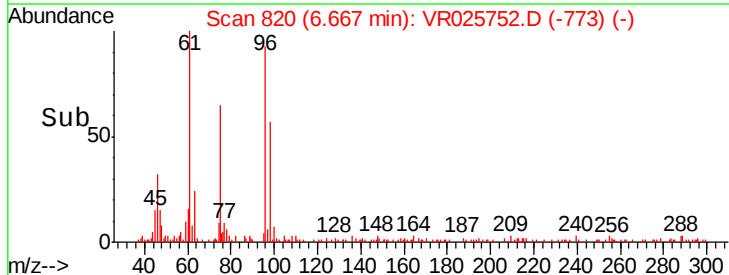
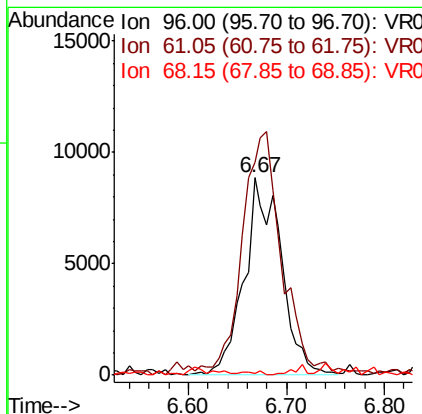
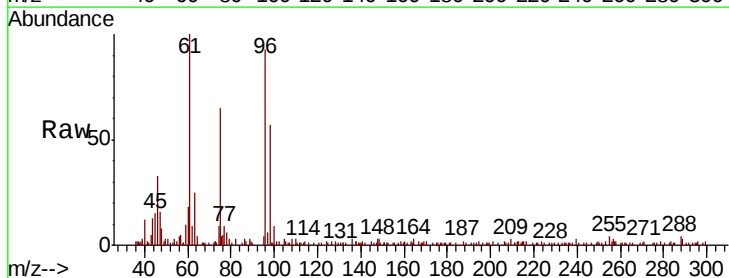
Instrument :
MSVOA_R
ClientSampled :

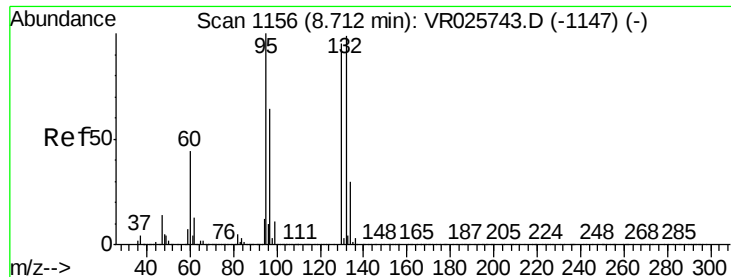
Tot Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
74 50.0 24.8 37.2#



#22
cis-1,2-Dichloroethene
Concen: 0.47 ug/L
RT: 6.67 min Scan# 820
Delta R.T. -0.01 min
Lab File: VR025752.D
Acq: 17 Sep 2018 20:06

Tgt Ion: 96 Resp: 23333
Ion Ratio Lower Upper
96 100
61 107.9 85.7 159.1
68 1.2 0.3 0.5#

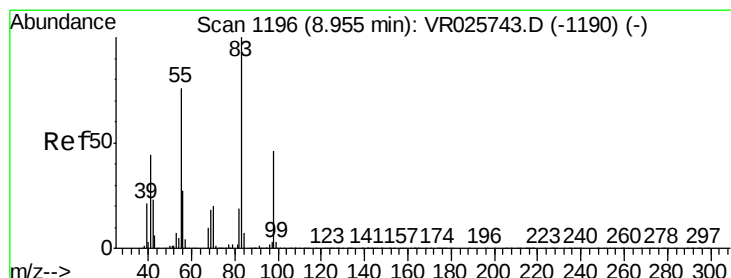
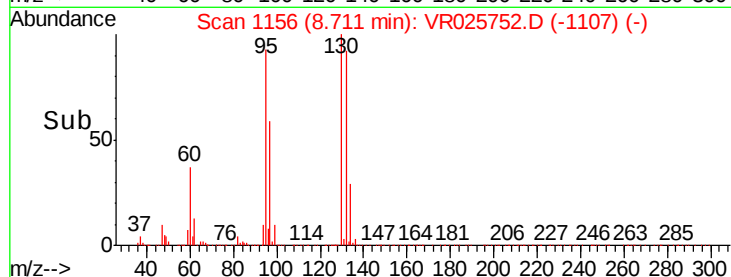
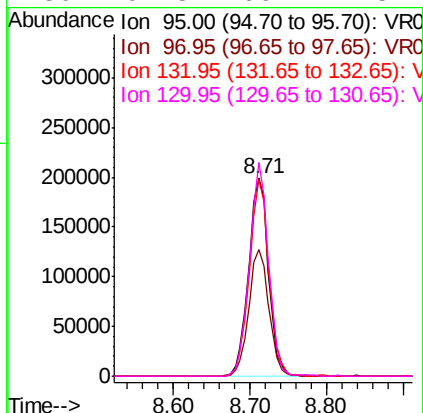
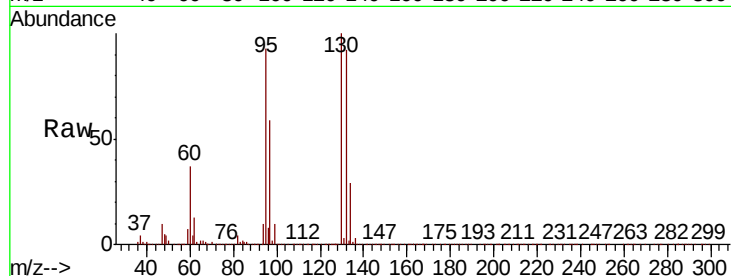




#34
 Trichloroethene
 Concen: 6.85 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VR025752.D
 Acq: 17 Sep 2018 20:06

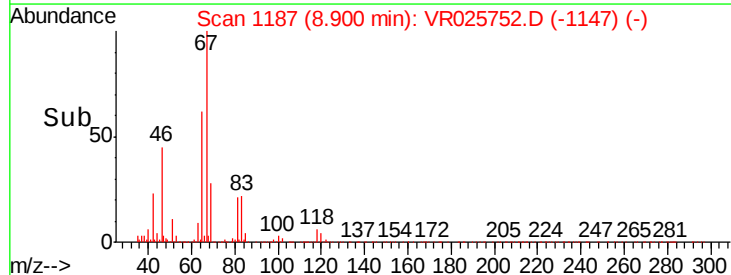
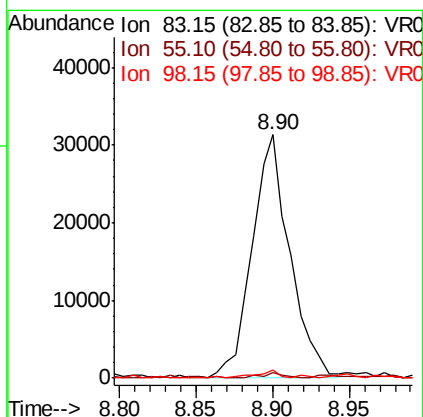
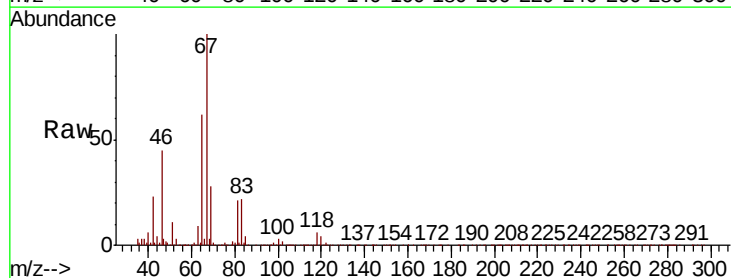
Instrument :
 MSVOA_R
 ClientSampleId :

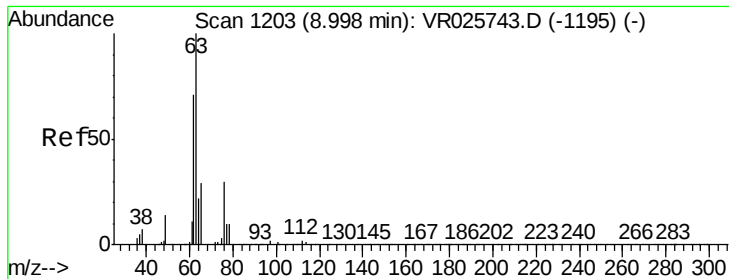
Tot Ion:	95	Resp:	360701
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.9	83.5
132	99.7	69.2	128.6
130	107.8	66.4	123.4



#35
 Methylcyclohexane
 Concen: 0.64 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR025752.D
 Acq: 17 Sep 2018 20:06

Tgt Ion:	83	Resp:	53360
Ion	Ratio	Lower	Upper
83	100		
55	1.6	60.2	90.4#
98	2.2	36.2	54.4#

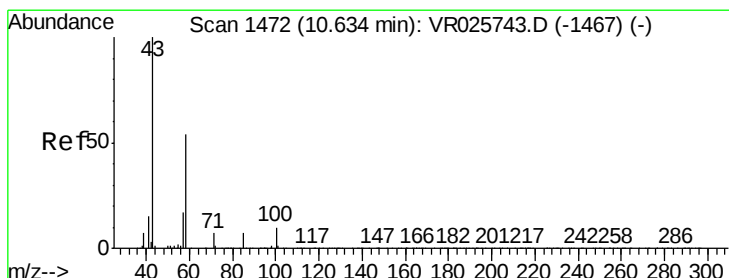
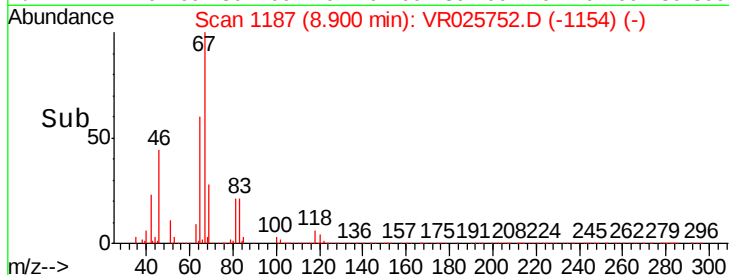
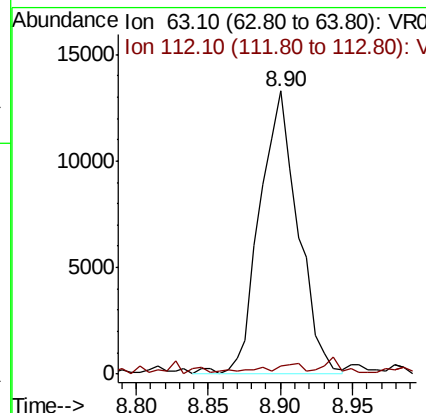
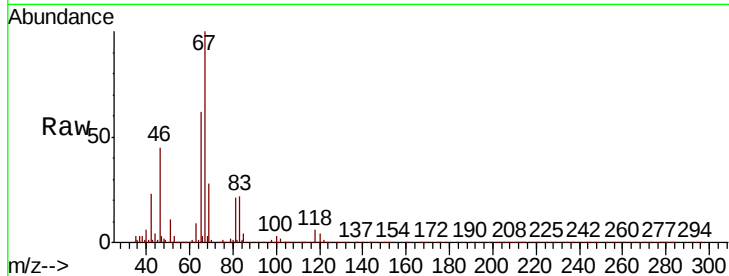




#37
 1,2-Dichloropropane
 Concen: 0.50 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR025752.D
 Acq: 17 Sep 2018 20:06

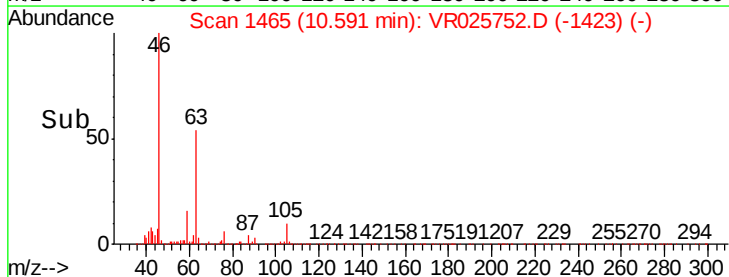
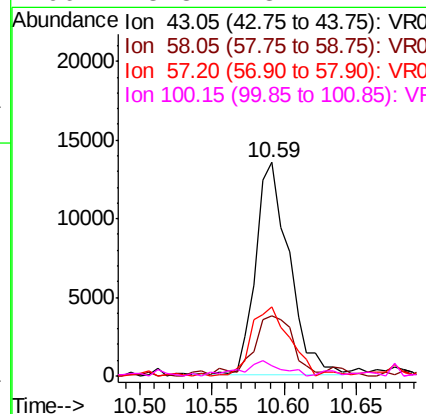
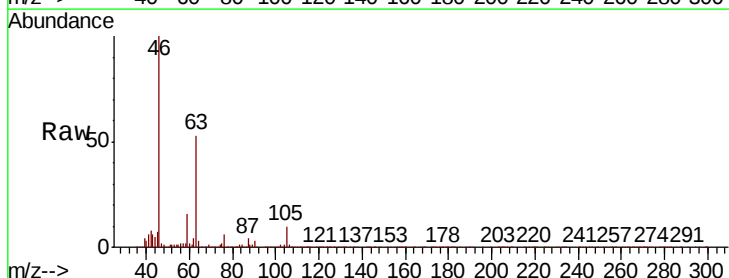
Instrument :
 MSVOA_R
 ClientSampleId :

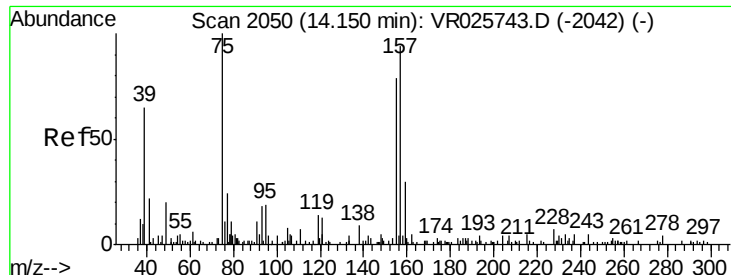
Tot Ion: 63 Resp: 24455
 Ion Ratio Lower Upper
 63 100
 112 2.4 3.3 4.9#



#48
 2-Hexanone
 Concen: 2.49 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR025752.D
 Acq: 17 Sep 2018 20:06

Tgt Ion: 43 Resp: 21690
 Ion Ratio Lower Upper
 43 100
 58 34.5 44.4 66.6#
 57 37.5 14.0 21.0#
 100 8.8 8.2 12.2





#66

1,2-Dibromo-3-chloropropane

Concen: 0.19 ug/L

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: VR025752.D

Acq: 17 Sep 2018 20:06

Instrument :

MSVOA_R

ClientSampleId :

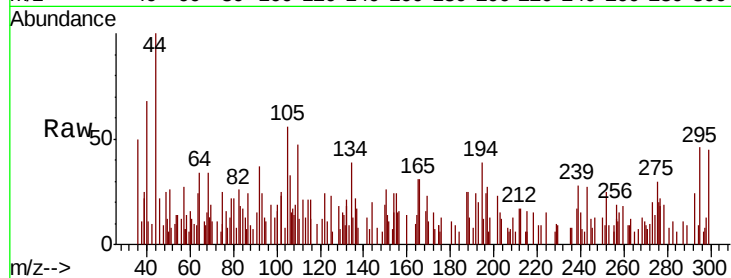
Tot Ion: 75 Resp: 256

Ion Ratio Lower Upper

75 100

155 112.0 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

500

400

300

200

100

0

Time-->

