

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101718\
 Data File : VR026112.D
 Acq On : 17 Oct 2018 13:19
 Operator : SY/MD
 Sample : VR1017WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK86

Quant Time: Oct 19 02:49:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 02:46:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	537215	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	436756	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	134409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	236362	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	2.63	69	206592	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	3.61	63	432160	3.74	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	6.59	46	185240	47.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.98%
24) Chloroform-d	7.20	84	335367	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	7.90	65	139529	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.86	84	679367	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	8.90	67	177426	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	9.97	98	627522	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	10.24	79	39743	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	10.59	63	139937	50.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.98%
57) 1,1,2,2-Tetrachloroethane-	12.37	84	65317	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	108134	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

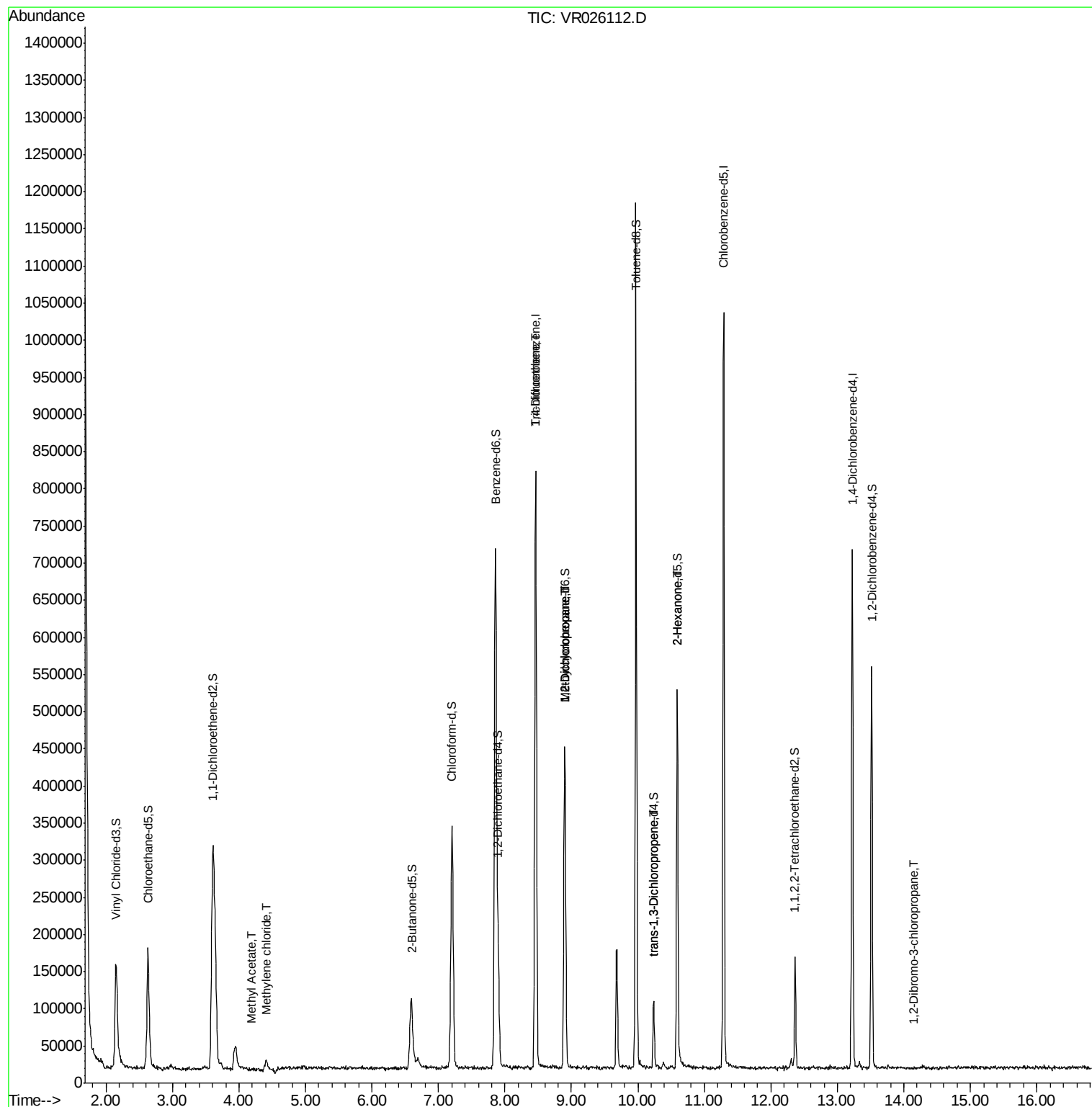
					Ovalue
15) Methyl Acetate	4.19	43	2367	0.227 ug/L #	60
16) Methylene chloride	4.40	84	5326	0.112 ug/L	98
34) Trichloroethene	8.46	95	18750	0.447 ug/L #	11
35) Methylcyclohexane	8.90	83	40900	0.655 ug/L #	18
37) 1,2-Dichloropropane	8.91	63	22810	0.660 ug/L #	91
44) trans-1,3-Dichloropropene	10.24	75	2704	0.098 ug/L	93
48) 2-Hexanone	10.59	43	21946	3.182 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.14	75	338	0.231 ug/L #	41

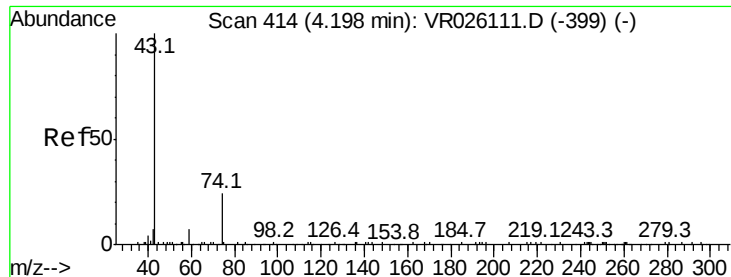
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 02:46:46 2018
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.227 ug/L

RT: 4.19 min Scan# 413

Delta R.T. -0.01 min

Lab File: VR026112.D

Acq: 17 Oct 2018 13:19

Instrument :

MSVOA_R

ClientSampleId :

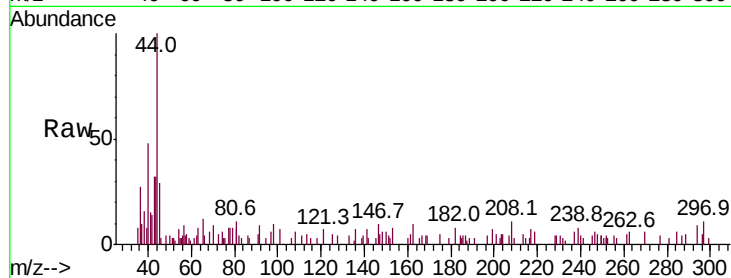
VBLK86

Tot Ion: 43 Resp: 2367

Ion Ratio Lower Upper

43 100

74 4.6 19.8 29.8#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

1500

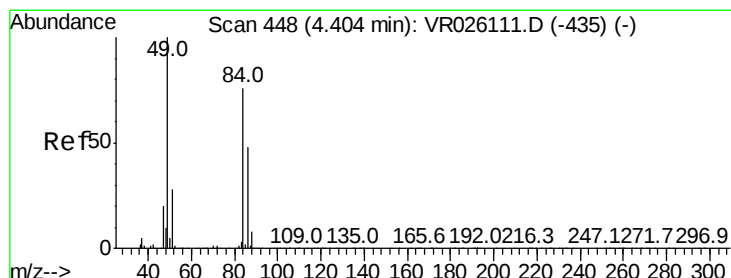
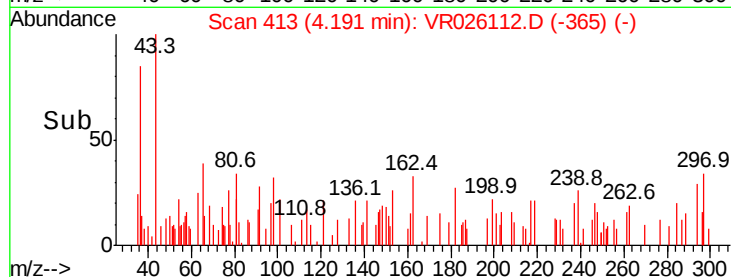
1000

500

0

4.15 4.20 4.25

Time-->



#16

Methylene chloride

Concen: 0.112 ug/L

RT: 4.40 min Scan# 447

Delta R.T. -0.01 min

Lab File: VR026112.D

Acq: 17 Oct 2018 13:19

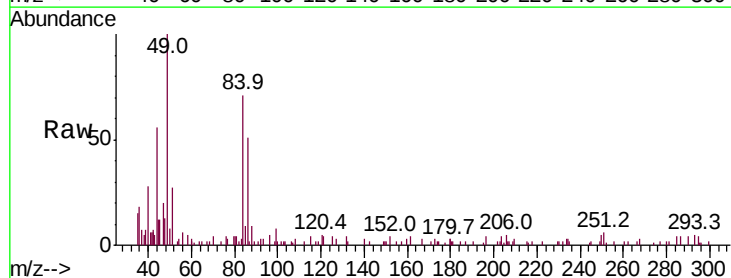
Tgt Ion: 84 Resp: 5326

Ion Ratio Lower Upper

84 100

86 64.3 43.0 79.8

49 125.9 89.1 165.5



Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

6000

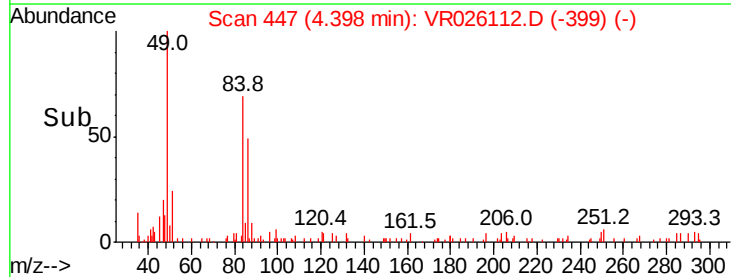
4000

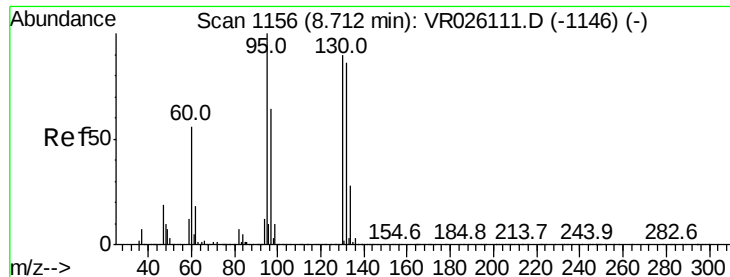
2000

0

4.35 4.40

Time-->





#34

Trichloroethene

Concen: 0.447 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

Lab File: VR026112.D

Acq: 17 Oct 2018 13:19

Instrument :

MSVOA_R

ClientSampled :

VBLK86

Tot Ion: 95 Resp: 18750

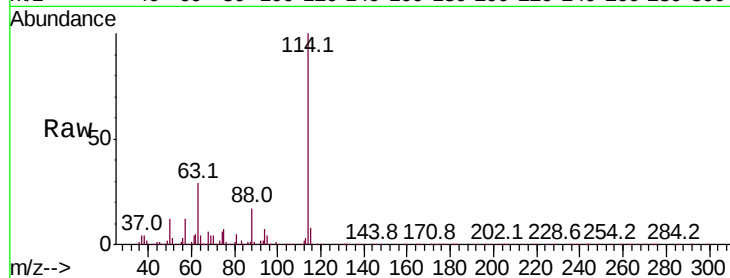
Ion Ratio Lower Upper

95 100

97 2.8 45.7 84.9#

132 0.8 58.3 108.3#

130 2.7 64.0 119.0#

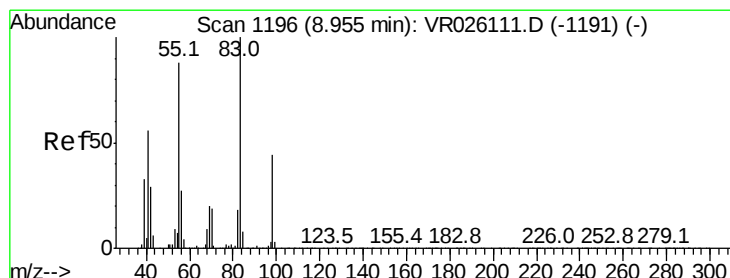
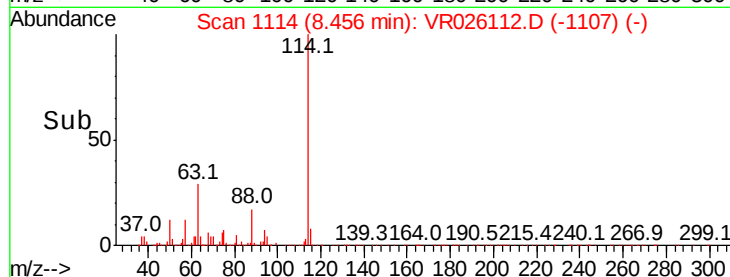
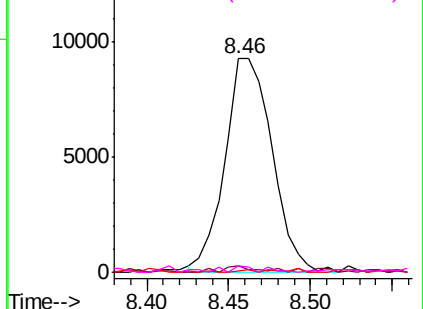


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.655 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026112.D

Acq: 17 Oct 2018 13:19

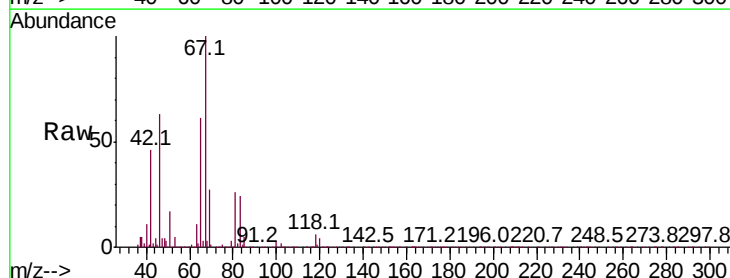
Tgt Ion: 83 Resp: 40900

Ion Ratio Lower Upper

83 100

55 1.3 66.8 100.2#

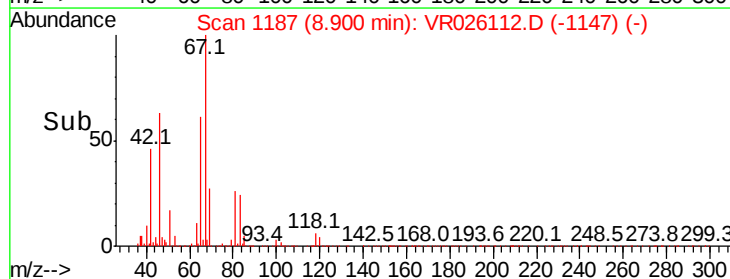
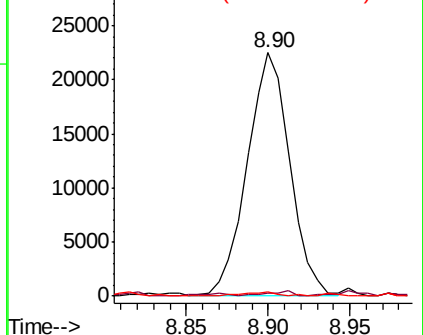
98 1.5 35.2 52.8#

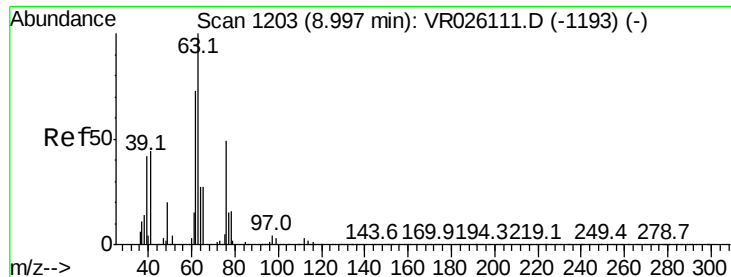


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.660 ug/L

RT: 8.91 min Scan# 1188

Delta R.T. -0.09 min

Lab File: VR026112.D

Acq: 17 Oct 2018 13:19

Instrument :

MSVOA_R

ClientSampleId :

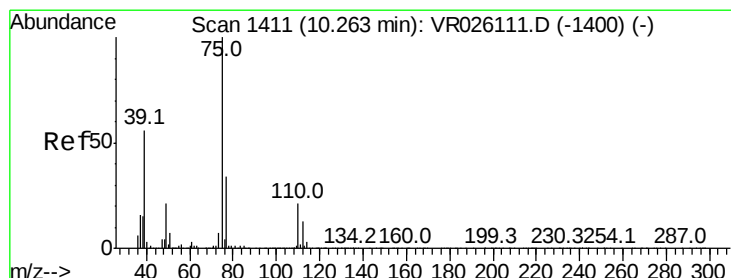
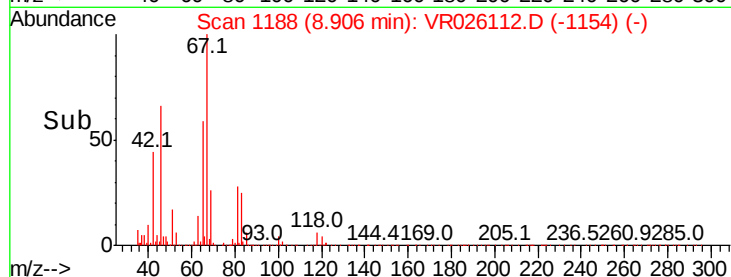
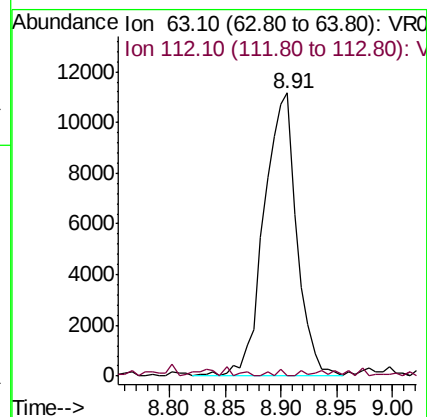
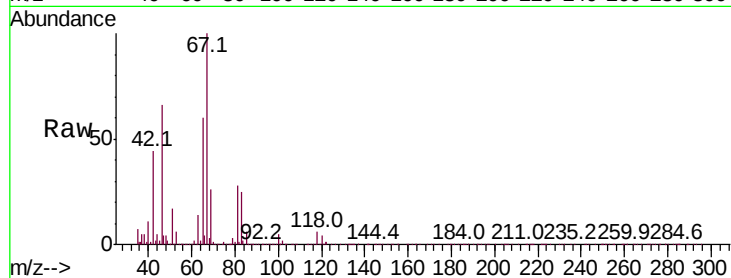
VBLK86

Tot Ion: 63 Resp: 22810

Ion Ratio Lower Upper

63 100

112 0.3 2.7 4.1#



#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026112.D

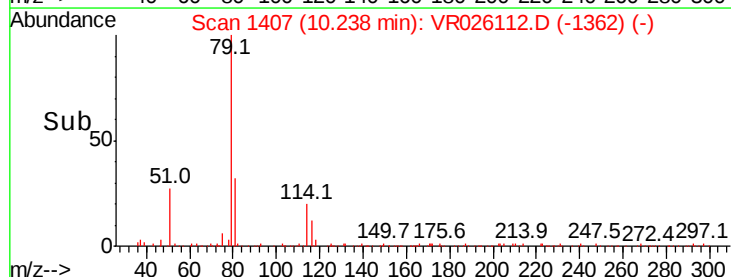
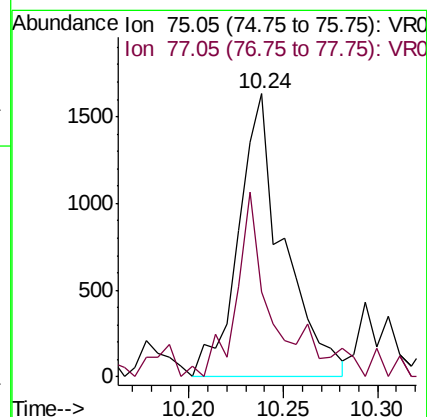
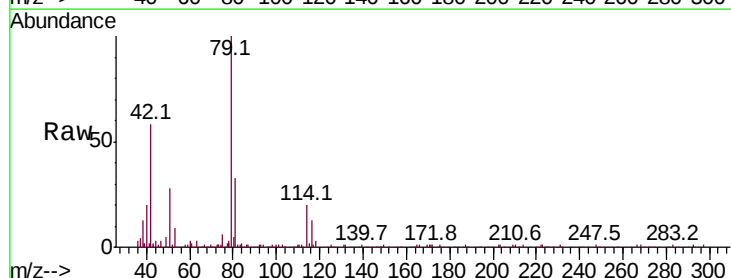
Acq: 17 Oct 2018 13:19

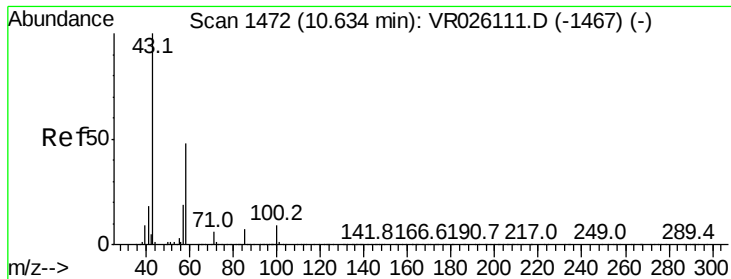
Tgt Ion: 75 Resp: 2704

Ion Ratio Lower Upper

75 100

77 30.1 24.1 44.7

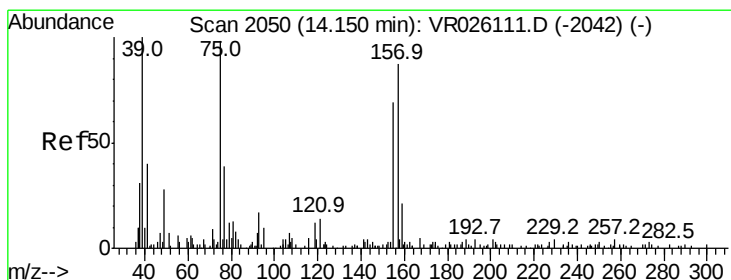
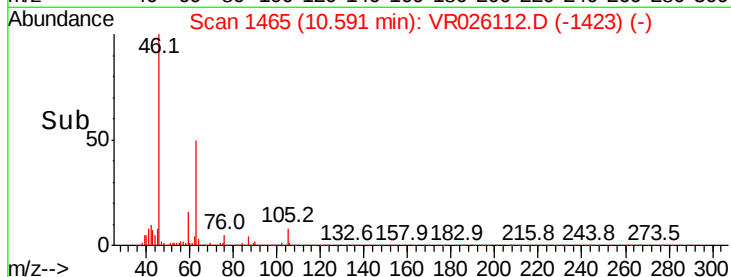
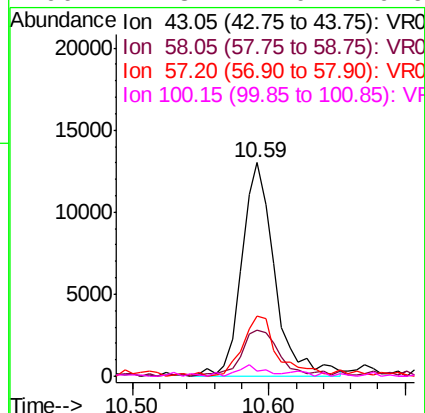
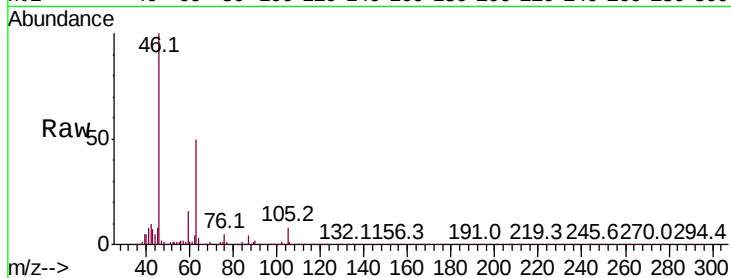




#48
2-Hexanone
Concen: 3.182 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026112.D
Acq: 17 Oct 2018 13:19

Instrument :
MSVOA_R
ClientSampleId :
VBLK86

Tot Ion: 43 Resp: 21946
Ion Ratio Lower Upper
43 100
58 24.6 39.6 59.4#
57 29.7 14.0 21.0#
100 4.3 7.0 10.6#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.231 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: VR026112.D
Acq: 17 Oct 2018 13:19

Tgt Ion: 75 Resp: 338
Ion Ratio Lower Upper
75 100
155 22.4 40.9 61.3#
157 20.2 67.3 100.9#

