

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091418\
 Data File : VR025730.D
 Acq On : 14 Sep 2018 15:22
 Operator : SY/MD
 Sample : J4887-09
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 15 03:30:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 15 03:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	591589	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	498897	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	142447	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	177122	6.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	137.80%#
7) Chloroethane-d5	2.63	69	141698	6.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.60%#
11) 1,1-Dichloroethene-d2	3.63	63	326905	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	6.59	46	104078	40.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.16%
24) Chloroform-d	7.20	84	324909	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
26) 1,2-Dichloroethane-d4	7.90	65	111797	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	7.85	84	754099	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	8.90	67	200589	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	9.97	98	692790	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	10.23	79	36998	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	10.59	63	130907	48.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	80047	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	149629	7.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	148.20%#

Target Compounds

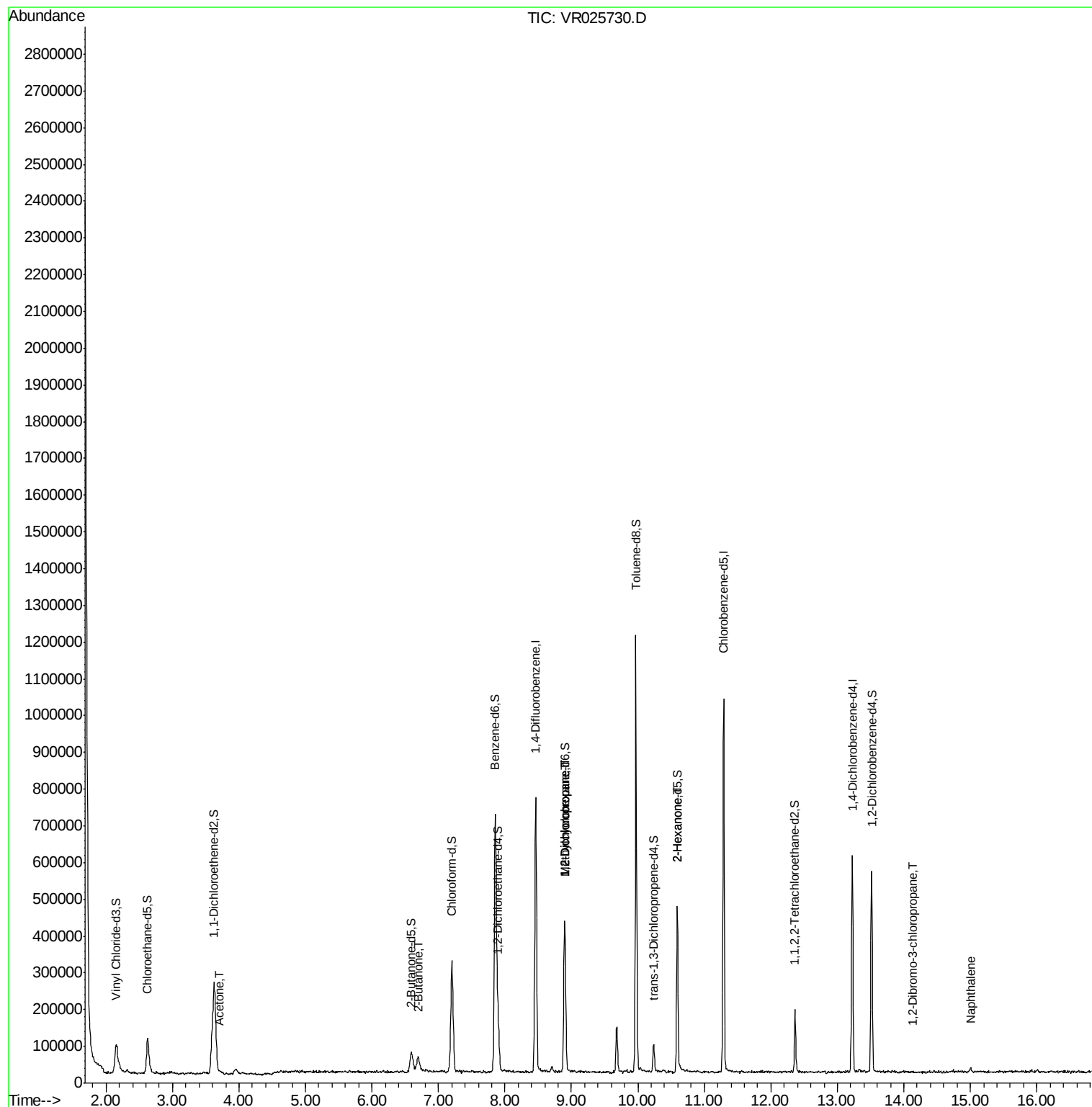
					Ovalue
13) Acetone	3.70	43	2247	1.28 ug/L	87
21) 2-Butanone	6.70	43	4543	1.23 ug/L	76
35) Methylcyclohexane	8.90	83	44010	0.66 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	19337	0.48 ug/L #	94
48) 2-Hexanone	10.59	43	14778	2.13 ug/L #	63
66) 1,2-Dibromo-3-chloropropan	14.14	75	251	0.22 ug/L #	42
69) Naphthalene	15.00	128	8418	0.46 ug/L #	90

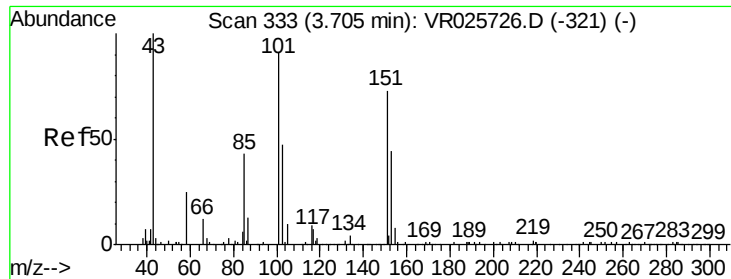
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.28 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.00 min

Lab File: VR025730.D

Acq: 14 Sep 2018 15:22

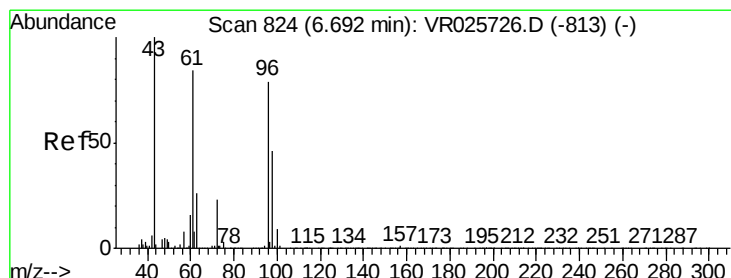
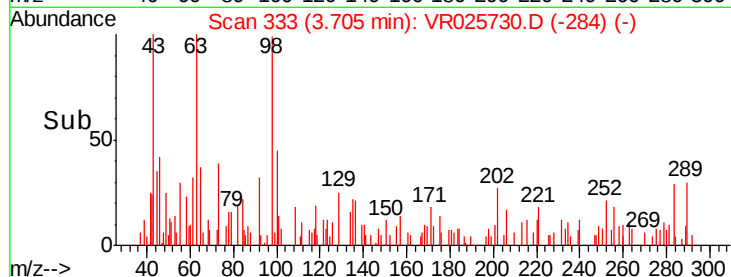
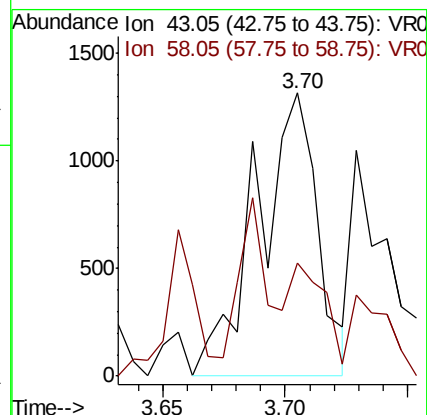
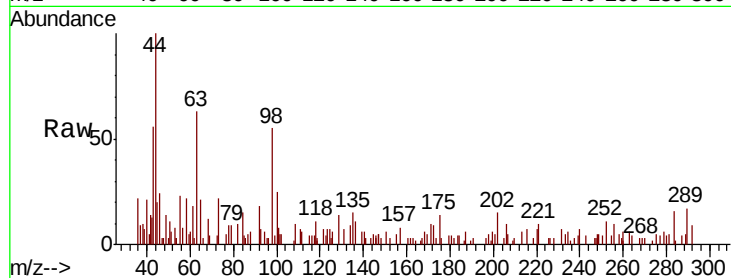
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 2247

Ion Ratio Lower Upper

43 100

58 20.3 0.0 53.6



#21

2-Butanone

Concen: 1.23 ug/L

RT: 6.70 min Scan# 825

Delta R.T. 0.01 min

Lab File: VR025730.D

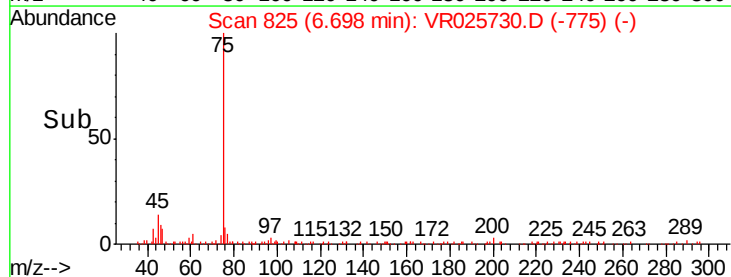
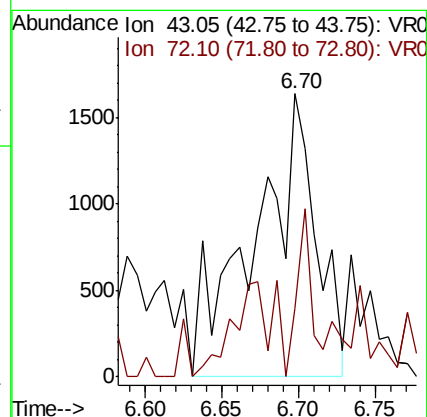
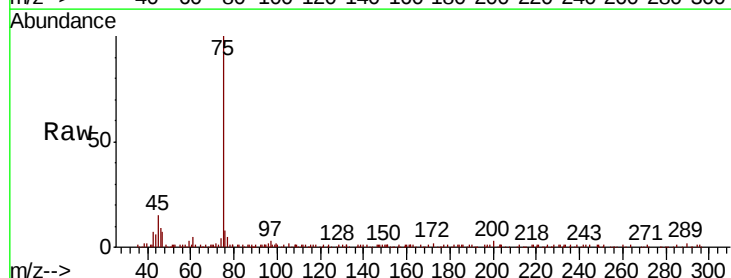
Acq: 14 Sep 2018 15:22

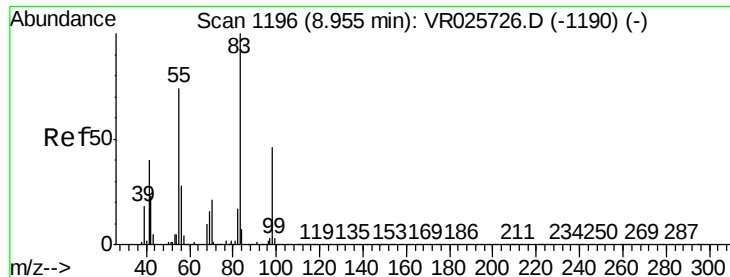
Tgt Ion: 43 Resp: 4543

Ion Ratio Lower Upper

43 100

72 14.2 13.3 39.9

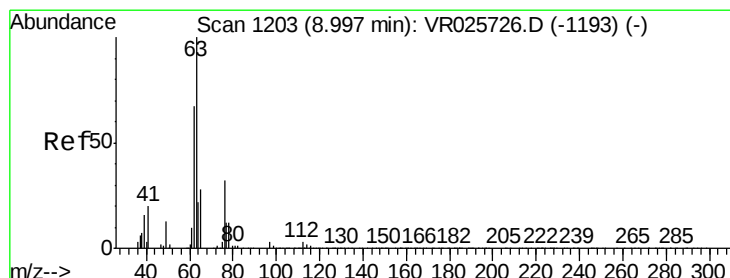
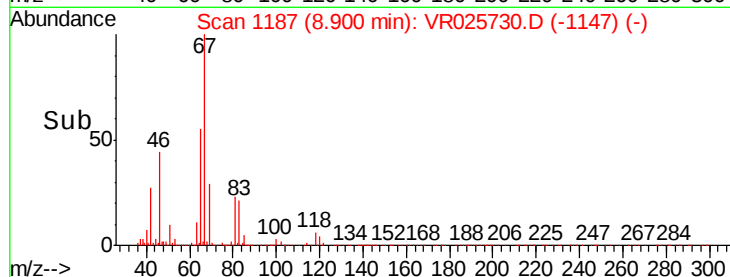
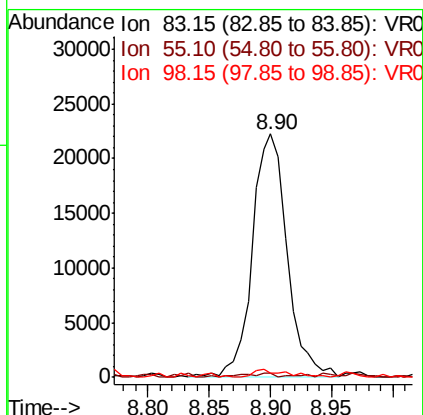
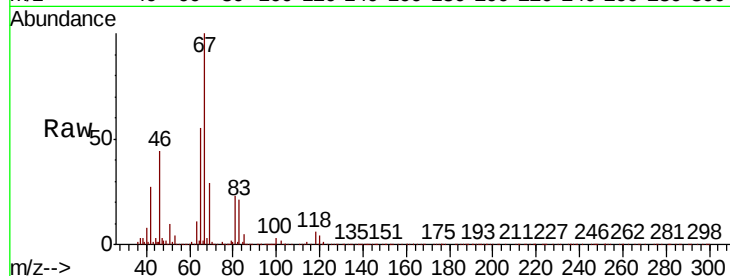




#35
Methvlcvclohexane
Concen: 0.66 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025730.D
Acq: 14 Sep 2018 15:22

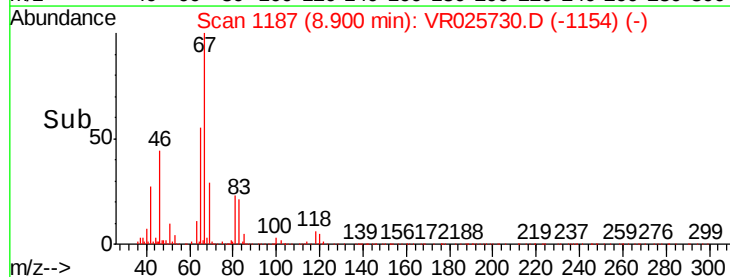
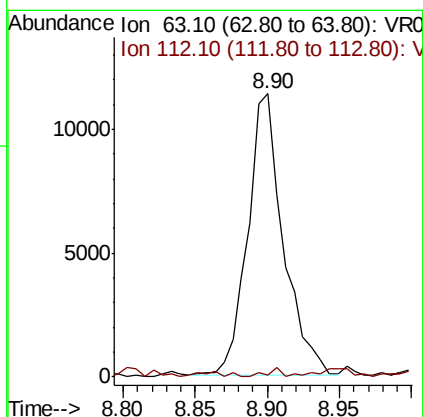
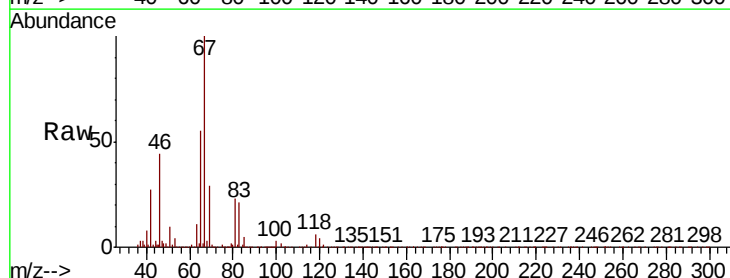
Instrument :
MSVOA_R
ClientSampleId :

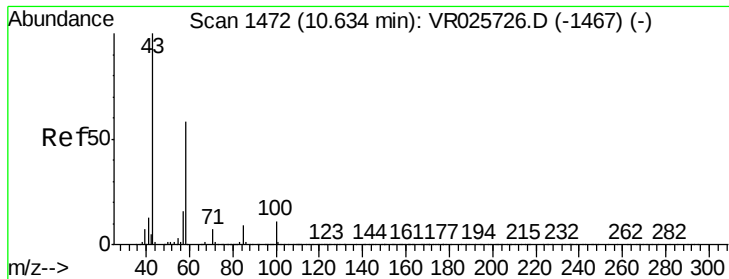
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	58.9	88.3#
98	3.1	36.9	55.3#



#37
1,2-Dichloropropane
Concen: 0.48 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025730.D
Acq: 14 Sep 2018 15:22

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.6	2.9	4.3#





#48

2-Hexanone

Concen: 2.13 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025730.D

Acq: 14 Sep 2018 15:22

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 14778

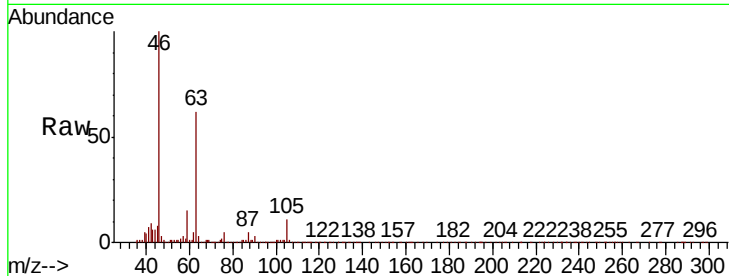
Ion Ratio Lower Upper

43 100

58 35.6 45.8 68.8#

57 48.9 14.2 21.2#

100 3.5 8.6 13.0#



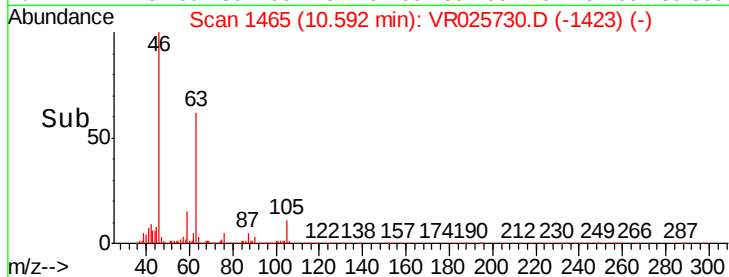
Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

Time-->



Abundance

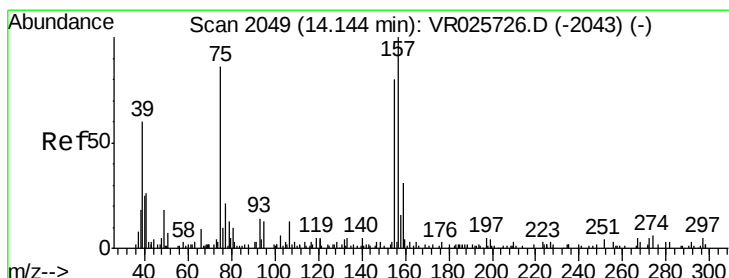
Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

Time-->



#66

1,2-Dibromo-3-chloropropane

Concen: 0.22 ug/L

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VR025730.D

Acq: 14 Sep 2018 15:22

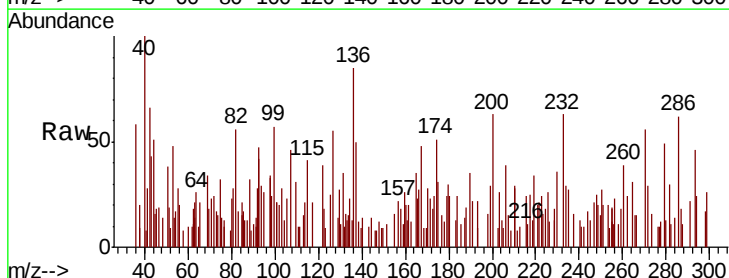
Tgt Ion: 75 Resp: 251

Ion Ratio Lower Upper

75 100

155 35.3 79.3 118.9#

157 48.6 81.4 122.2#

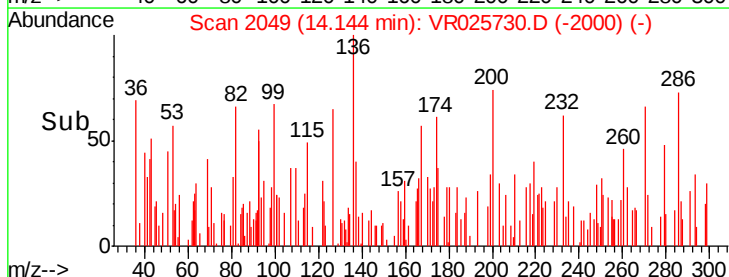


Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): VR0

Ion 156.90 (156.60 to 157.60): VR0

Time-->



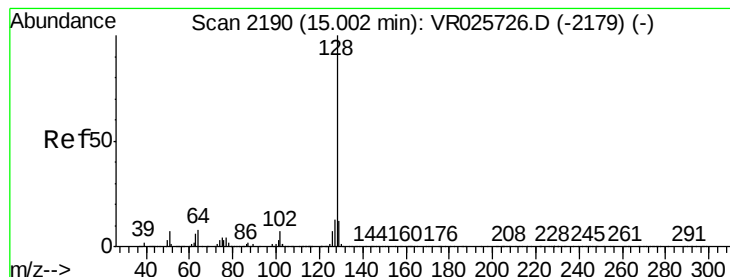
Abundance

Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): VR0

Ion 156.90 (156.60 to 157.60): VR0

Time-->



#69

Naphthalene

Concen: 0.46 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. 0.00 min

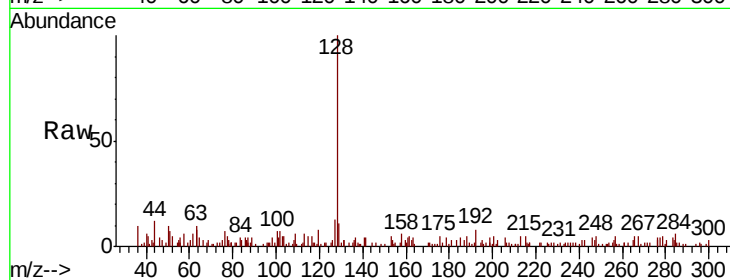
Lab File: VR025730.D

Acq: 14 Sep 2018 15:22

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion:	128	Resp:	8418
Ion	Ratio	Lower	Upper
128	100		
127	19.0	10.3	15.5#
129	13.0	9.0	13.6

