

Data File : VR026194.D
Acq On : 6 Nov 2018 16:43
Operator : SY/MD
Sample : VIBLK89
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VIBLK89

Quant Time: Nov 06 17:19:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	775293	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	620895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	224353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	232884	3.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.60%
7) Chloroethane-d5	2.63	69	217176	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	3.61	63	441280	2.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	6.59	46	256895	46.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.24%
24) Chloroform-d	7.20	84	414762	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.00%
26) 1,2-Dichloroethane-d4	7.90	65	177292	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	7.85	84	839350	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	8.90	67	213427	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	9.97	98	778402	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	10.24	79	52750	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	10.59	63	197520	50.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	83084	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	153083	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

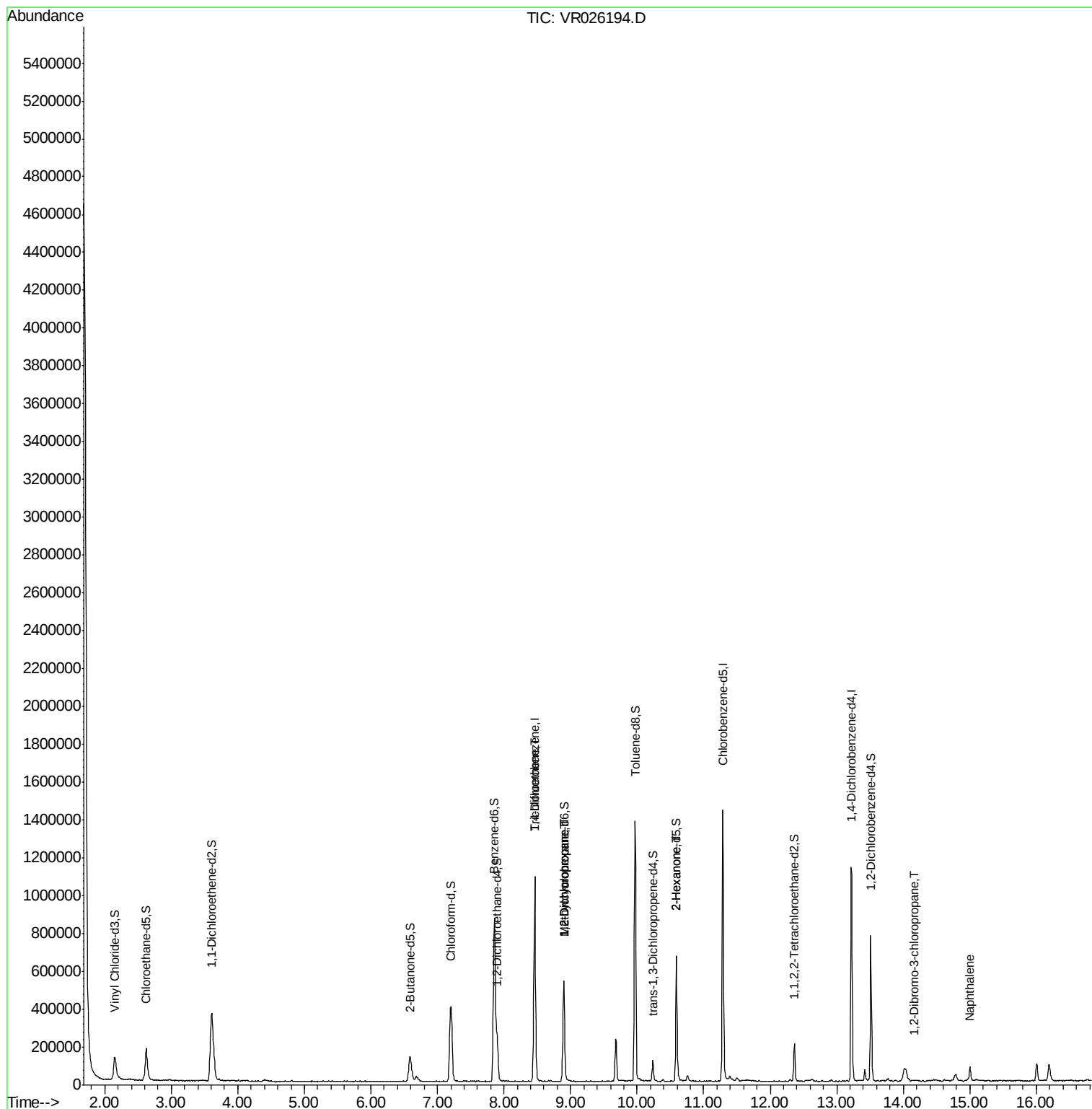
					Qvalue
34) Trichloroethene	8.46	95	28261	0.474 ug/L #	10
35) Methylcyclohexane	8.90	83	53957	0.608 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	27168	0.553 ug/L #	92
48) 2-Hexanone	10.59	43	29215	2.980 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.16	75	670	0.275 ug/L #	37
69) Naphthalene	15.00	128	58036	2.255 ug/L	98

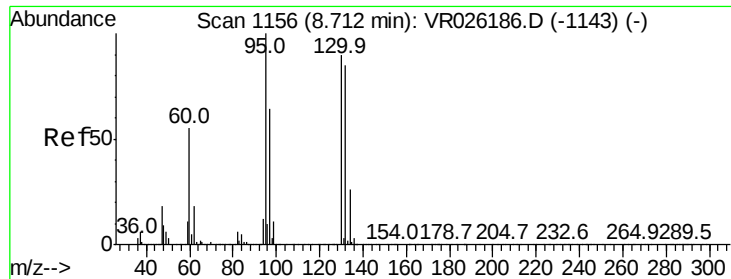
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.474 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Instrument :

MSVOA_R

ClientSampleId :

VIBLK89

Tgt Ion: 95 Resp: 28261

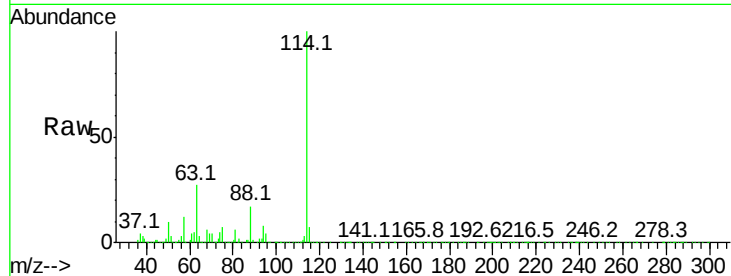
Ion Ratio Lower Upper

95 100

97 0.8 45.7 84.9#

132 1.1 58.3 108.3#

130 0.5 64.0 119.0#

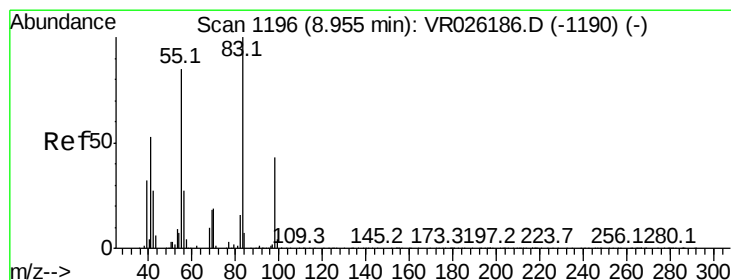
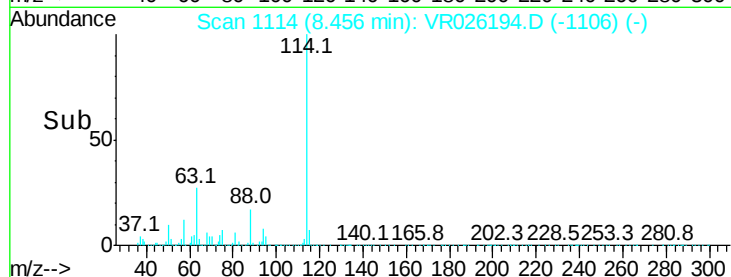
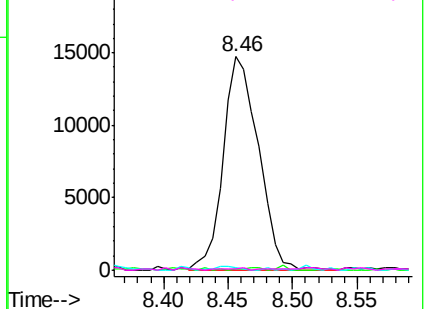


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.608 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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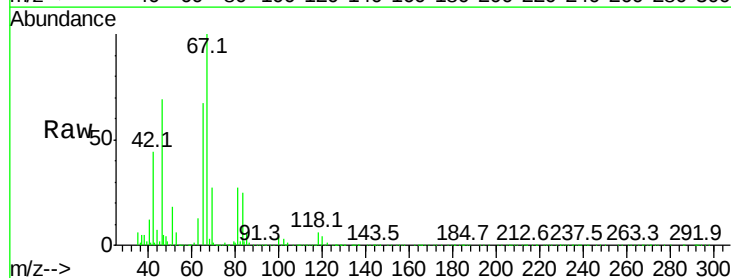
Tgt Ion: 83 Resp: 53957

Ion Ratio Lower Upper

83 100

55 1.1 66.8 100.2#

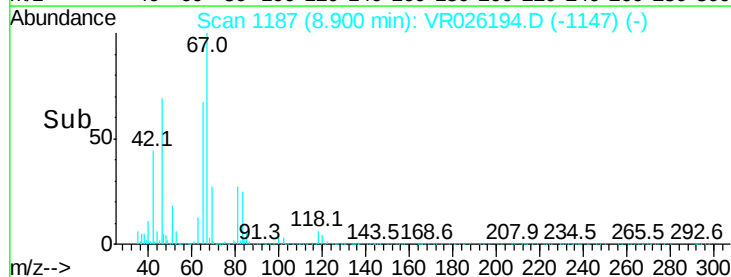
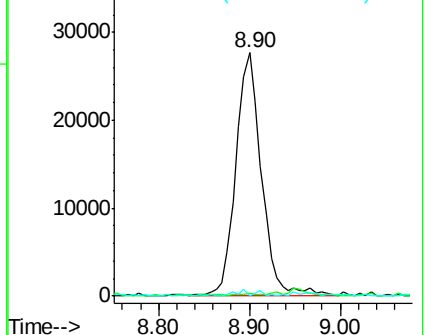
98 0.9 35.2 52.8#

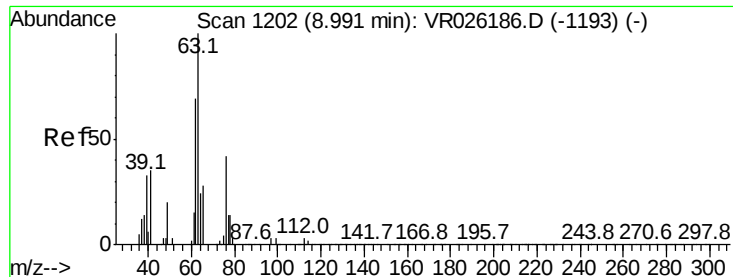


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

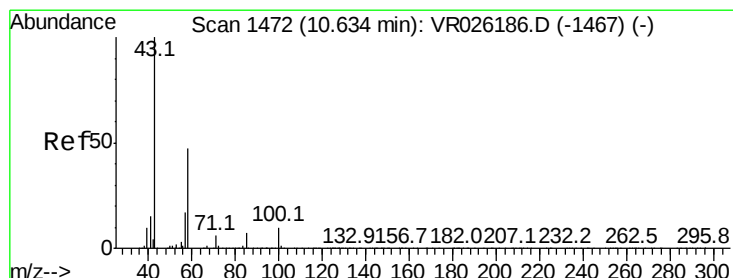
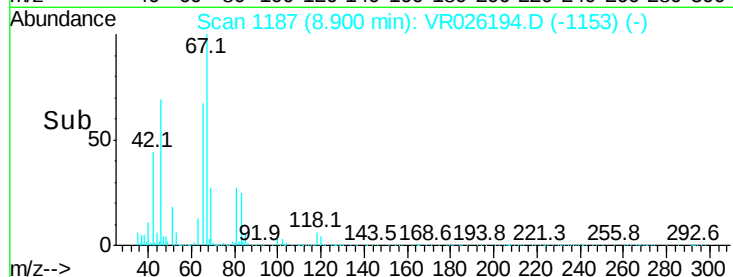
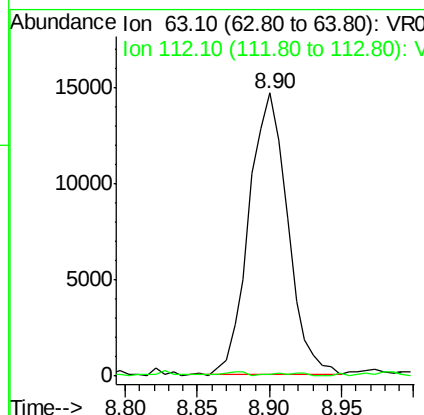
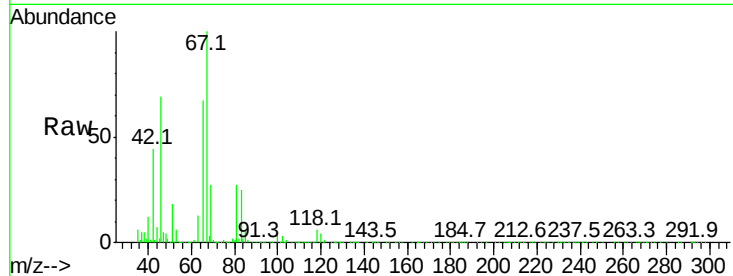




#37
 1,2-Dichloropropane
 Concen: 0.553 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
 Lab File: VR026194.D
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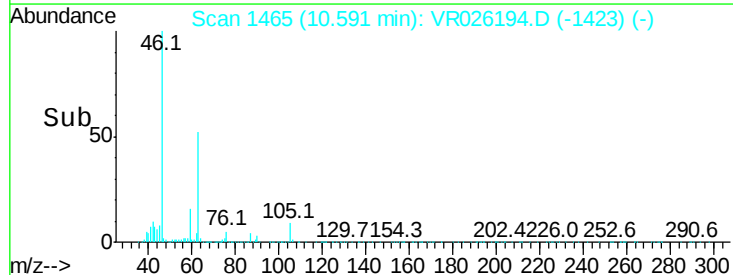
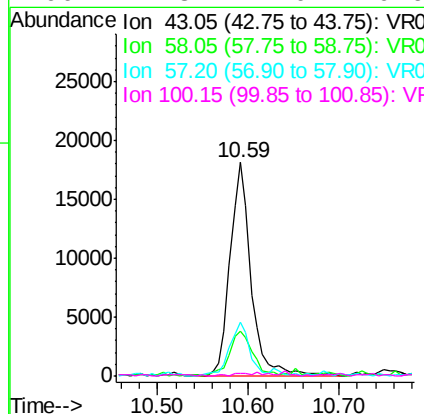
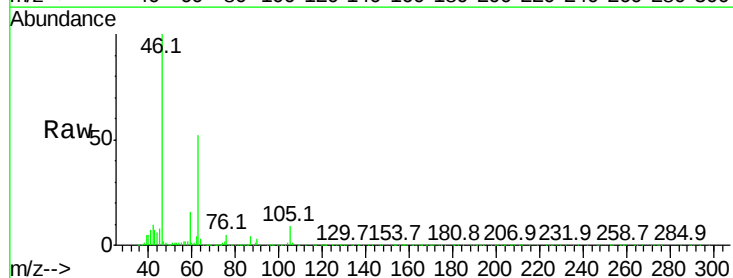
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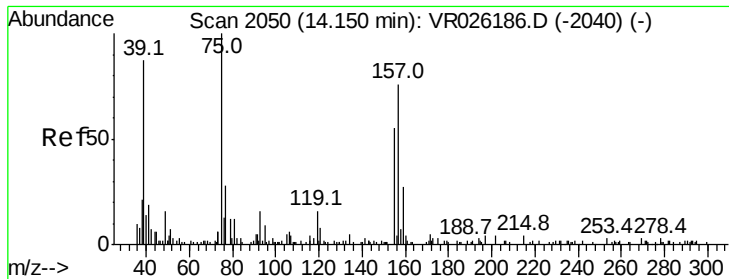
Tgt Ion: 63 Resp: 27168
 Ion Ratio Lower Upper
 63 100
 112 0.8 2.7 4.1#



#48
 2-Hexanone
 Concen: 2.980 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026194.D
 Acq: 6 Nov 2018 16:43

Tgt Ion: 43 Resp: 29215
 Ion Ratio Lower Upper
 43 100
 58 23.3 39.6 59.4#
 57 23.5 14.0 21.0#
 100 1.3 7.0 10.6#

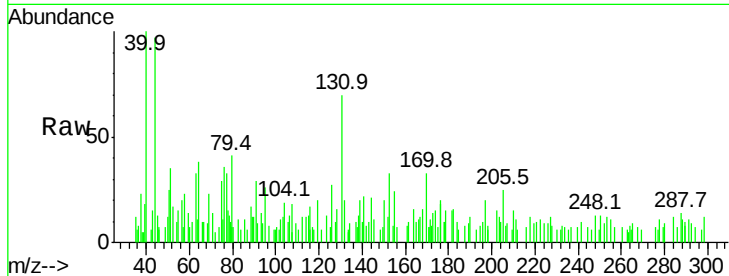




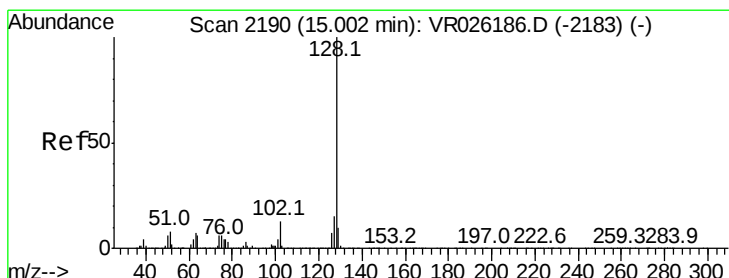
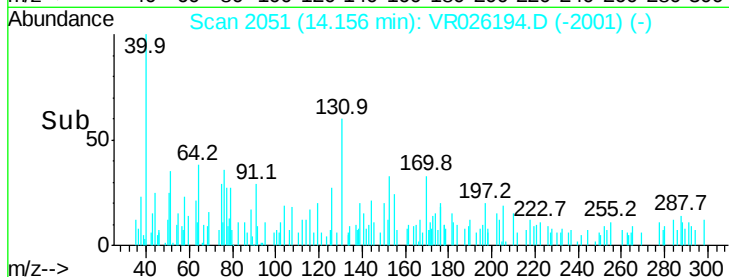
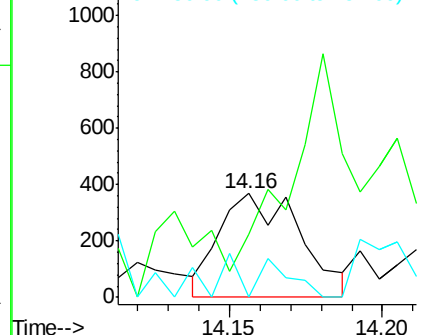
#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.275 ug/L
 RT: 14.16 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: VR026194.D
 Acq: 6 Nov 2018 16:43

Instrument :
 MSVOA_R
 ClientSampled :
 VIBLK89

Tgt Ion: 75 Resp: 670
 Ion Ratio Lower Upper
 75 100
 155 60.9 40.9 61.3
 157 0.0 67.3 100.9#

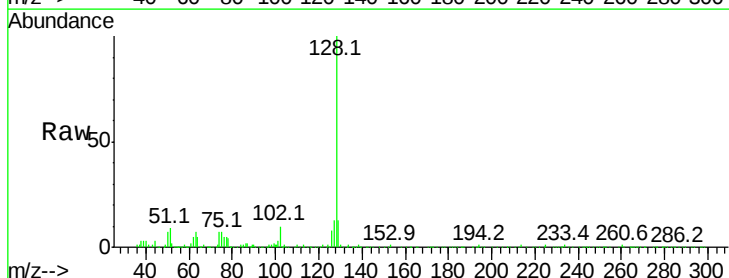


Abundance Ion 75.05 (74.75 to 75.75): VR0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V



#69
 Naphthalene
 Concen: 2.255 ug/L
 RT: 15.00 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: VR026194.D
 Acq: 6 Nov 2018 16:43

Tgt Ion: 128 Resp: 58036
 Ion Ratio Lower Upper
 128 100
 127 12.2 11.0 16.6
 129 11.3 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

