

Data File : VR026278.D
Acq On : 17 Dec 2018 23:37
Operator : SY/MD
Sample : J6418-22
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK02

Quant Time: Dec 18 00:34:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 18 00:30:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	501497	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	418113	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	115372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	169291	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	2.63	69	169543	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	3.60	63	336709	3.73	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	6.59	46	138139	48.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	7.20	84	321205	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.89	65	121728	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.85	84	623730	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	8.90	67	162355	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	9.97	98	552764	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	10.23	79	35339	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	10.59	63	87565	46.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58454	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	97714	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

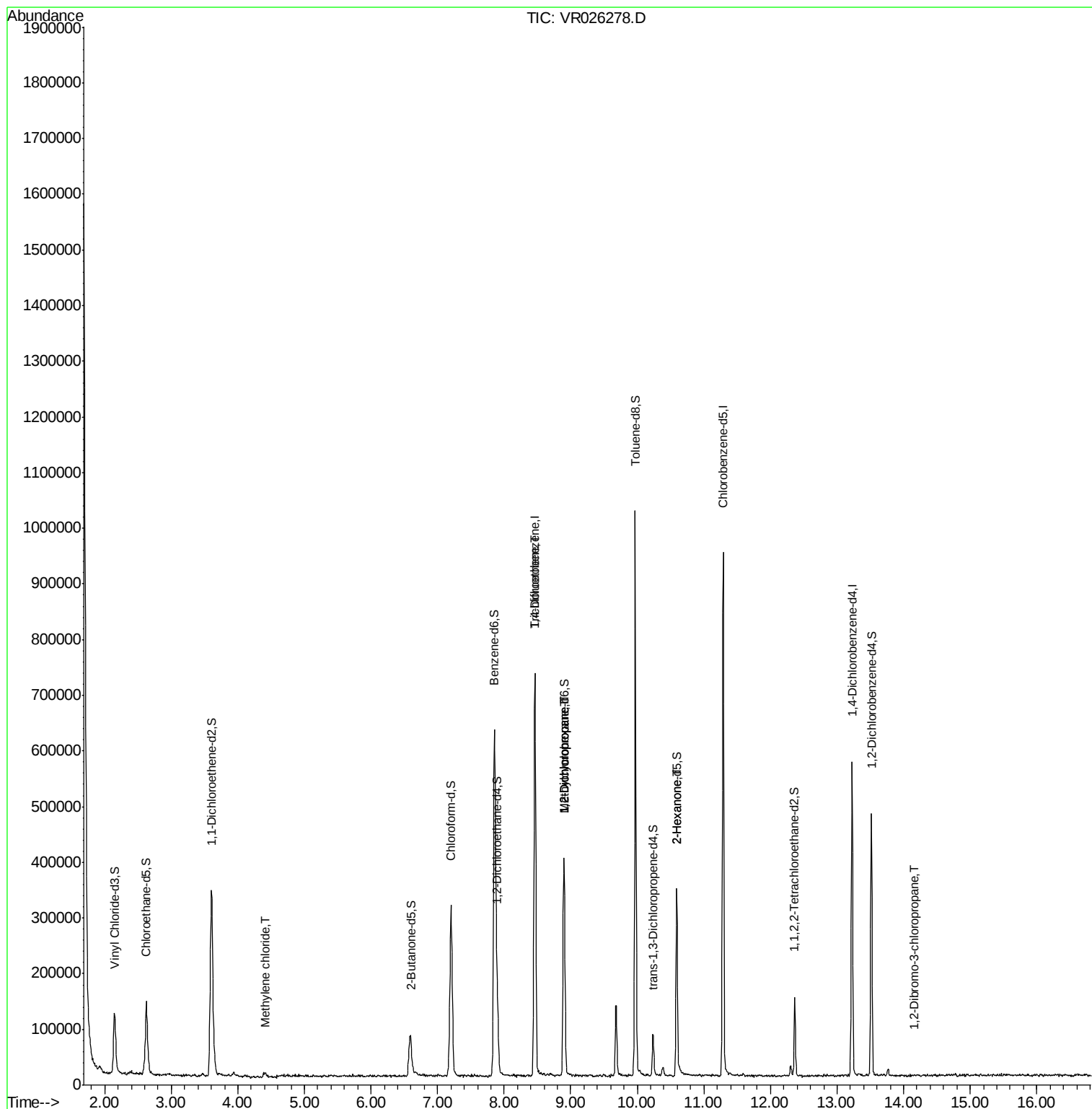
					Qvalue
16) Methylene chloride	4.40	84	5674	0.148 ug/L #	67
34) Trichloroethene	8.46	95	15284	0.352 ug/L #	10
35) Methylcyclohexane	8.90	83	40047	0.637 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	20009	0.594 ug/L #	91
48) 2-Hexanone	10.59	43	16058	3.072 ug/L #	66
66) 1,2-Dibromo-3-chloropropan	14.15	75	187	0.173 ug/L #	52

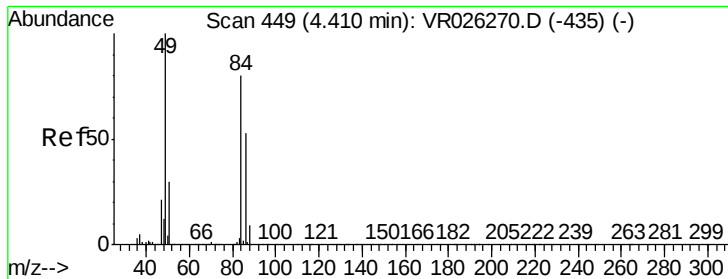
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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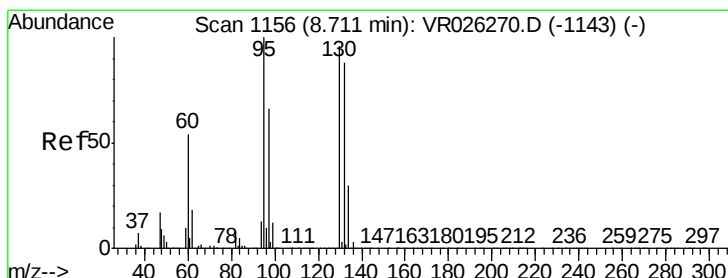
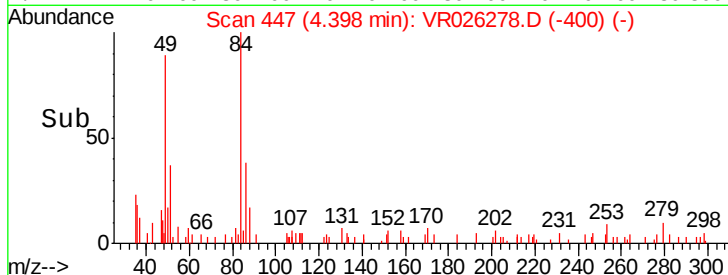
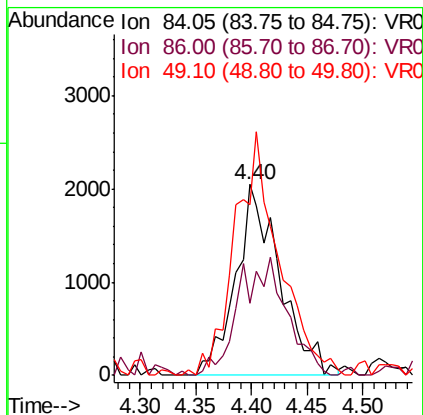
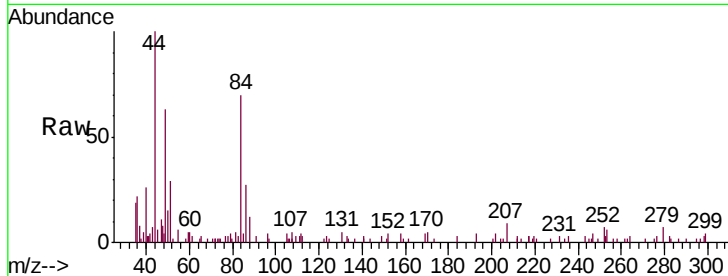




#16
Methylene chloride
Concen: 0.148 ug/L
RT: 4.40 min Scan# 447
Delta R.T. -0.01 min
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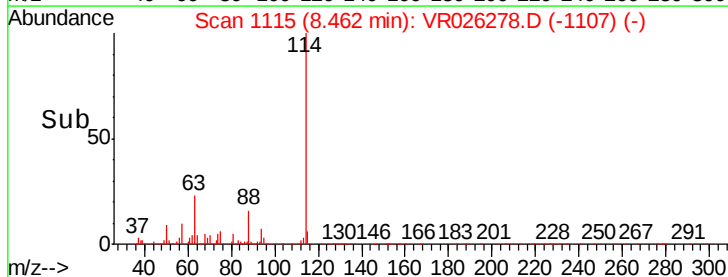
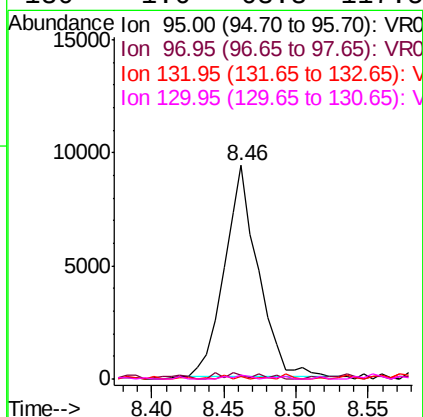
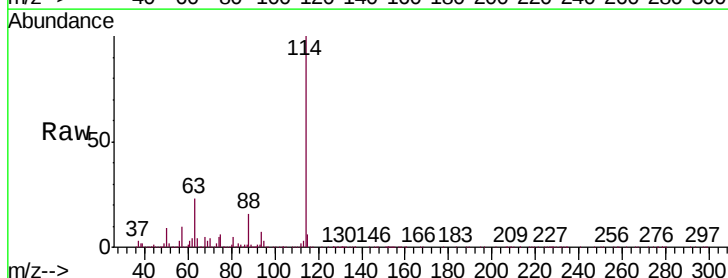
Instrument :
MSVOA_R
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VHBLK02

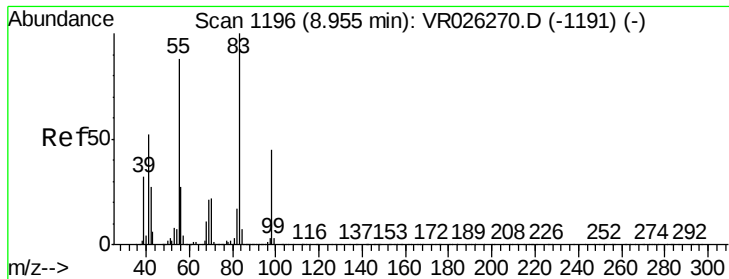
Tgt Ion: 84 Resp: 5674
Ion Ratio Lower Upper
84 100
86 37.9 45.8 85.0#
49 89.3 88.7 164.7



#34
Trichloroethene
Concen: 0.352 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026278.D
Acq: 17 Dec 2018 23:37

Tgt Ion: 95 Resp: 15284
Ion Ratio Lower Upper
95 100
97 1.7 44.8 83.2#
132 1.1 61.7 114.5#
130 1.6 63.3 117.5#

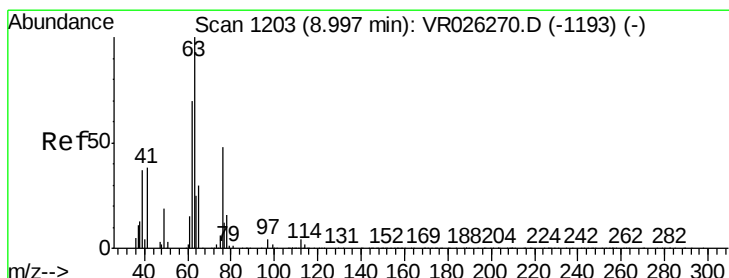
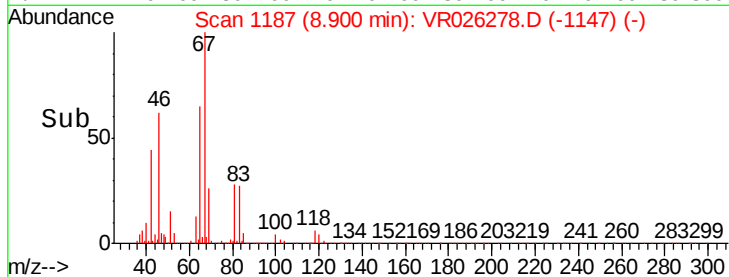
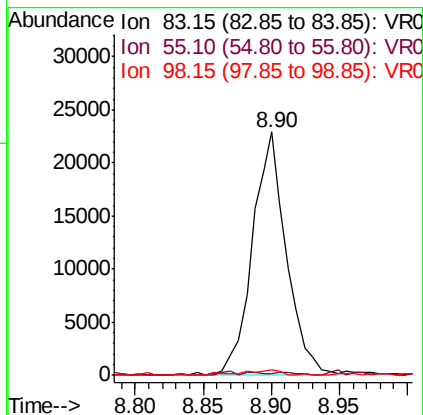
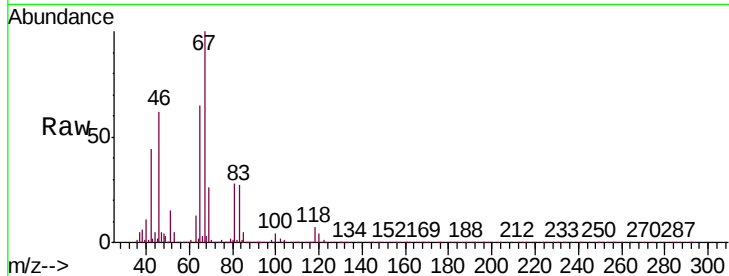




#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
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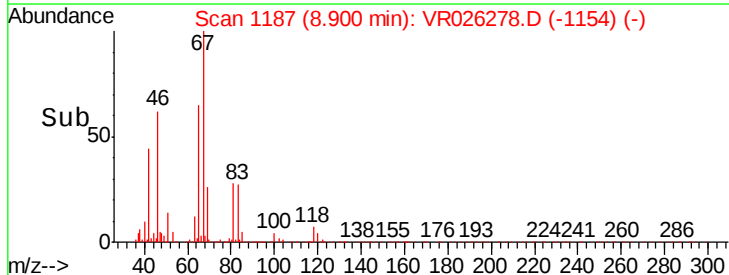
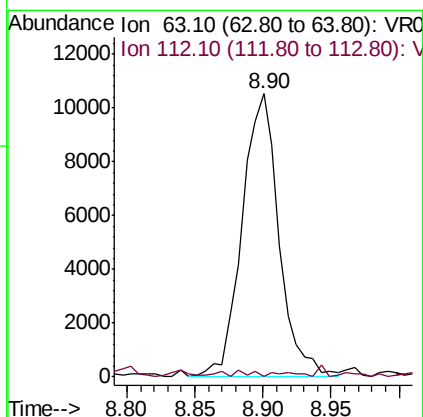
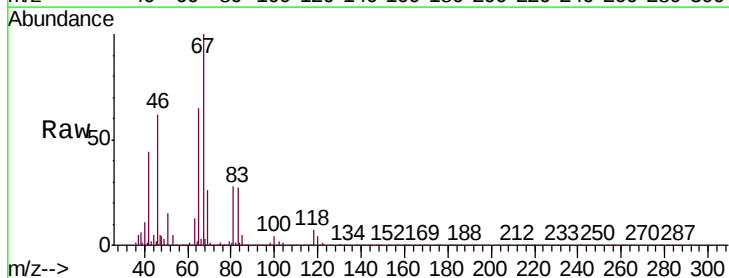
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MSVOA_R
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VHBLK02

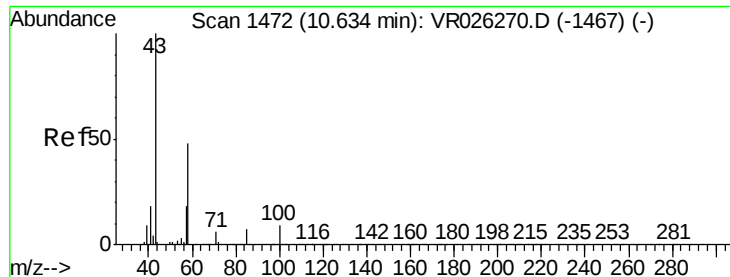
Tgt Ion: 83 Resp: 40047
Ion Ratio Lower Upper
83 100
55 0.8 66.6 99.8#
98 2.0 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026278.D
Acq: 17 Dec 2018 23:37

Tgt Ion: 63 Resp: 20009
Ion Ratio Lower Upper
63 100
112 1.0 3.0 4.6#





#48

2-Hexanone

Concen: 3.072 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026278.D

Acq: 17 Dec 2018 23:37

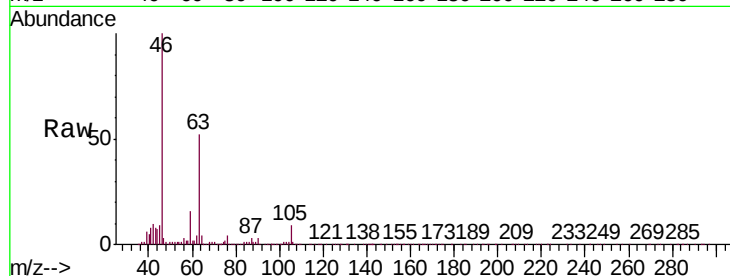
Instrument :

MSVOA_R

ClientSampled :

VHBLK02

Tgt Ion:	43	Resp:	16058
Ion	Ratio	Lower	Upper
43	100		
58	26.3	40.5	60.7#
57	36.2	14.2	21.4#
100	3.4	7.5	11.3#

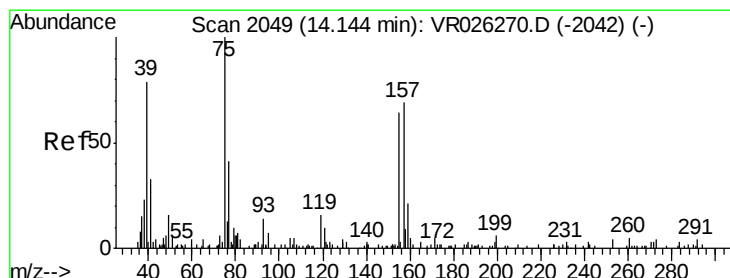
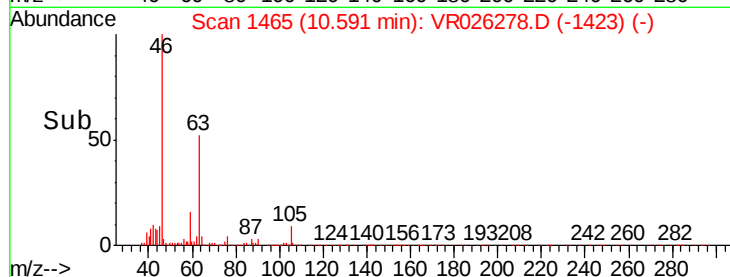
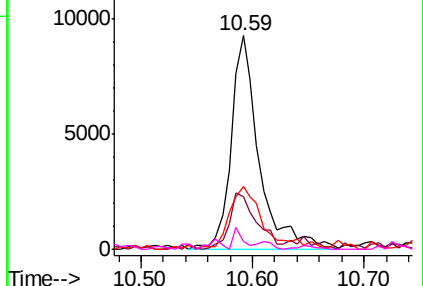


Abundance Ion 43.05 (42.75 to 43.75): VR0

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



#66

1,2-Dibromo-3-chloropropane

Concen: 0.173 ug/L

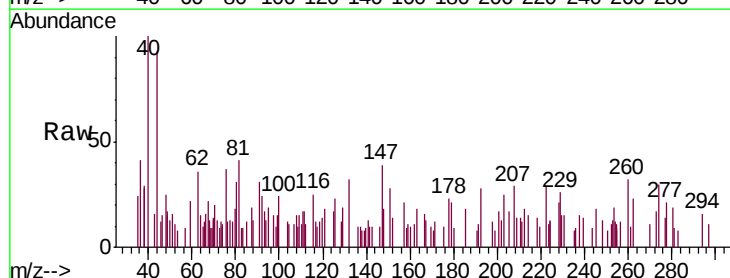
RT: 14.15 min Scan# 2050

Delta R.T. 0.01 min

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Tgt Ion:	75	Resp:	187
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.4	66.6#
157	57.0	66.3	99.5#



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

