

Data File : VR026494.D
Acq On : 7 Apr 2019 13:51
Operator : SY/MD
Sample : K2282-10
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZ08

Quant Time: Apr 08 03:02:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Apr 08 02:57:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	515263	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	424100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	117417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	143745	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	2.63	69	130949	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	3.60	63	307173	3.03	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	6.59	46	154524	44.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.54%
24) Chloroform-d	7.20	84	317445	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	7.89	65	133031	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	7.85	84	562825	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	8.89	67	154245	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	9.97	98	475488	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	10.23	79	26590	2.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.20%
46) 2-Hexanone-d5	10.59	63	122696	49.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58924	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	94565	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

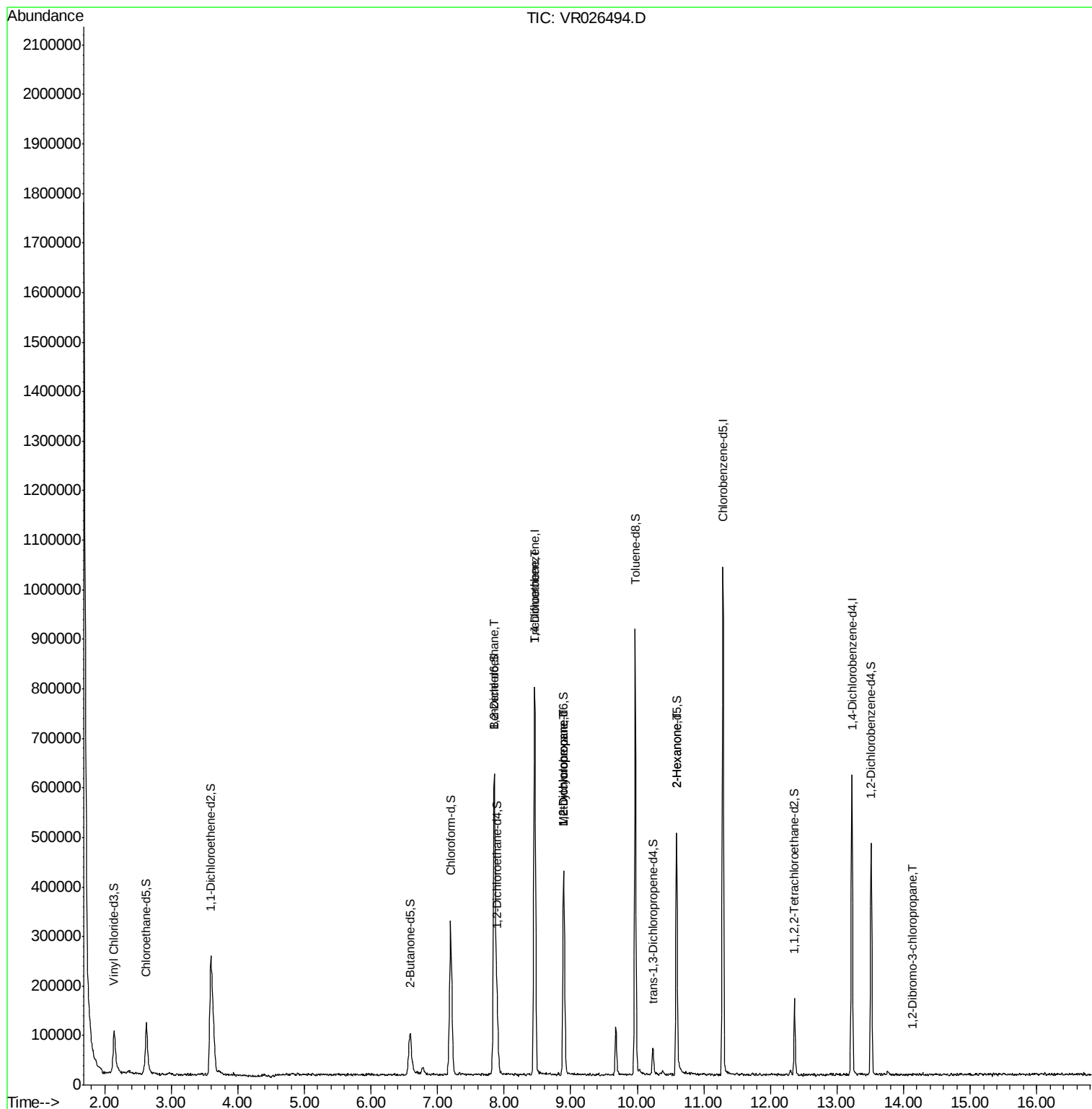
					Qvalue
27) 1,2-Dichloroethane	7.85	62	4465	0.117 ug/L	98
34) Trichloroethene	8.46	95	18133	0.408 ug/L #	12
35) Methylcyclohexane	8.89	83	37345	0.590 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	19618	0.540 ug/L	100
48) 2-Hexanone	10.59	43	23114	3.265 ug/L #	73
66) 1,2-Dibromo-3-chloropropan	14.14	75	223	0.186 ug/L #	32

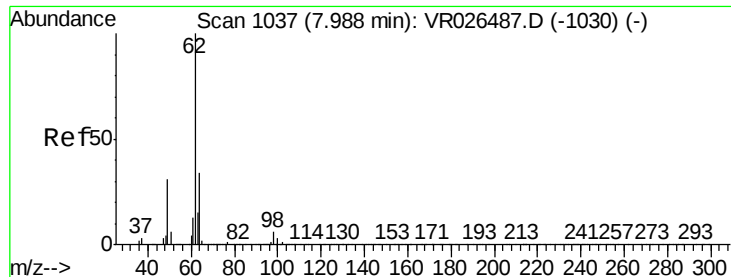
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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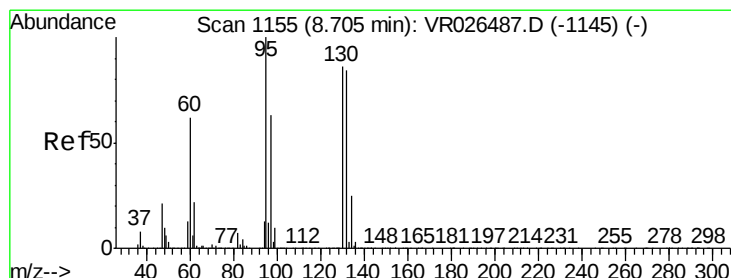
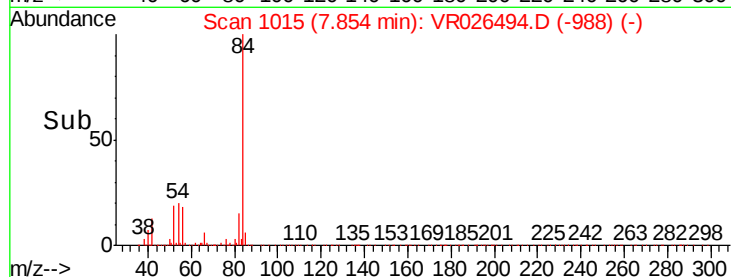
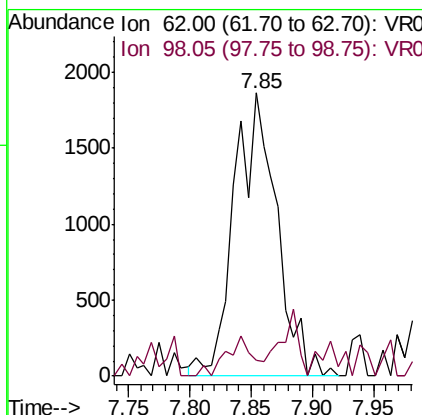
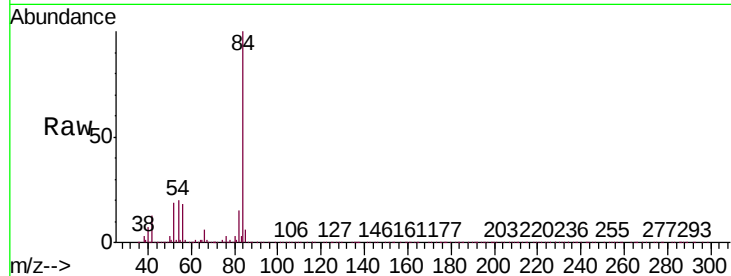




#27
1,2-Dichloroethane
Concen: 0.117 ug/L
RT: 7.85 min Scan# 1015
Delta R.T. -0.13 min
Lab File: VR026494.D
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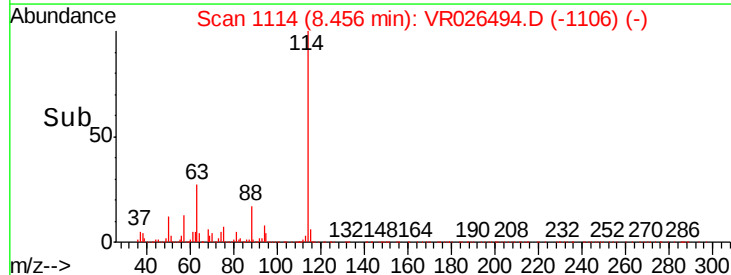
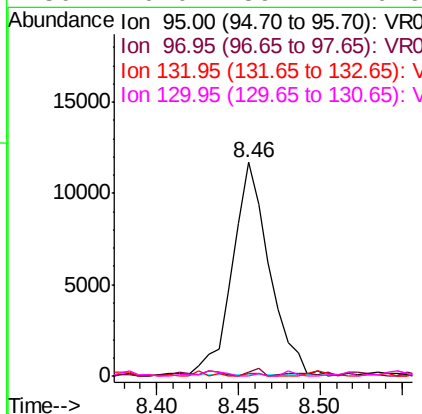
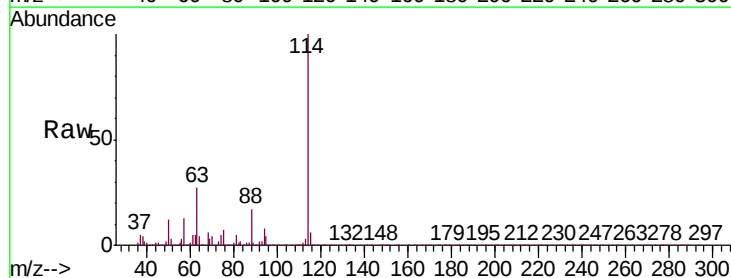
Instrument :
MSVOA_R
ClientSampleId :
BEZ08

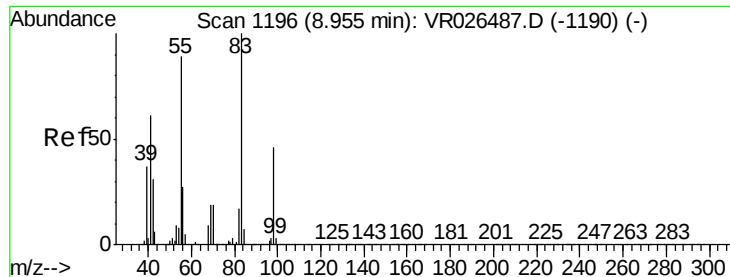
Tgt Ion: 62 Resp: 4465
Ion Ratio Lower Upper
62 100
98 5.4 4.8 7.2



#34
Trichloroethene
Concen: 0.408 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.25 min
Lab File: VR026494.D
Acq: 7 Apr 2019 13:51

Tgt Ion: 95 Resp: 18133
Ion Ratio Lower Upper
95 100
97 1.7 43.8 81.3#
132 1.4 57.2 106.2#
130 0.0 59.7 110.9#

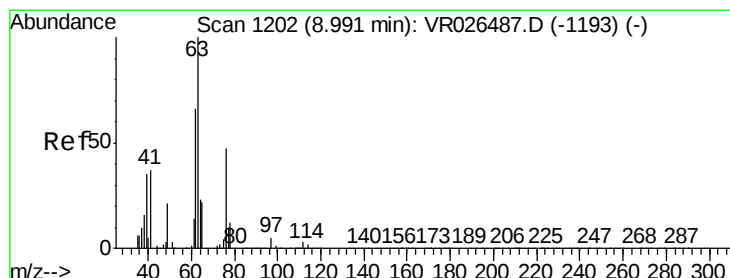
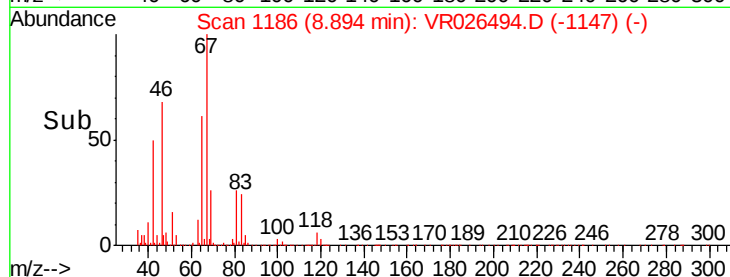
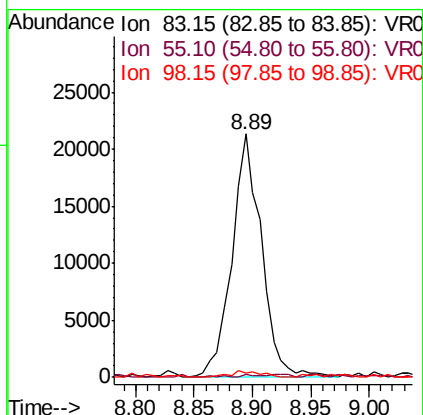
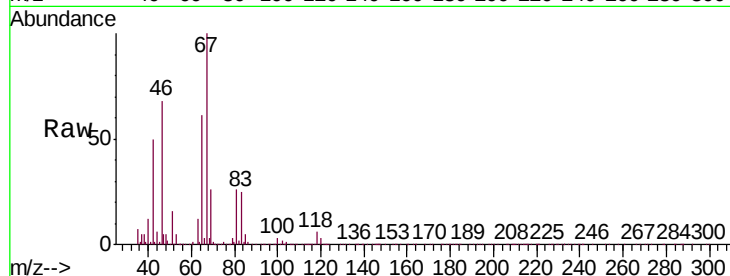




#35
Methylcyclohexane
Concen: 0.590 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026494.D
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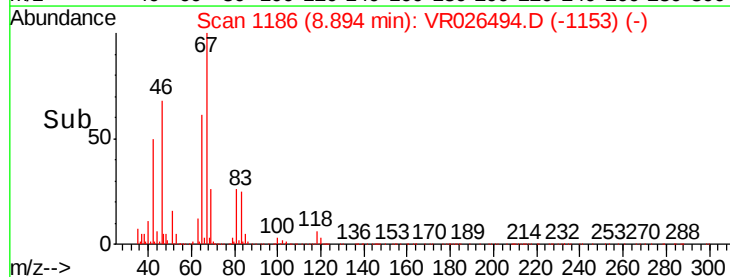
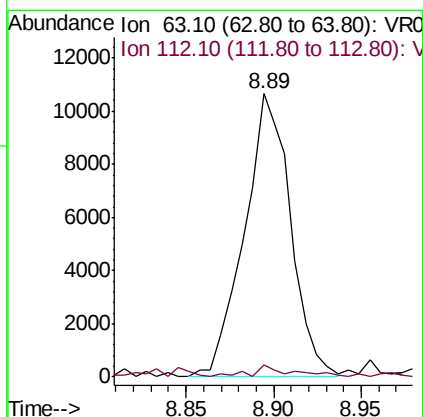
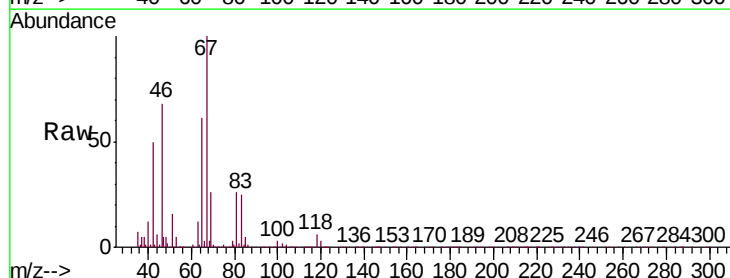
Instrument :
MSVOA_R
ClientSampled :
BEZ08

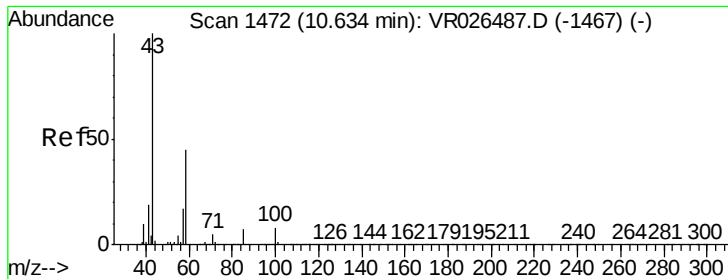
Tgt Ion: 83 Resp: 37345
Ion Ratio Lower Upper
83 100
55 0.8 73.8 110.6#
98 2.7 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026494.D
Acq: 7 Apr 2019 13:51

Tgt Ion: 63 Resp: 19618
Ion Ratio Lower Upper
63 100
112 3.6 2.8 4.2





#48

2-Hexanone

Concen: 3.265 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026494.D

Acq: 7 Apr 2019 13:51

Instrument :

MSVOA_R

ClientSampleId :

BEZ08

Tgt Ion: 43 Resp: 23114

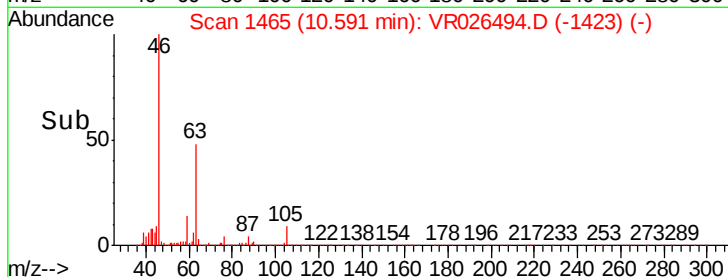
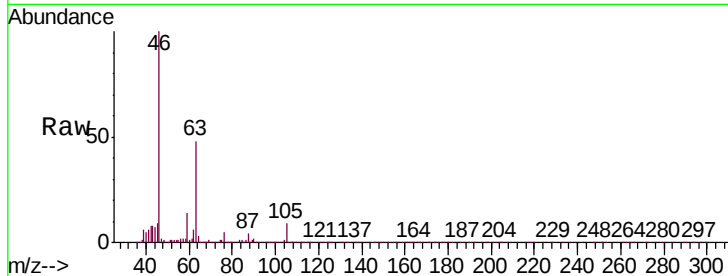
Ion Ratio Lower Upper

43 100

58 29.9 38.2 57.2#

57 32.9 13.8 20.6#

100 3.1 6.2 9.2#

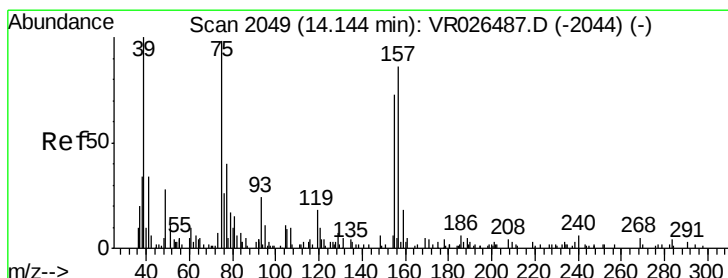
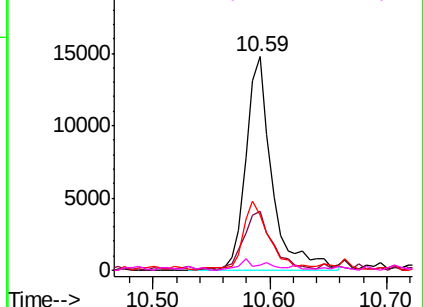


Abundance Ion 43.05 (42.75 to 43.75): VR0

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: 0.186 ug/L

RT: 14.14 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VR026494.D

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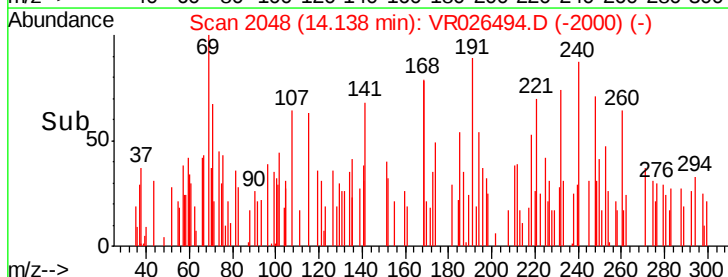
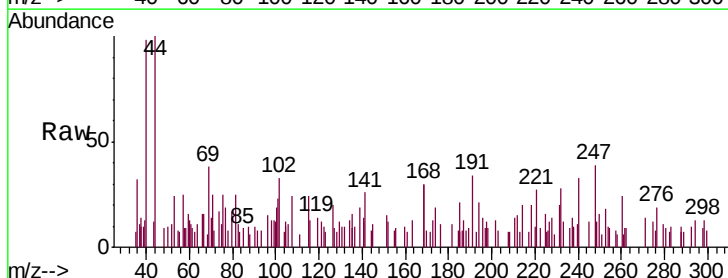
Tgt Ion: 75 Resp: 223

Ion Ratio Lower Upper

75 100

155 65.2 36.1 54.1#

157 0.0 62.4 93.6#



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

