

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101718\
 Data File : VR026121.D
 Acq On : 17 Oct 2018 18:32
 Operator : SY/MD
 Sample : J5464-11 40X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JE6

Quant Time: Oct 19 02:50:30 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	539450	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	442809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	136342	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	253638	5.37	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	2.63	69	203864	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	3.61	63	441300	3.81	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	6.59	46	210351	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	7.20	84	347364	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	7.90	65	153732	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	7.85	84	701211	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	8.90	67	193230	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	9.97	98	655873	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	10.24	79	41563	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	10.59	63	168311	60.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71981	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	117270	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

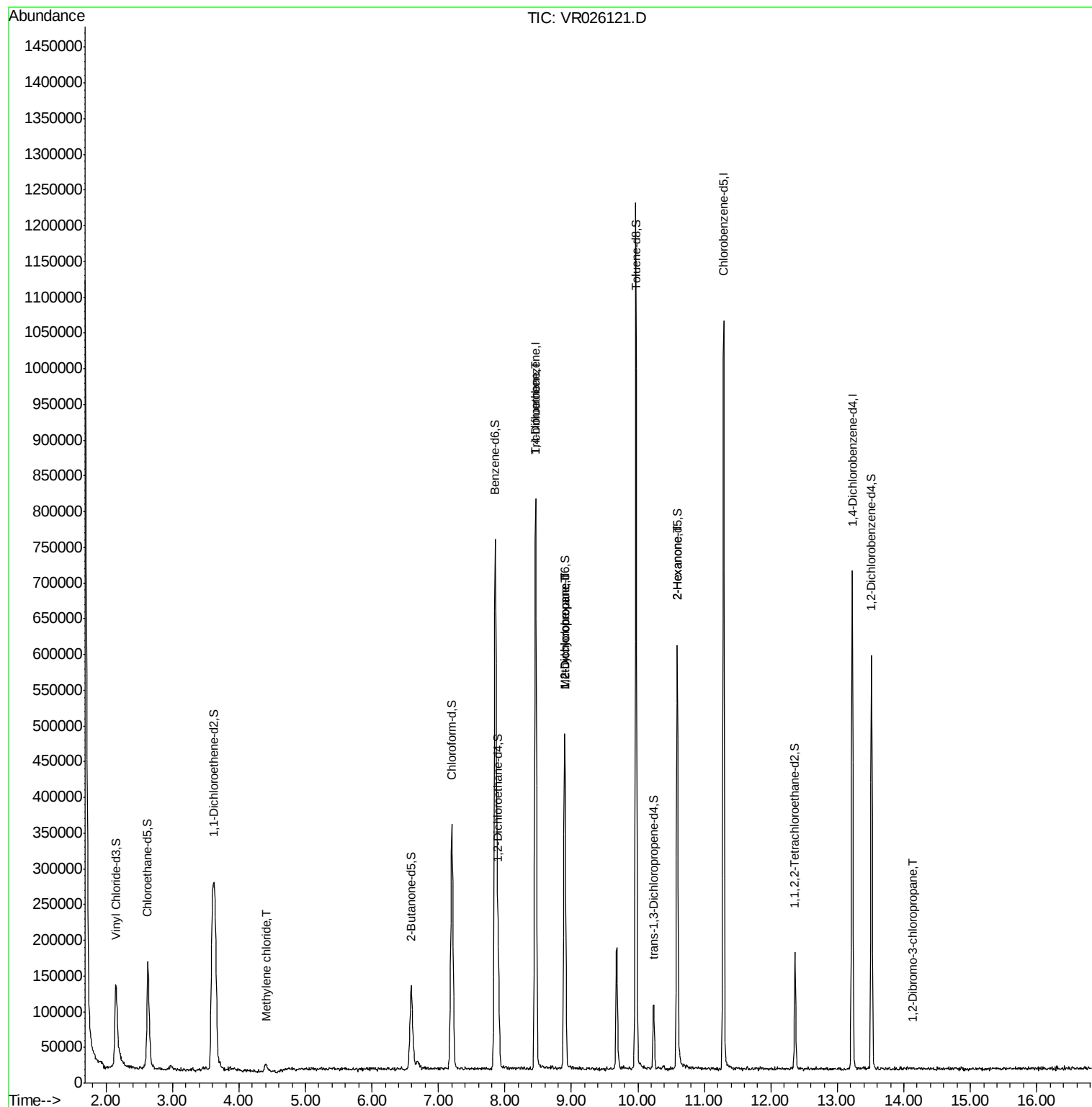
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.41	84	7250	0.152	ug/L	83
34) Trichloroethene	8.46	95	18598	0.437	ug/L #	9
35) Methylcyclohexane	8.90	83	44367	0.701	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	25225	0.720	ug/L #	98
48) 2-Hexanone	10.59	43	24949	3.568	ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.13	75	274	0.185	ug/L #	77

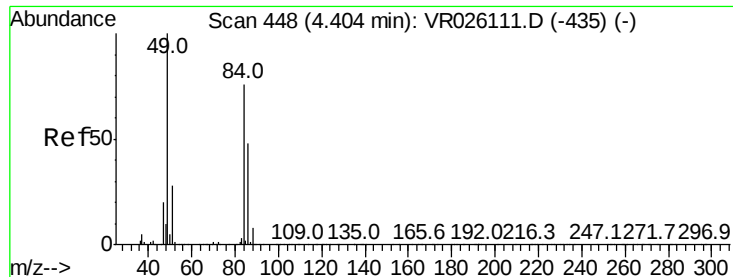
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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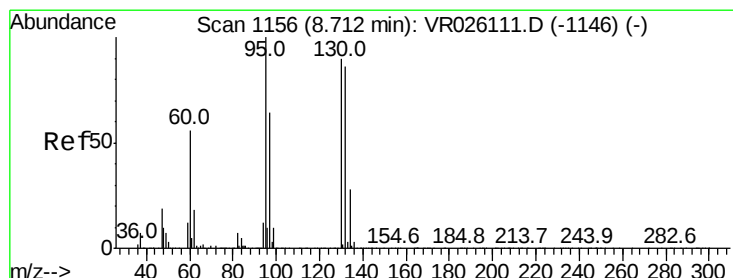
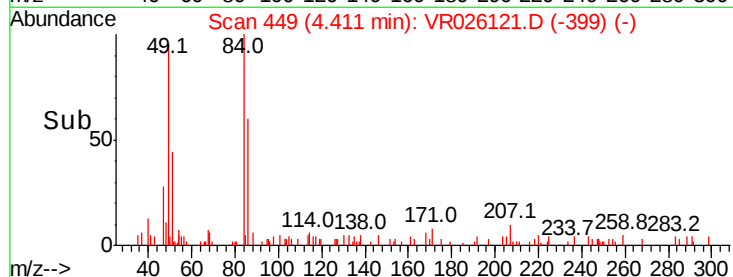
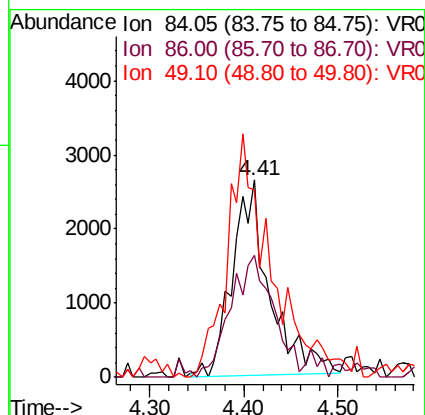
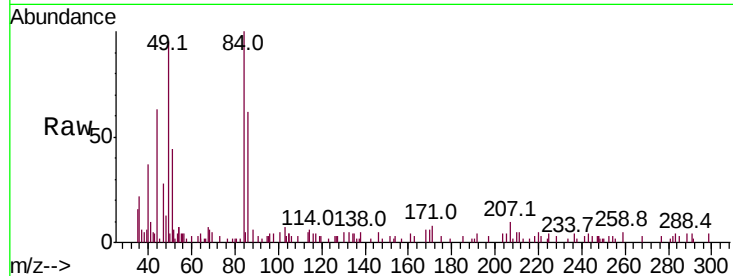




#16
Methylene chloride
Concen: 0.152 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.01 min
Lab File: VR026121.D
Acq: 17 Oct 2018 18:32

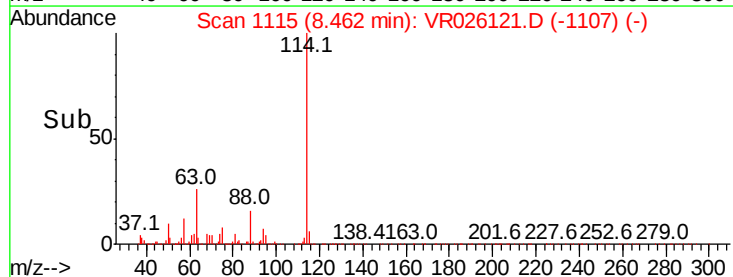
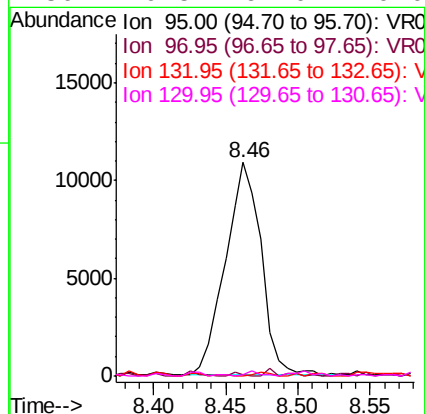
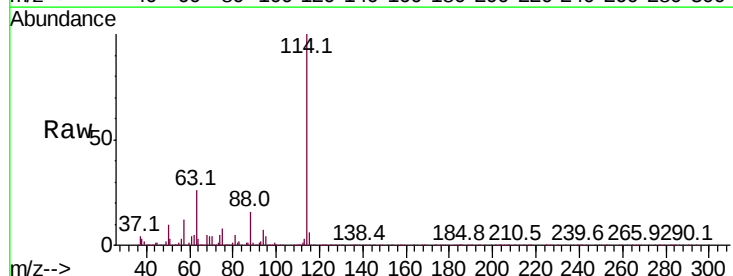
Instrument :
MSVOA_R
ClientSampled :
C0JE6

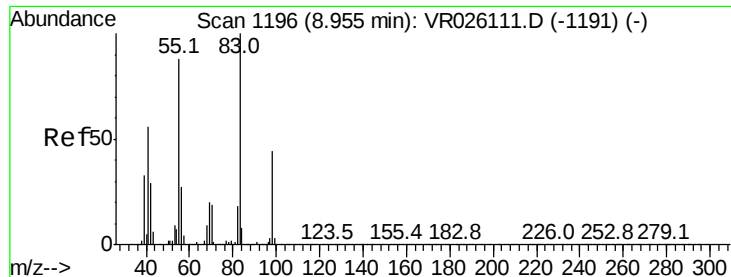
Tot Ion: 84 Resp: 7250
Ion Ratio Lower Upper
84 100
86 61.6 43.0 79.8
49 98.4 89.1 165.5



#34
Trichloroethene
Concen: 0.437 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026121.D
Acq: 17 Oct 2018 18:32

Tgt Ion: 95 Resp: 18598
Ion Ratio Lower Upper
95 100
97 0.8 45.7 84.9#
132 0.0 58.3 108.3#
130 0.5 64.0 119.0#

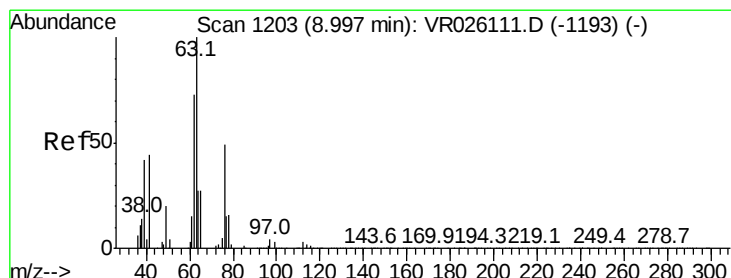
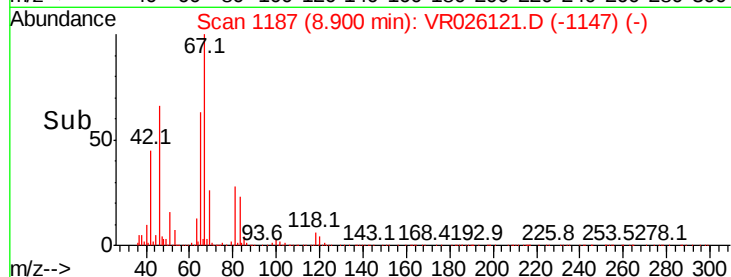
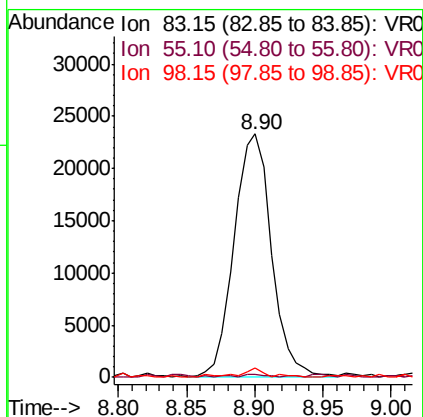
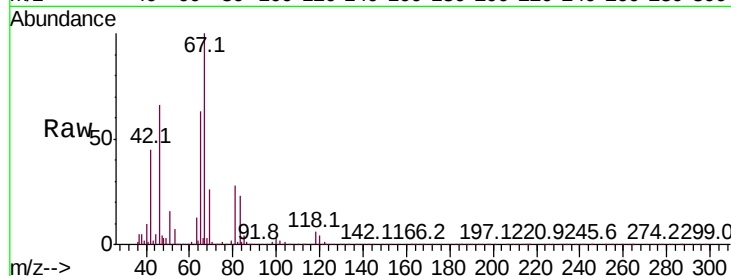




#35
Methvlcvclohexane
Concen: 0.701 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026121.D
Acq: 17 Oct 2018 18:32

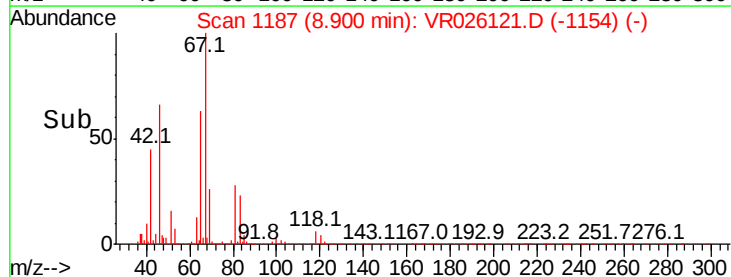
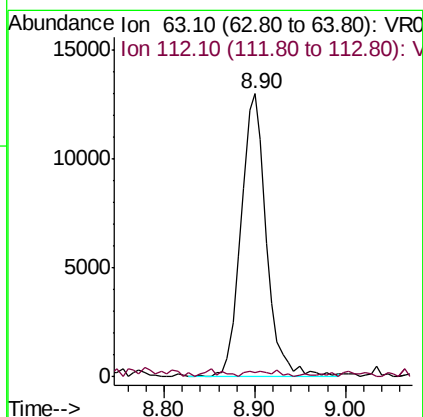
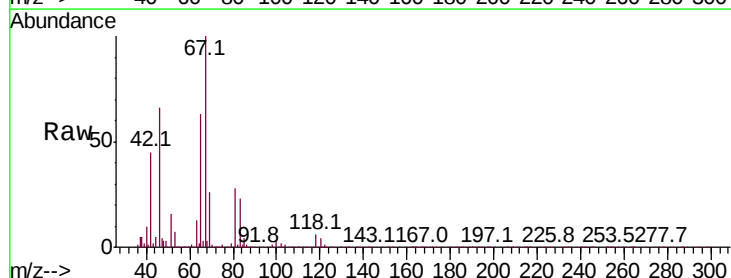
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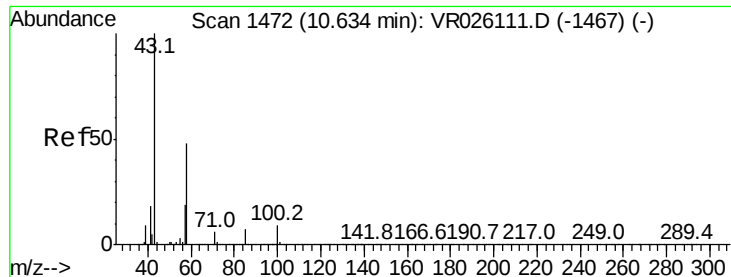
Tot Ion	83	Resp	44367
Ion Ratio	100	Lower	Upper
55	1.0	66.8	100.2#
98	2.4	35.2	52.8#



#37
1,2-Dichloropropane
Concen: 0.720 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026121.D
Acq: 17 Oct 2018 18:32

Tgt Ion	63	Resp	25225
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
112	2.6	2.7	4.1#





#48

2-Hexanone

Concen: 3.568 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026121.D

Acq: 17 Oct 2018 18:32

Instrument :

MSVOA_R

ClientSampleId :

C0JE6

Tot Ion: 43 Resp: 24949

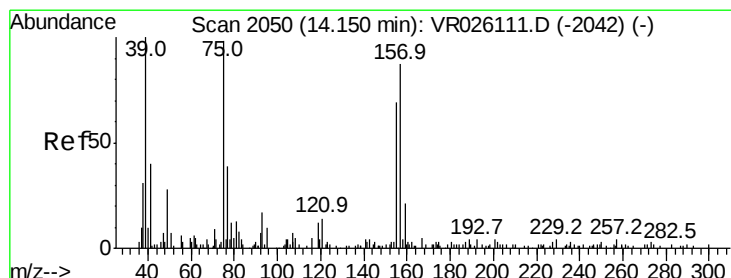
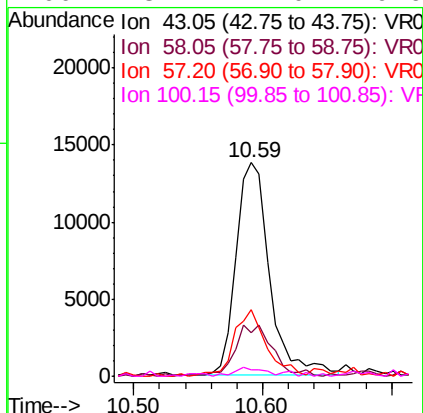
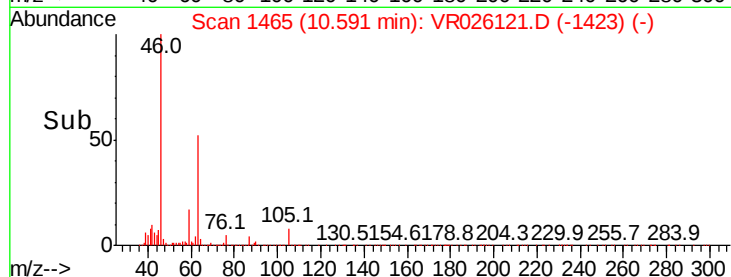
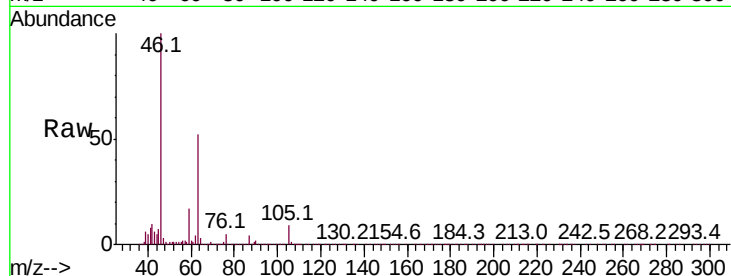
Ion Ratio Lower Upper

43 100

58 27.1 39.6 59.4#

57 30.3 14.0 21.0#

100 3.7 7.0 10.6#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.185 ug/L

RT: 14.13 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VR026121.D

Acq: 17 Oct 2018 18:32

Tgt Ion: 75 Resp: 274

Ion Ratio Lower Upper

75 100

155 44.7 40.9 61.3

157 55.7 67.3 100.9#

