

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026549.D
 Acq On : 10 Apr 2019 10:13
 Operator : SY/MD
 Sample : K2289-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZJ1

Quant Time: Apr 11 03:10:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 03:05:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	533728	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	434046	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	126310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	170249	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	2.62	69	152890	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	3.60	63	365469	3.48	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	6.59	46	172936	47.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.66%
24) Chloroform-d	7.20	84	359709	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.89	65	149140	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	7.85	84	646250	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	8.89	67	171627	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	9.97	98	587662	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	10.23	79	37948	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	10.59	63	134676	52.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.40%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65512	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	121062	6.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.60%#

Target Compounds

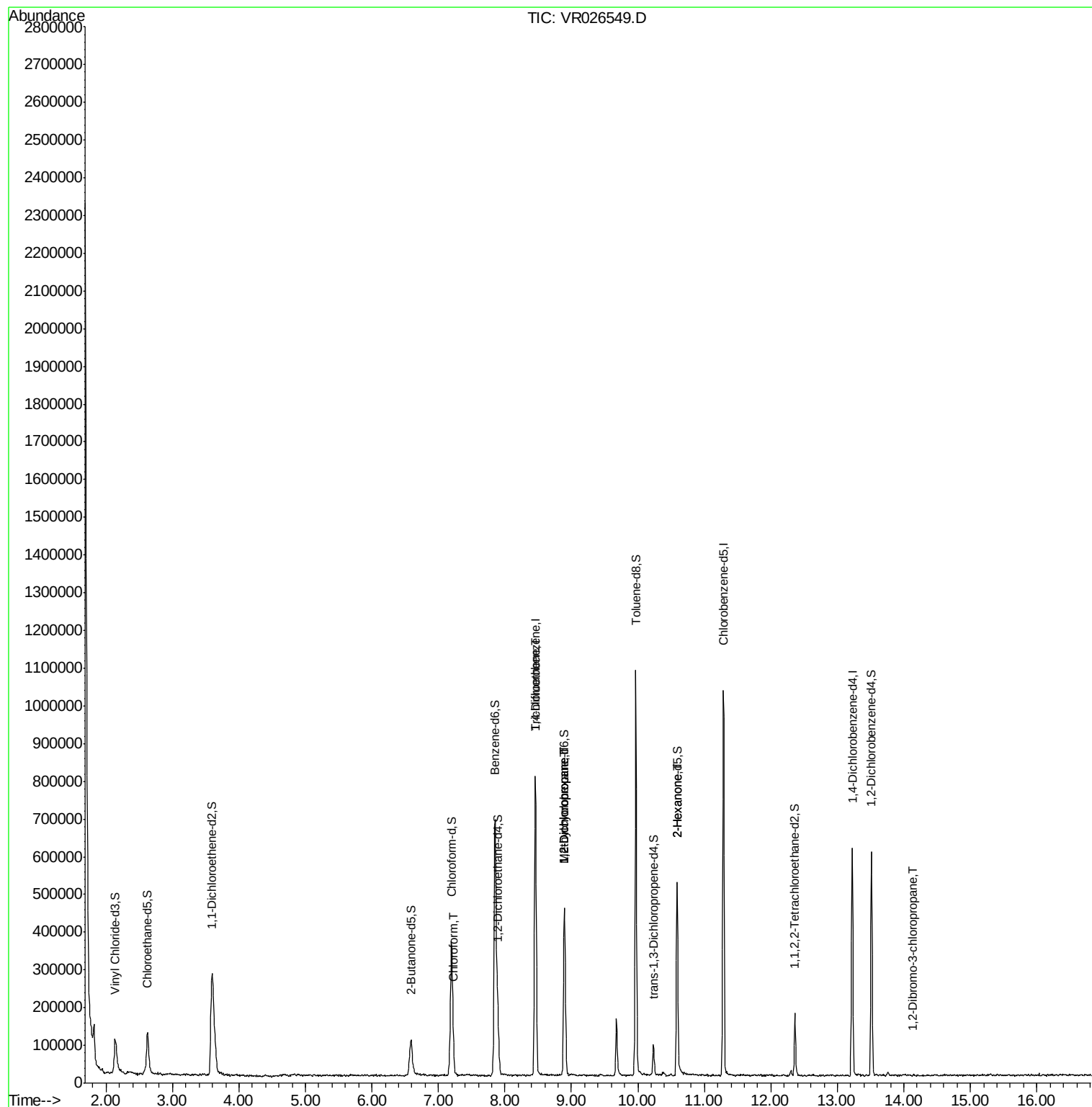
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	7.23	83	13170	0.166	ug/L	99
34) Trichloroethene	8.46	95	19140	0.421	ug/L #	13
35) Methylcyclohexane	8.89	83	42540	0.657	ug/L #	16
37) 1,2-Dichloropropane	8.89	63	23689	0.637	ug/L #	91
48) 2-Hexanone	10.59	43	23598	3.257	ug/L #	74
66) 1,2-Dibromo-3-chloropropan	14.13	75	327	0.253	ug/L #	67

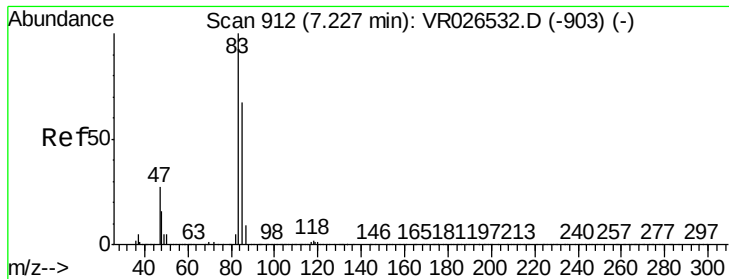
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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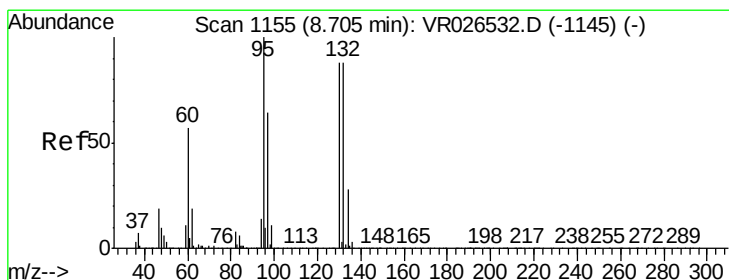
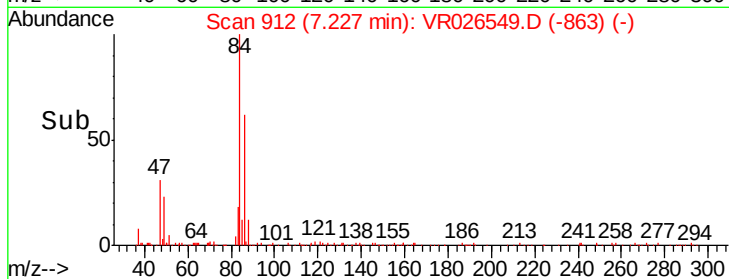
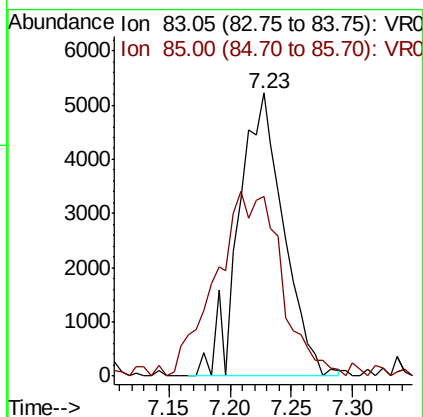
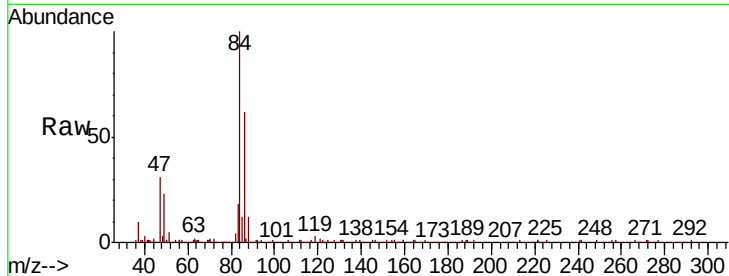




#25
Chloroform
Concen: 0.166 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.00 min
Lab File: VR026549.D
Acq: 10 Apr 2019 10:13

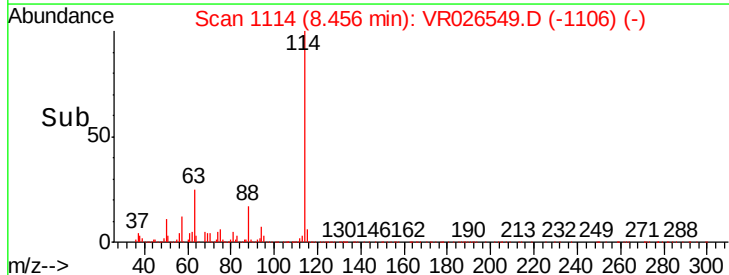
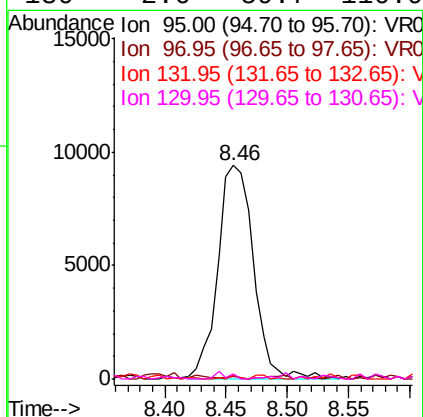
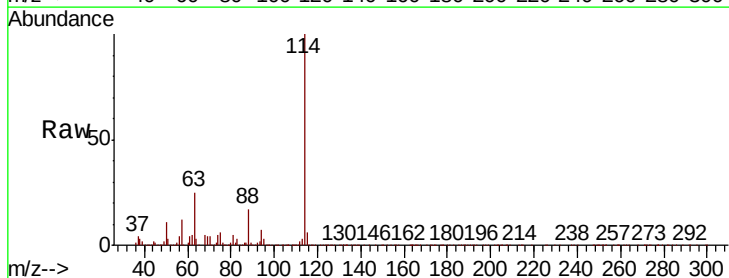
Instrument :
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BEZJ1

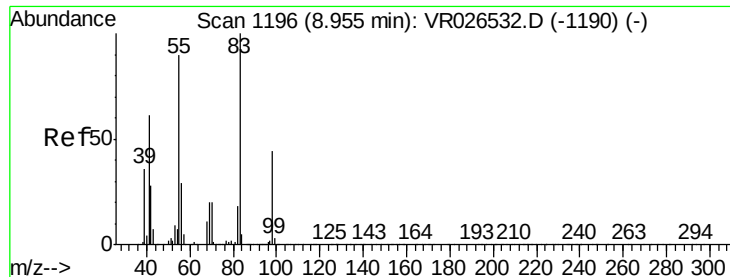
Tot Ion: 83 Resp: 13170
Ion Ratio Lower Upper
83 100
85 63.6 44.2 82.0



#34
Trichloroethene
Concen: 0.421 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.25 min
Lab File: VR026549.D
Acq: 10 Apr 2019 10:13

Tgt Ion: 95 Resp: 19140
Ion Ratio Lower Upper
95 100
97 1.0 43.8 81.3#
132 1.6 57.2 106.2#
130 2.6 59.7 110.9#

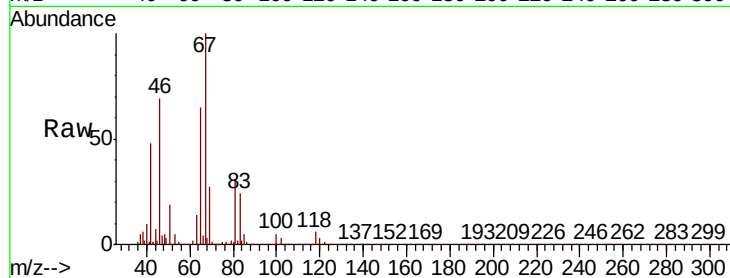




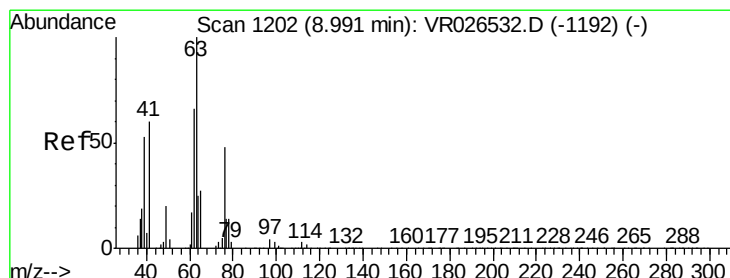
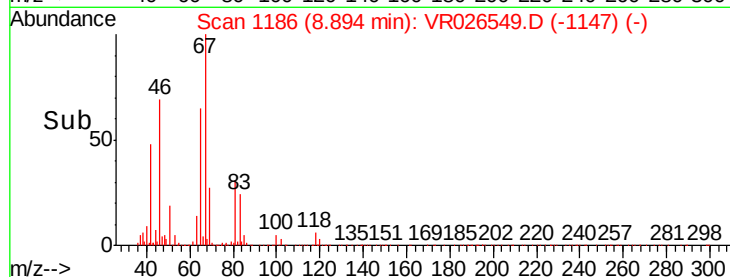
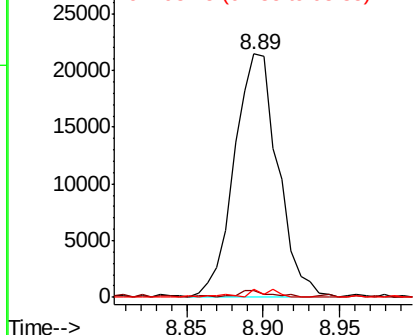
#35
Methylvlcyclohexane
Concen: 0.657 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026549.D
Acq: 10 Apr 2019 10:13

Instrument :
MSVOA_R
ClientSampleId :
BEZJ1

Tot Ion: 83 Resp: 42540
Ion Ratio Lower Upper
83 100
55 2.3 73.8 110.6#
98 2.4 34.6 51.8#

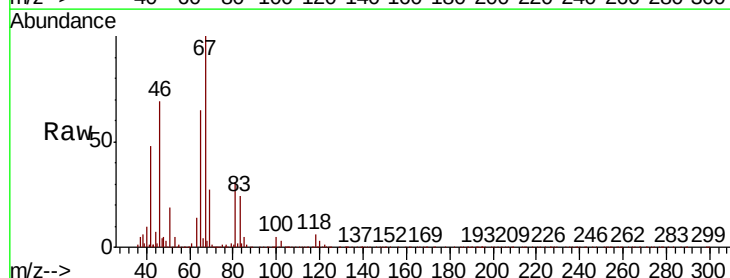


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

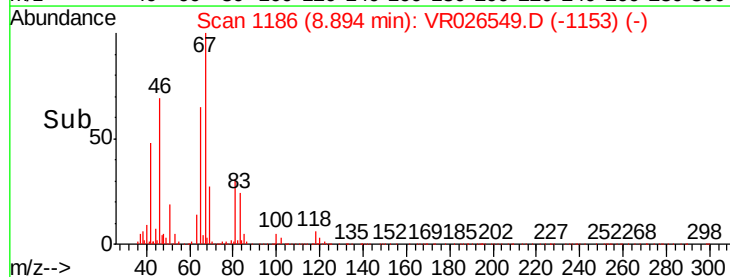
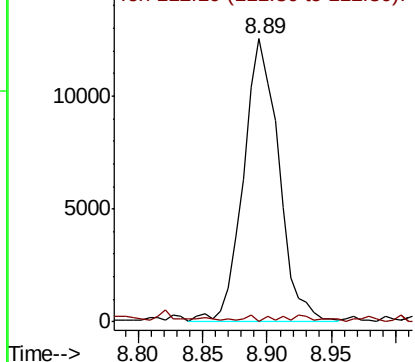


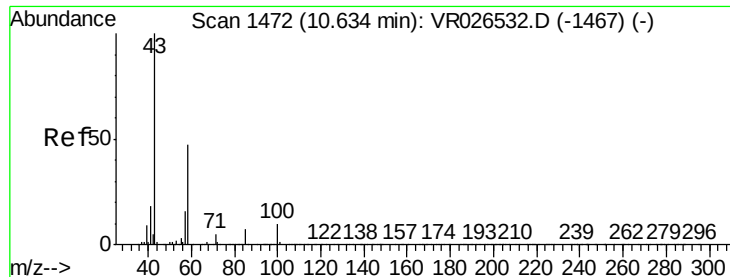
#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026549.D
Acq: 10 Apr 2019 10:13

Tgt Ion: 63 Resp: 23689
Ion Ratio Lower Upper
63 100
112 0.6 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 3.257 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026549.D

Acq: 10 Apr 2019 10:13

Instrument :

MSVOA_R

ClientSampleId :

BEZJ1

Tot Ion: 43 Resp: 23598

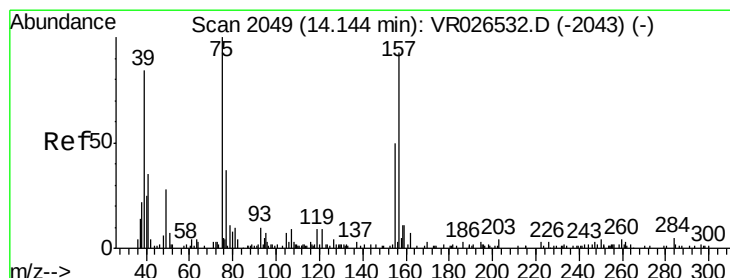
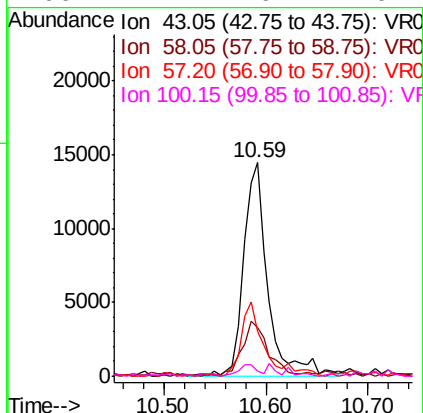
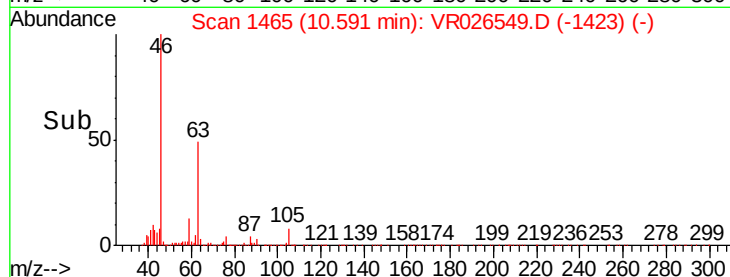
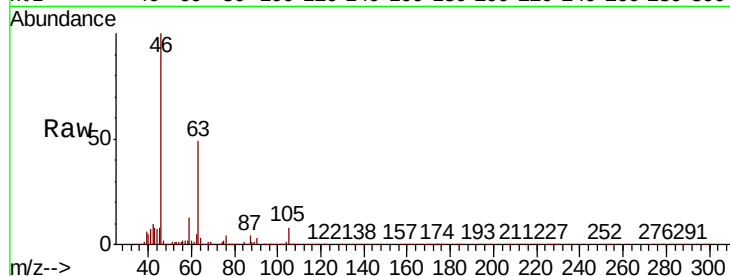
Ion Ratio Lower Upper

43 100

58 28.7 38.2 57.2#

57 29.0 13.8 20.6#

100 4.2 6.2 9.2#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.253 ug/L

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: VR026549.D

Acq: 10 Apr 2019 10:13

Tgt Ion: 75 Resp: 327

Ion Ratio Lower Upper

75 100

155 0.0 36.1 54.1#

157 88.8 62.4 93.6

