

Data File : VR026296.D
Acq On : 24 Dec 2018 11:40
Operator : SY/MD
Sample : VR1224WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK83

Quant Time: Dec 24 22:52:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 24 22:50:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	644293	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	500313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	153447	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	180604	4.40	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	2.62	69	192075	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	3.60	63	377273	3.26	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	6.59	46	168697	46.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.66%
24) Chloroform-d	7.20	84	380919	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	7.90	65	144343	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.85	84	734237	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.89	67	187599	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	9.97	98	633605	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	10.24	79	41714	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	10.59	63	105859	47.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.66%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64467	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	120707	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

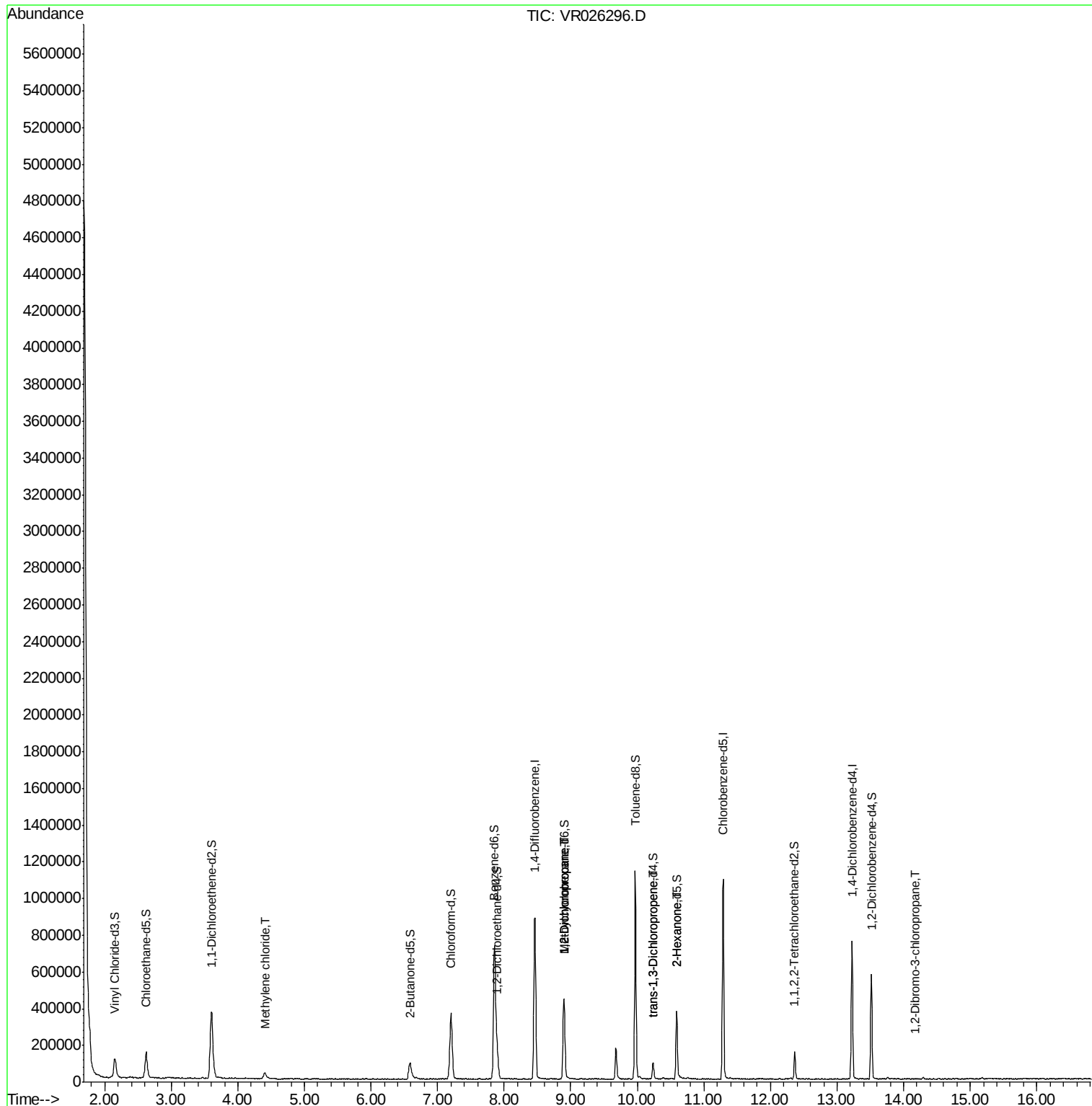
						Qvalue
16) Methylene chloride	4.41	84	23061	0.468	ug/L	86
35) Methylcyclohexane	8.90	83	43554	0.579	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	22319	0.553	ug/L #	92
44) trans-1,3-Dichloropropene	10.24	75	3079	0.098	ug/L	97
48) 2-Hexanone	10.59	43	16484	2.635	ug/L #	78
66) 1,2-Dibromo-3-chloropropan	14.16	75	294	0.204	ug/L #	36

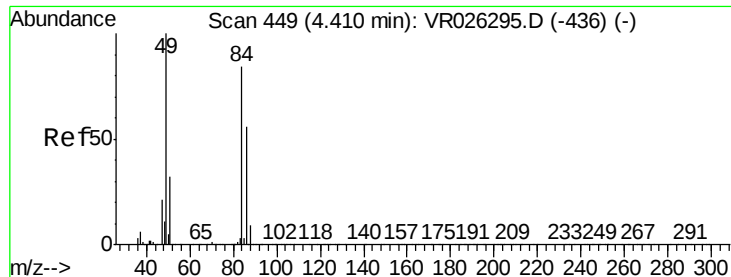
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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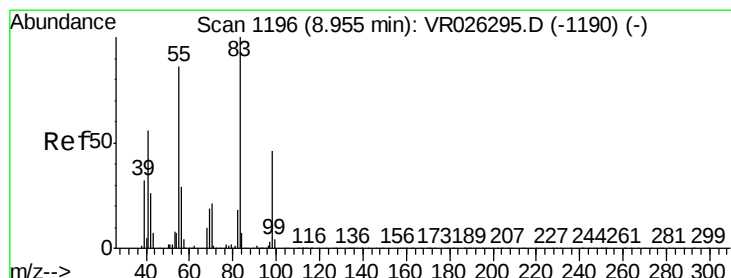
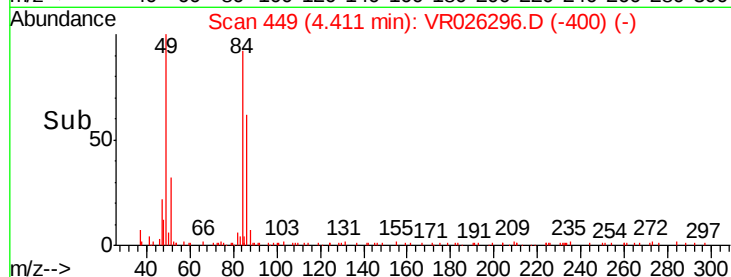
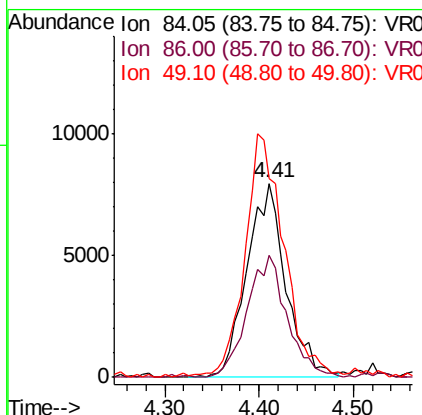
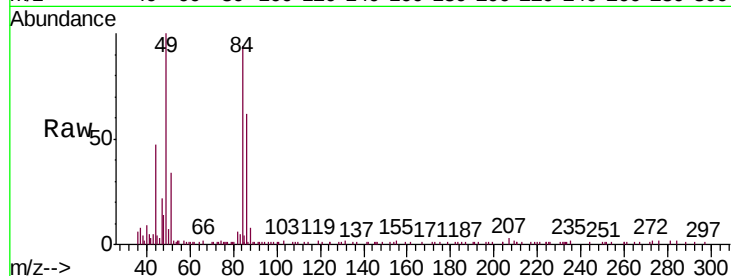




#16
Methylene chloride
Concen: 0.468 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.00 min
Lab File: VR026296.D
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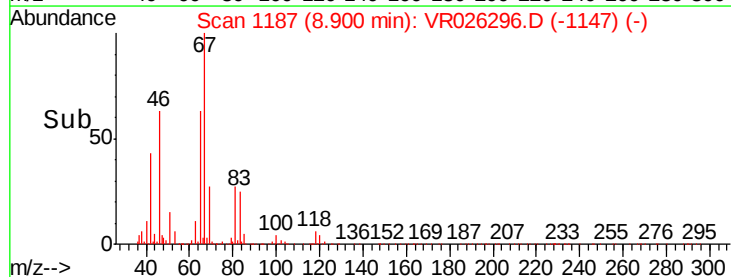
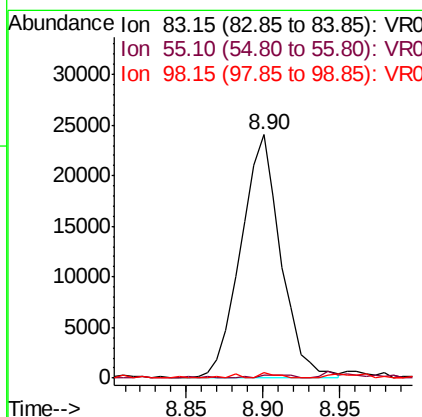
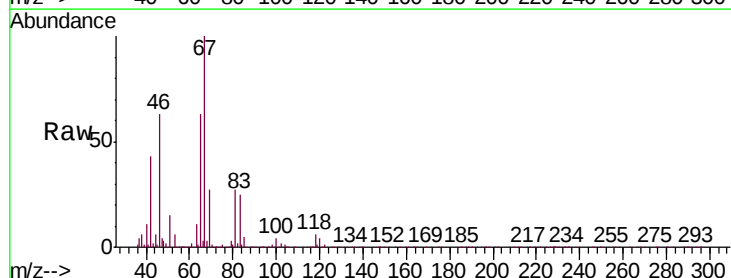
Instrument :
MSVOA_R
ClientSampleId :
VBLK83

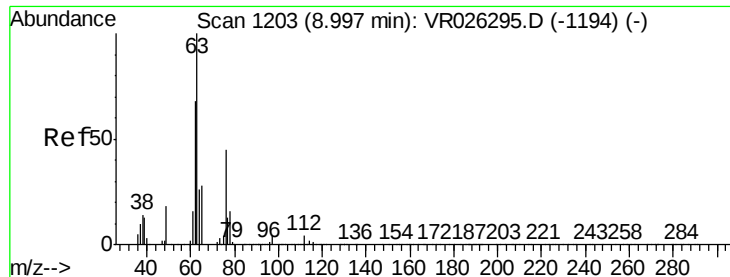
Tgt Ion: 84 Resp: 23061
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.0
49 102.7 88.7 164.7



#35
Methylcyclohexane
Concen: 0.579 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026296.D
Acq: 24 Dec 2018 11:40

Tgt Ion: 83 Resp: 43554
Ion Ratio Lower Upper
83 100
55 1.3 66.6 99.8#
98 1.2 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.553 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR026296.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_R

ClientSampled :

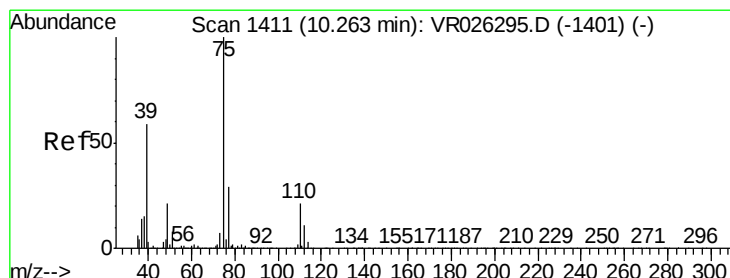
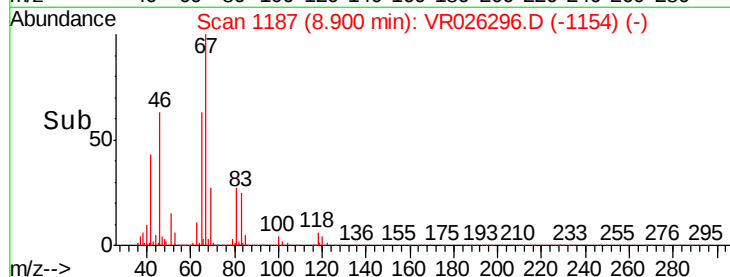
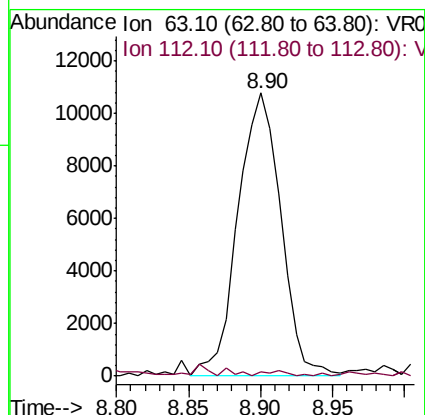
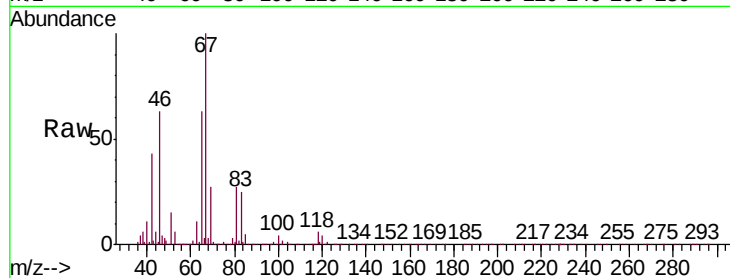
VBLK83

Tgt Ion: 63 Resp: 22319

Ion Ratio Lower Upper

63 100

112 1.2 3.0 4.6#



#44

trans-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026296.D

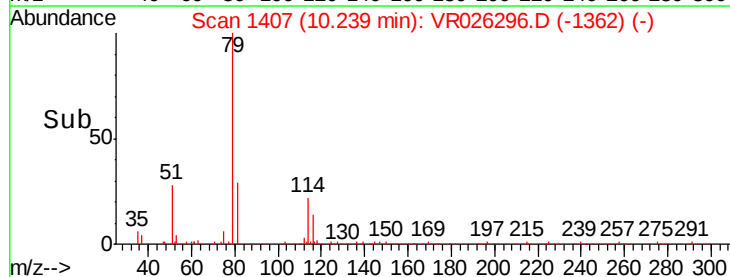
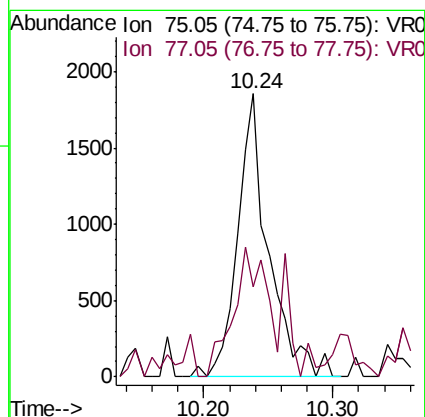
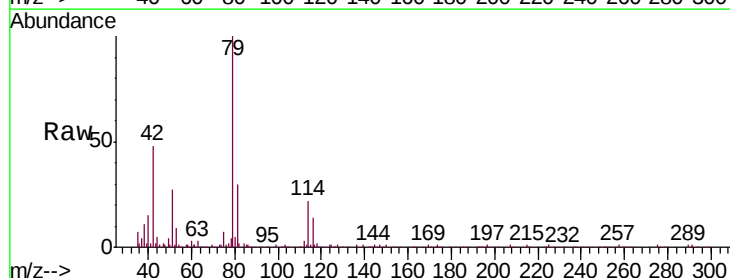
Acq: 24 Dec 2018 11:40

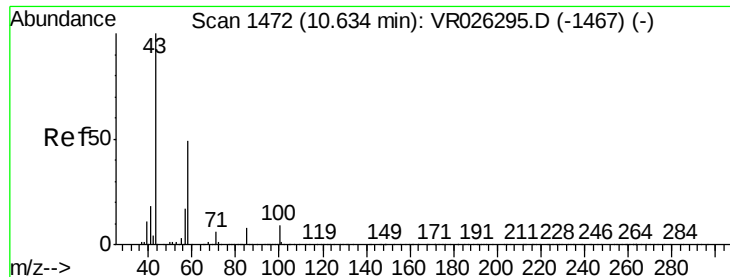
Tgt Ion: 75 Resp: 3079

Ion Ratio Lower Upper

75 100

77 31.8 21.2 39.4





#48

2-Hexanone

Concen: 2.635 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026296.D

Acq: 24 Dec 2018 11:40

Instrument :

MSVOA_R

ClientSampled :

VBLK83

Tgt Ion: 43 Resp: 16484

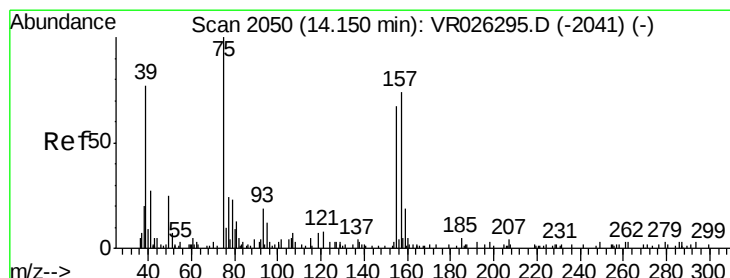
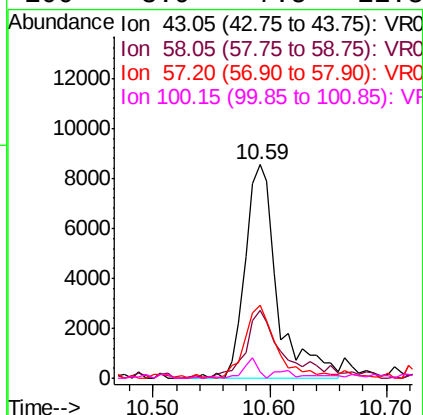
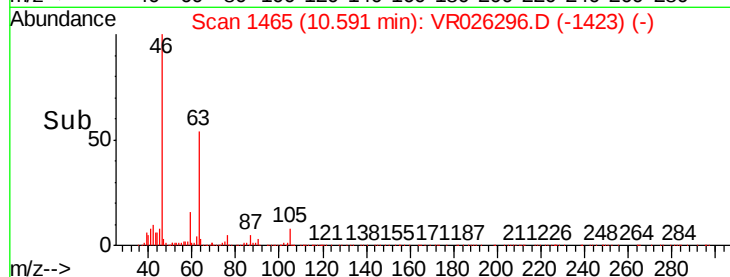
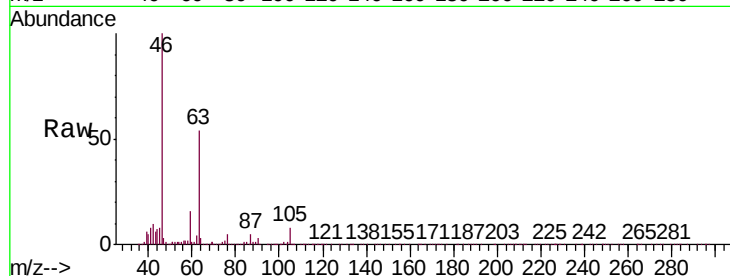
Ion Ratio Lower Upper

43 100

58 38.3 40.5 60.7#

57 33.6 14.2 21.4#

100 3.9 7.5 11.3#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.204 ug/L

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: VR026296.D

Acq: 24 Dec 2018 11:40

Tgt Ion: 75 Resp: 294

Ion Ratio Lower Upper

75 100

155 0.0 44.4 66.6#

157 33.2 66.3 99.5#

