

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100918\
 Data File : VR026015.D
 Acq On : 9 Oct 2018 15:54
 Operator : SY/MD
 Sample : J5279-20DL 100X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 10 05:42:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 05:39:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	458708	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	382817	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	126780	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	156251	4.32	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	2.63	69	148528	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	3.63	63	298626	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	6.59	46	181850	45.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.18%
24) Chloroform-d	7.20	84	263008	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	7.90	65	118280	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	7.85	84	512181	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	8.90	67	145690	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	9.97	98	473688	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
43) trans-1,3-Dichloropropene-	10.24	79	32059	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	10.59	63	139546	46.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.90%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55551	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	88166	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

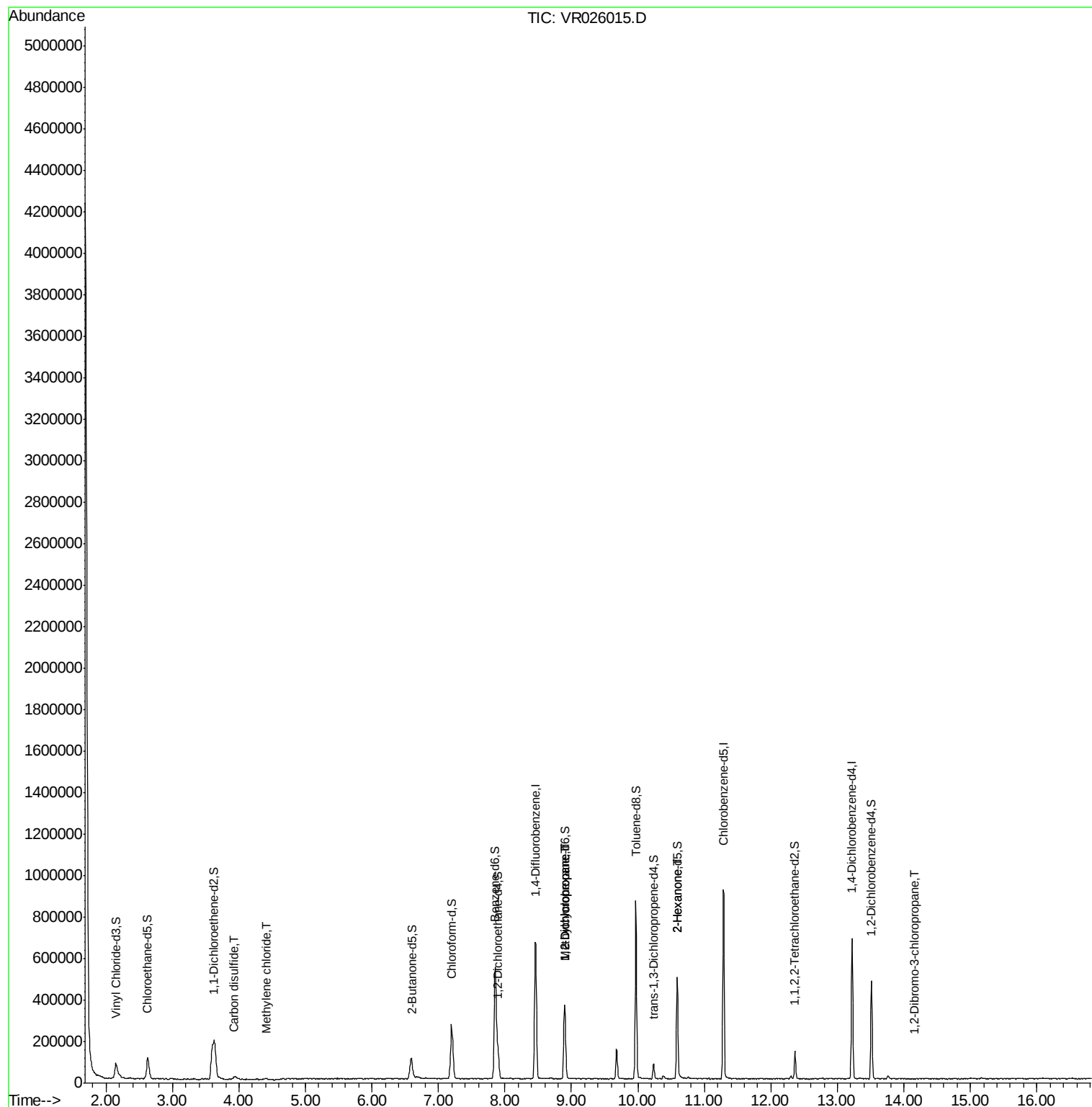
					Ovalue
14) Carbon disulfide	3.93	76	15426	0.184 ug/L #	94
16) Methylene chloride	4.41	84	3200	0.100 ug/L #	71
35) Methylcyclohexane	8.90	83	34960	0.687 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	18564	0.674 ug/L #	95
48) 2-Hexanone	10.59	43	20180	3.182 ug/L #	67
66) 1,2-Dibromo-3-chloropropan	14.17	75	215	0.172 ug/L #	81

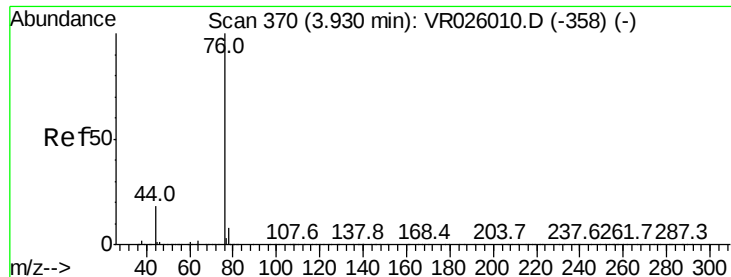
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 0.184 ug/L

RT: 3.93 min Scan# 370

Delta R.T. 0.00 min

Lab File: VR026015.D

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Instrument :

MSVOA_R

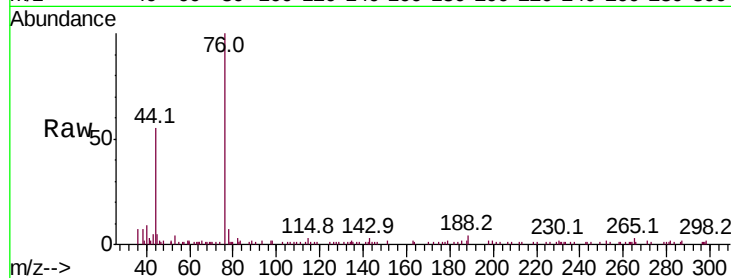
ClientSampleId :

Tot Ion: 76 Resp: 15426

Ion Ratio Lower Upper

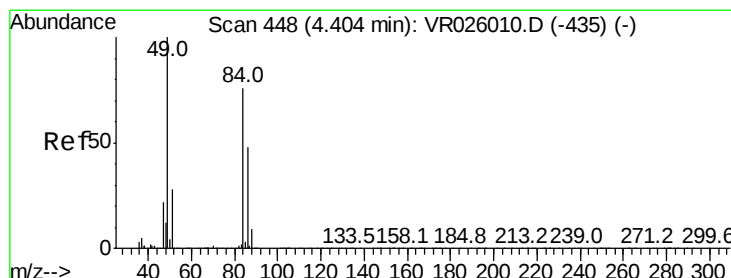
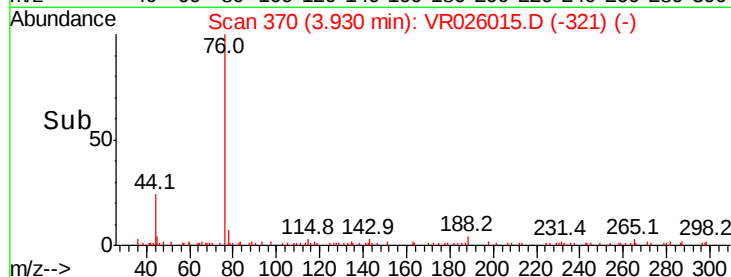
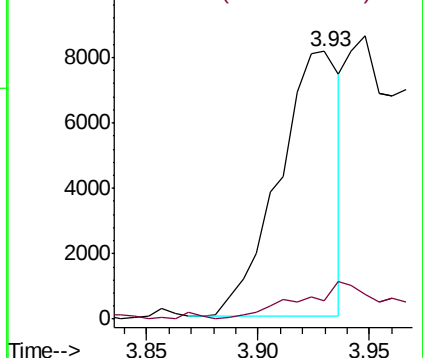
76 100

78 6.7 7.0 10.6#



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0



#16

Methylene chloride

Concen: 0.100 ug/L

RT: 4.41 min Scan# 449

Delta R.T. 0.01 min

Lab File: VR026015.D

Acq: 9 Oct 2018 15:54

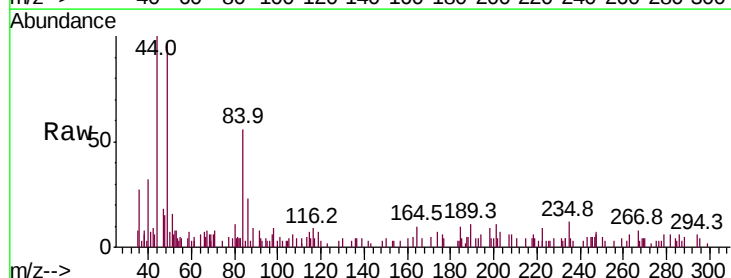
Tgt Ion: 84 Resp: 3200

Ion Ratio Lower Upper

84 100

86 40.3 43.1 80.1#

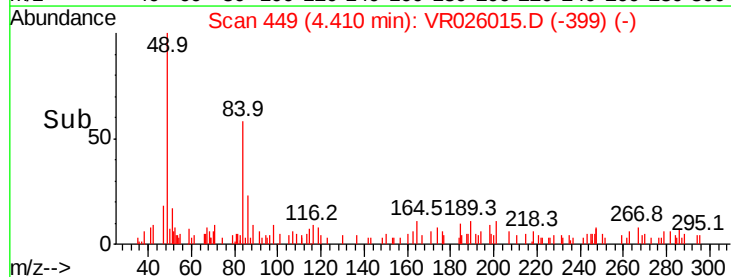
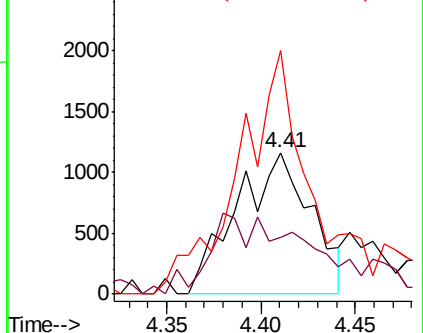
49 172.3 95.5 177.3

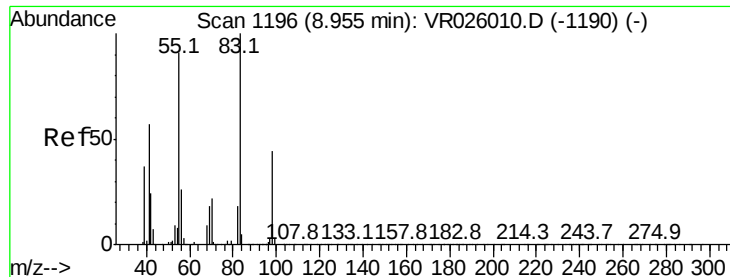


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

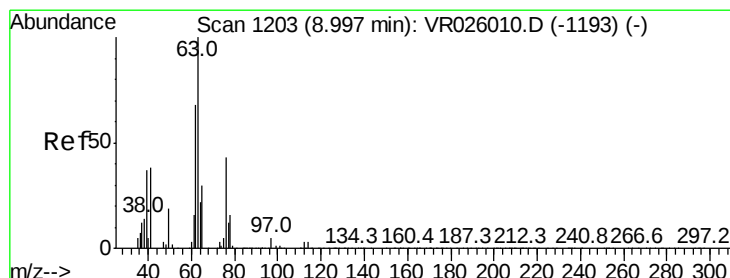
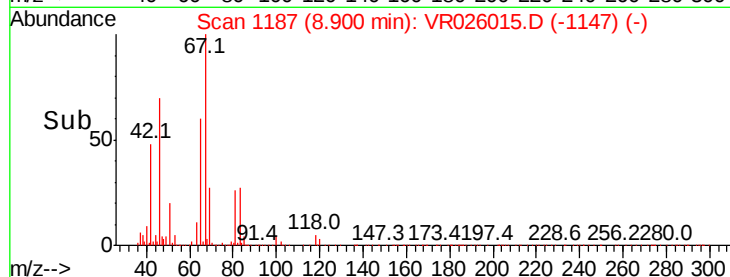
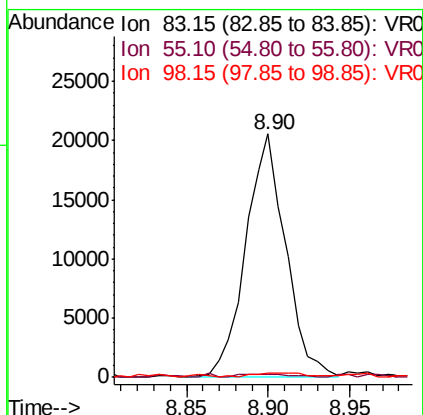
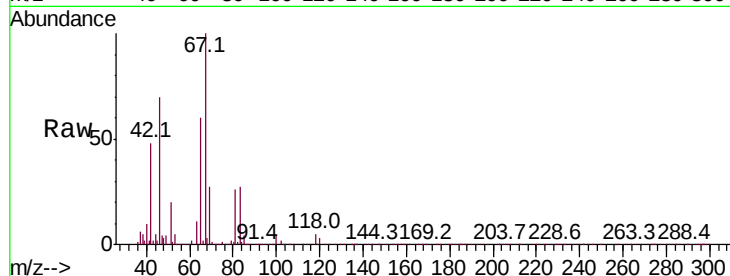




#35
Methvlcvclohexane
Concen: 0.687 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026015.D
Acq: 9 Oct 2018 15:54

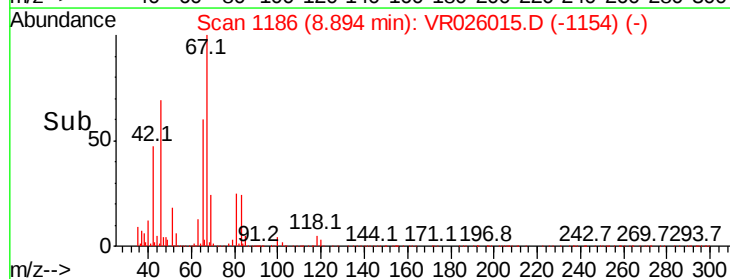
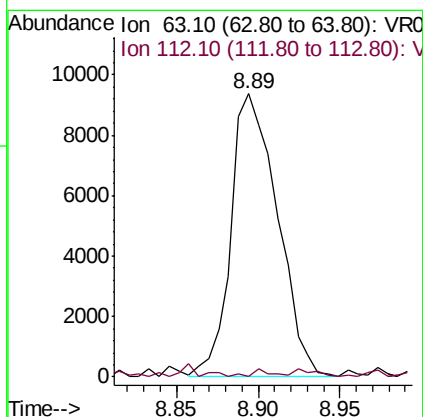
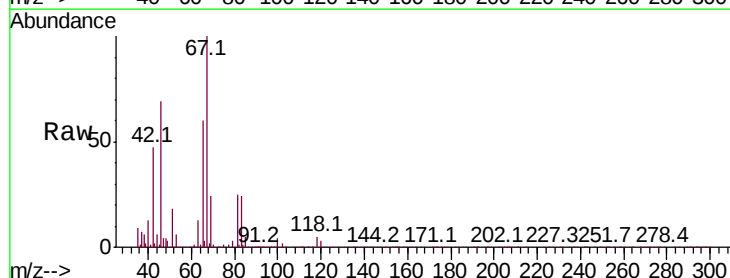
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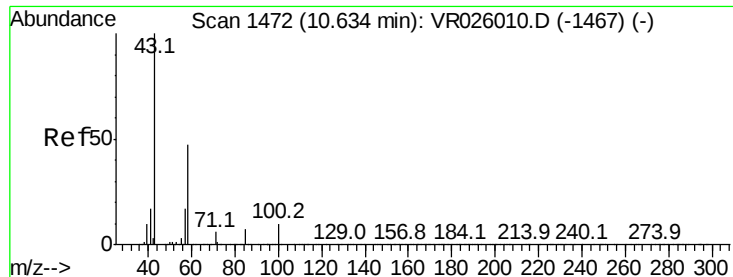
Tot Ion: 83 Resp: 34960
Ion Ratio Lower Upper
83 100
55 1.4 71.8 107.6#
98 2.5 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026015.D
Acq: 9 Oct 2018 15:54

Tgt Ion: 63 Resp: 18564
Ion Ratio Lower Upper
63 100
112 1.3 2.5 3.7#

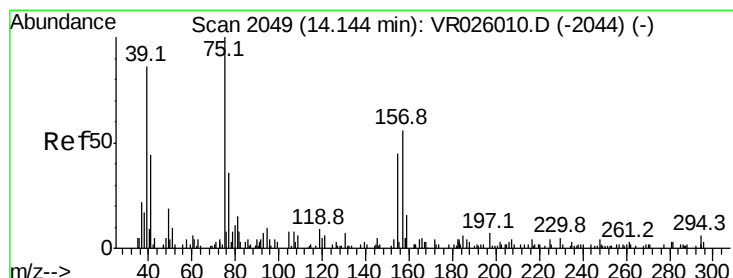
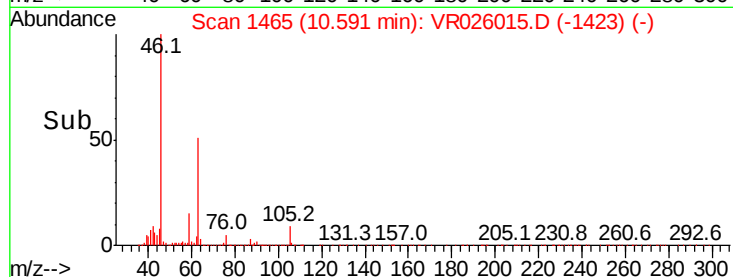
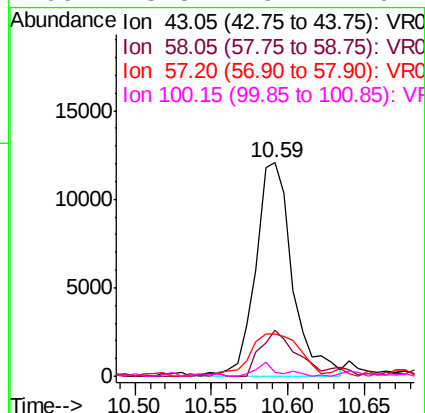
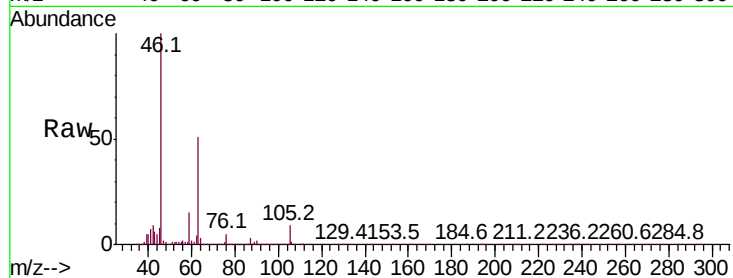




#48
2-Hexanone
Concen: 3.182 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026015.D
Acq: 9 Oct 2018 15:54

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 20180
Ion Ratio Lower Upper
43 100
58 21.5 39.5 59.3#
57 27.4 14.6 21.8#
100 3.8 6.7 10.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.172 ug/L
RT: 14.17 min Scan# 2053
Delta R.T. 0.02 min
Lab File: VR026015.D
Acq: 9 Oct 2018 15:54

Tgt Ion: 75 Resp: 215
Ion Ratio Lower Upper
75 100
155 27.5 37.8 56.6#
157 53.8 49.7 74.5

