

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100918\
 Data File : VR026018.D
 Acq On : 9 Oct 2018 17:33
 Operator : SY/MD
 Sample : J5279-20DL 4X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 10 05:43:00 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	490949	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	416433	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	140514	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	153686	3.97	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	2.63	69	144715	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	3.63	63	280788	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	6.59	46	199868	46.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.62%
24) Chloroform-d	7.20	84	266507	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
26) 1,2-Dichloroethane-d4	7.90	65	126349	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	7.85	84	514551	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.20%
36) 1,2-Dichloropropane-d6	8.90	67	144393	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	9.97	98	461722	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	10.24	79	33903	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	10.59	63	155528	48.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62116	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	95275	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

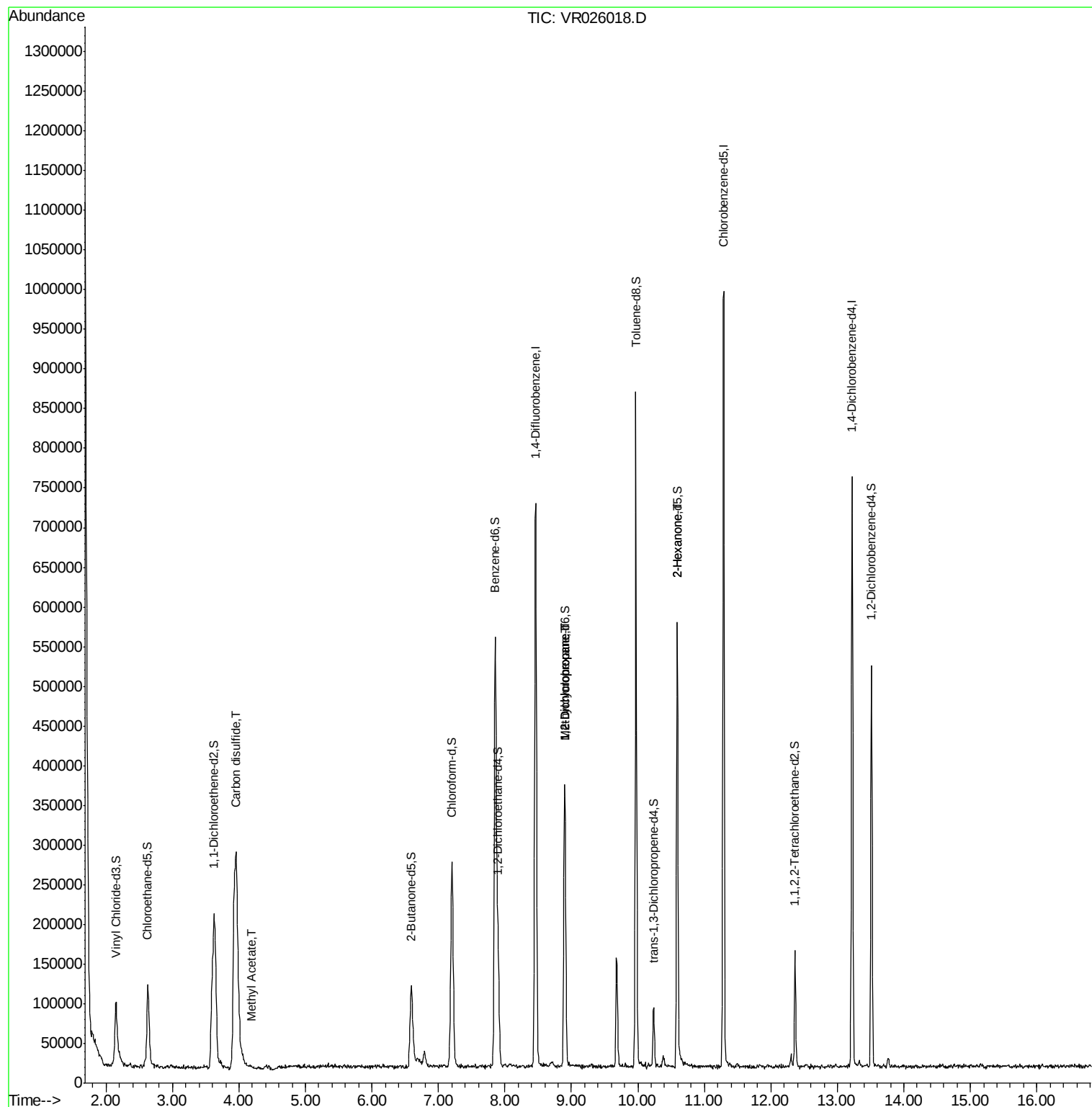
					Ovalue
14) Carbon disulfide	3.95	76	956204	10.658	ug/L 97
15) Methyl Acetate	4.19	43	715	0.082	ug/L 92
35) Methylcyclohexane	8.91	83	34903	0.631	ug/L # 17
37) 1,2-Dichloropropane	8.89	63	18983	0.634	ug/L # 95
48) 2-Hexanone	10.59	43	26083	3.781	ug/L # 70

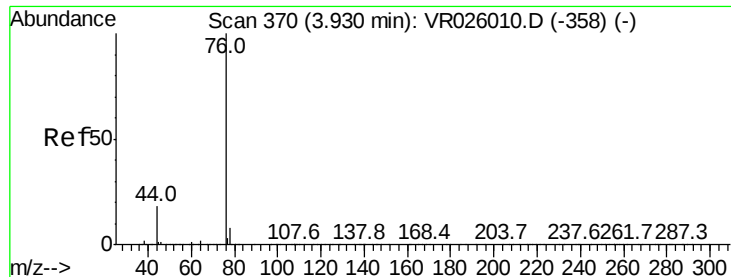
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Carbon disulfide

Concen: 10.658 ug/L

RT: 3.95 min Scan# 374

Delta R.T. 0.02 min

Lab File: VR026018.D

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Instrument :

MSVOA_R

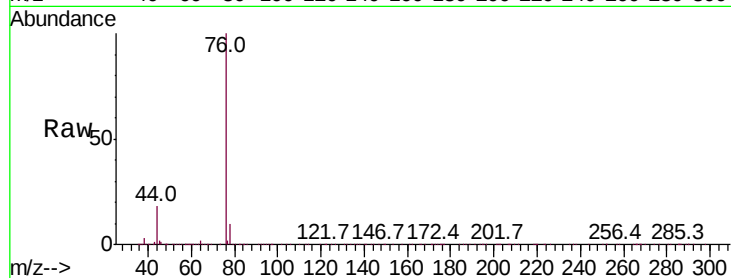
ClientSampleId :

Tot Ion: 76 Resp: 956204

Ion Ratio Lower Upper

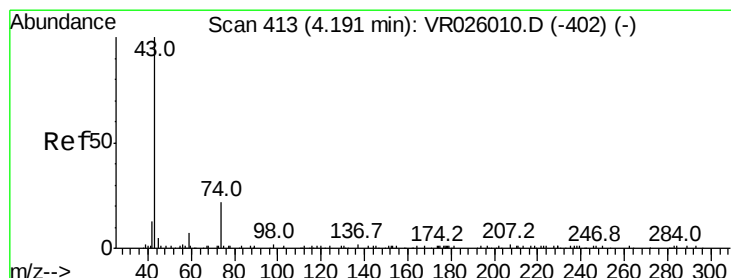
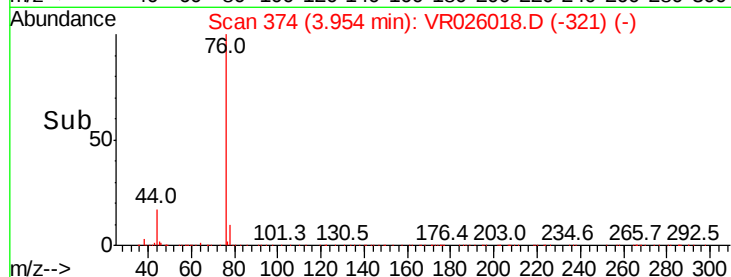
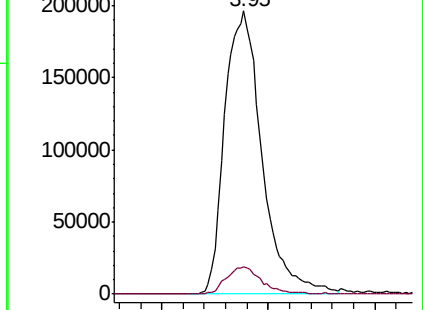
76 100

78 9.7 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VR0

Ion 78.00 (77.70 to 78.70): VR0



#15

Methyl Acetate

Concen: 0.082 ug/L

RT: 4.19 min Scan# 413

Delta R.T. 0.00 min

Lab File: VR026018.D

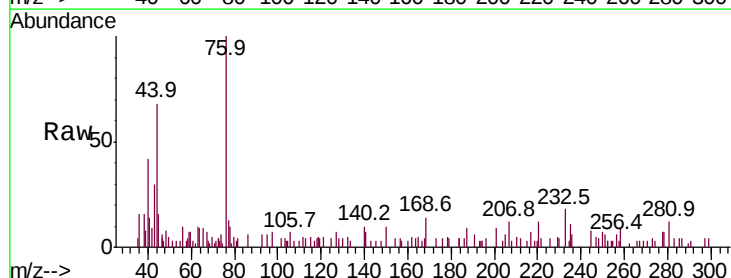
Acq: 9 Oct 2018 17:33

Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

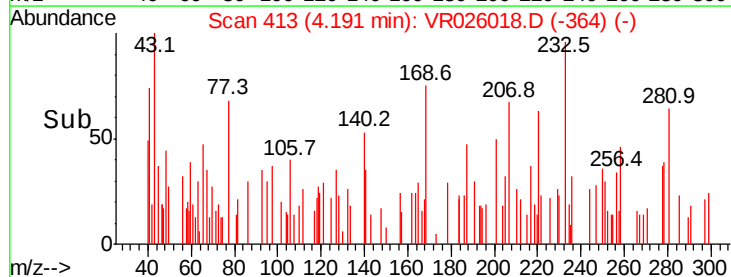
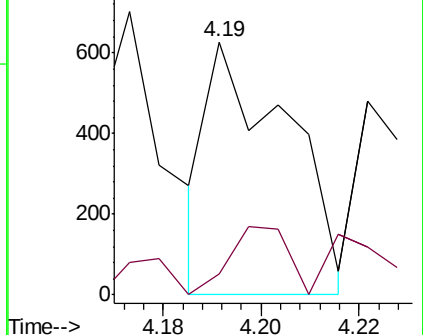
43 100

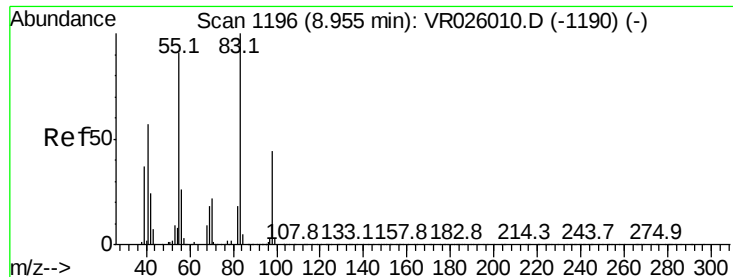
74 19.7 19.0 28.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

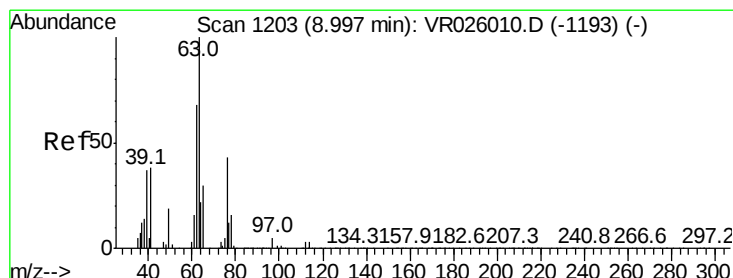
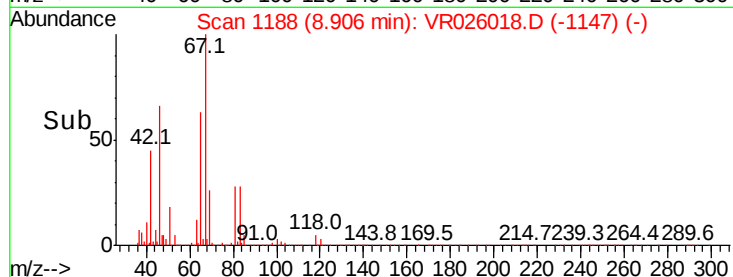
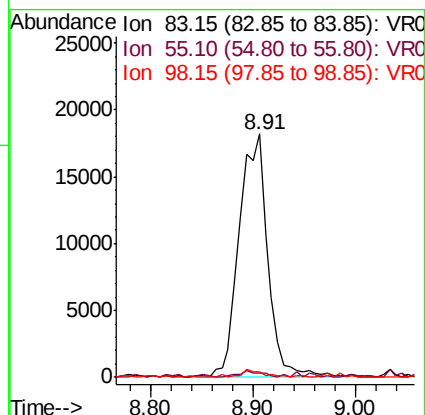
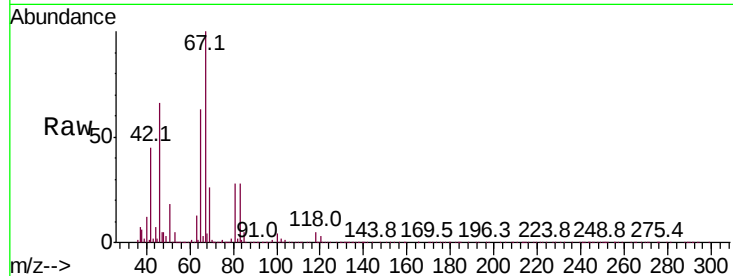




#35
Methvlcvclohexane
Concen: 0.631 ug/L
RT: 8.91 min Scan# 1188
Delta R.T. -0.05 min
Lab File: VR026018.D
Acq: 9 Oct 2018 17:33

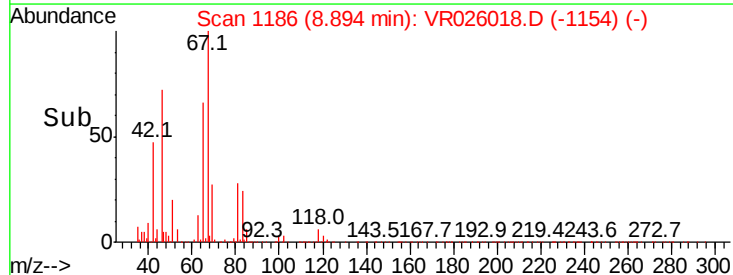
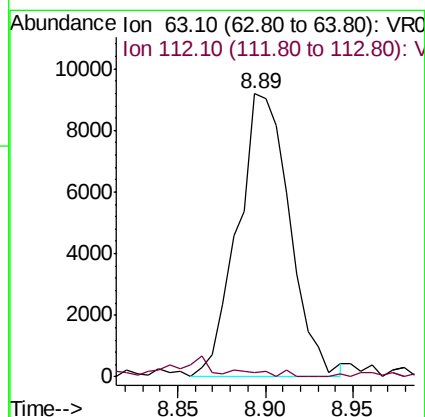
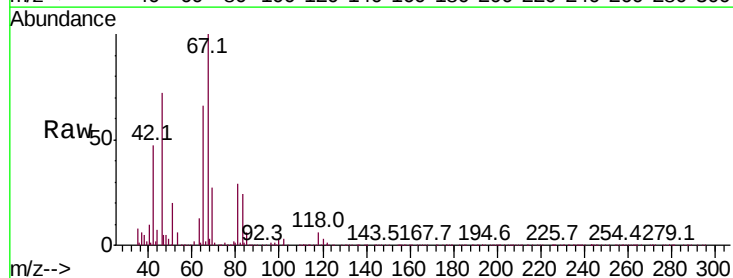
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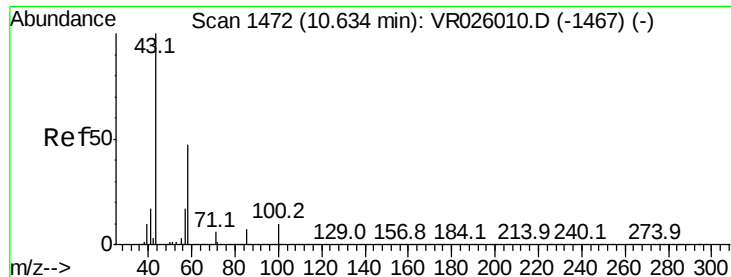
Tot Ion: 83 Resp: 34903
Ion Ratio Lower Upper
83 100
55 2.2 71.8 107.6#
98 2.4 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026018.D
Acq: 9 Oct 2018 17:33

Tgt Ion: 63 Resp: 18983
Ion Ratio Lower Upper
63 100
112 1.4 2.5 3.7#





#48

2-Hexanone

Concen: 3.781 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

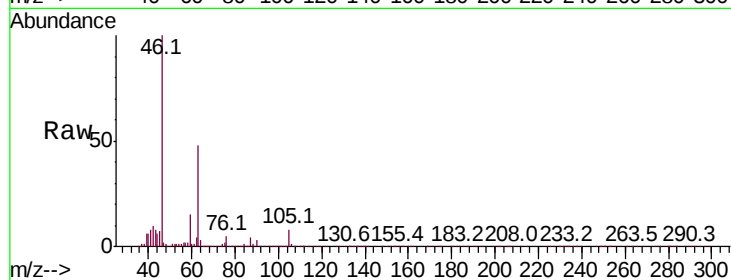
Lab File: VR026018.D

Acq: 9 Oct 2018 17:33

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion: 43 Resp: 26083

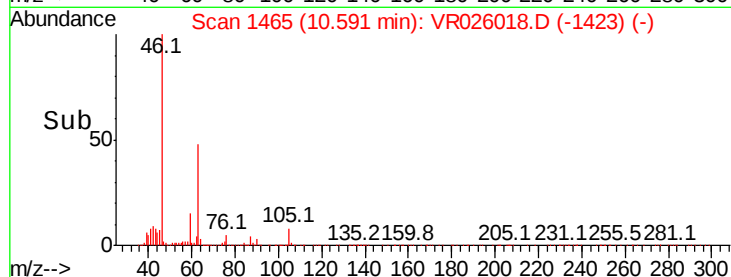
Ion Ratio Lower Upper

43 100

58 21.8 39.5 59.3#

57 21.9 14.6 21.8#

100 3.0 6.7 10.1#



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

