

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040919\
 Data File : VR026542.D
 Acq On : 10 Apr 2019 6:30
 Operator : SY/MD
 Sample : K2289-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZG2

Quant Time: Apr 10 07:32:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 07:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	600438	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	488071	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	143856	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	172989	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	2.63	69	156708	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	3.61	63	349013	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	6.59	46	178996	44.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.02%
24) Chloroform-d	7.20	84	346742	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	7.89	65	151980	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	7.85	84	621259	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	8.89	67	170273	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	9.97	98	559952	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	10.24	79	35952	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	10.59	63	140846	49.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66520	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	115571	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

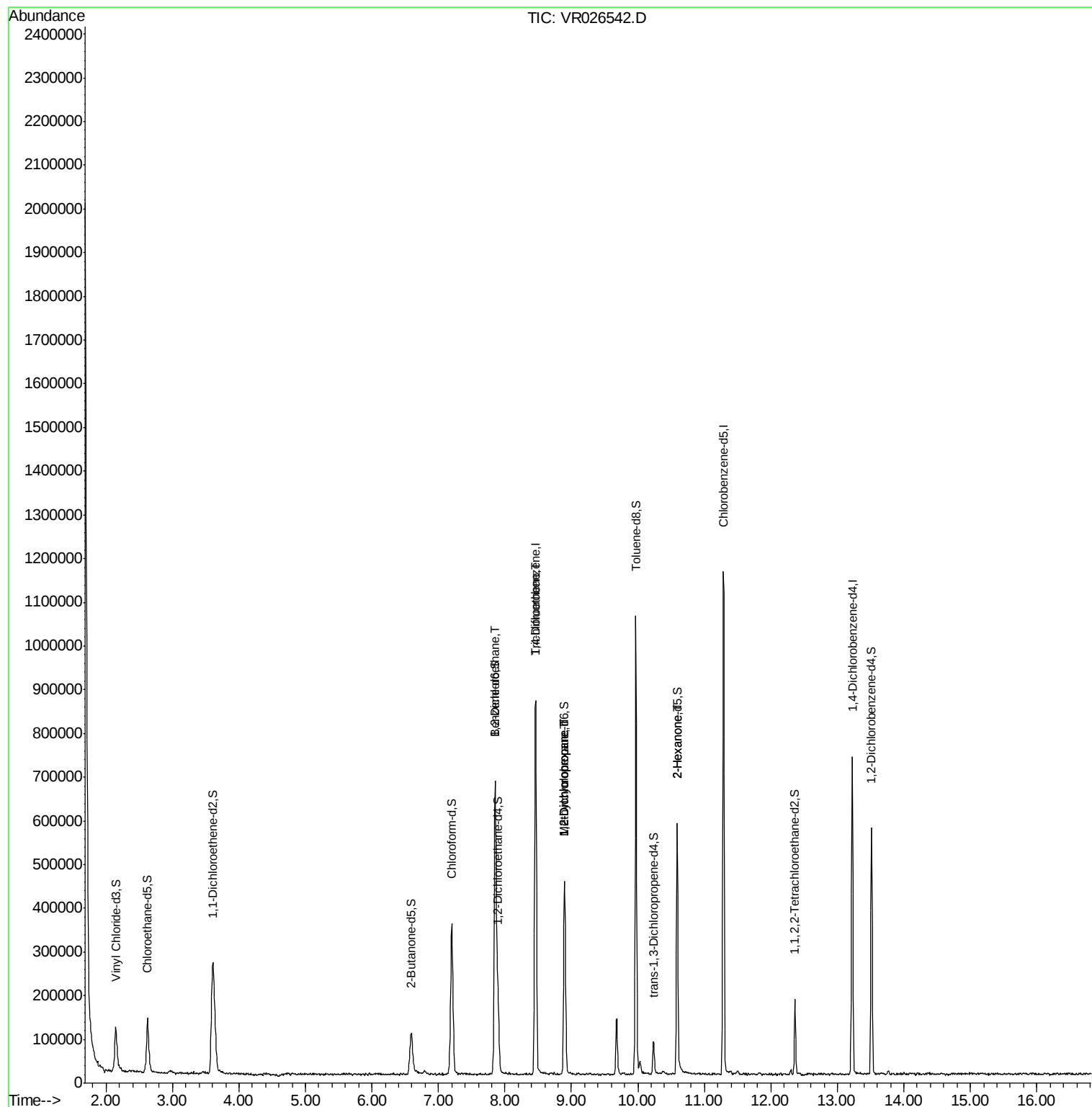
					Qvalue
27) 1,2-Dichloroethane	7.85	62	4866	0.109 ug/L	97
34) Trichloroethene	8.46	95	20515	0.402 ug/L #	11
35) Methylcyclohexane	8.89	83	43660	0.599 ug/L #	13
37) 1,2-Dichloropropane	8.90	63	22281	0.533 ug/L #	91
48) 2-Hexanone	10.59	43	25247	3.099 ug/L #	69

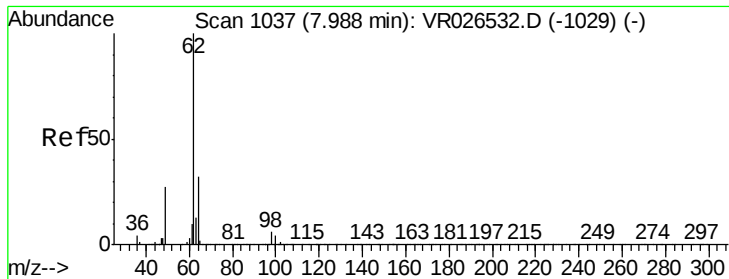
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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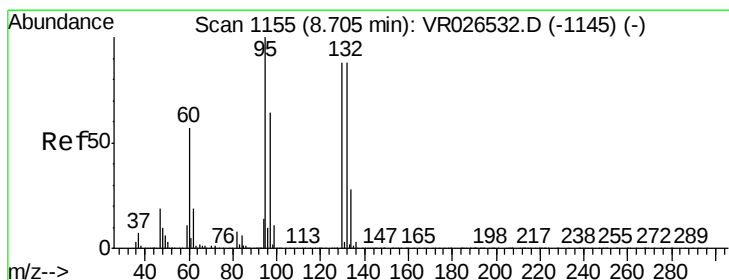
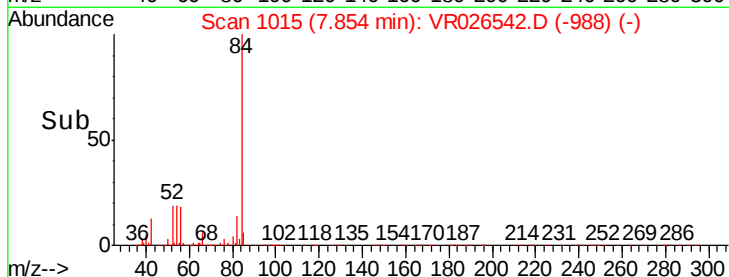
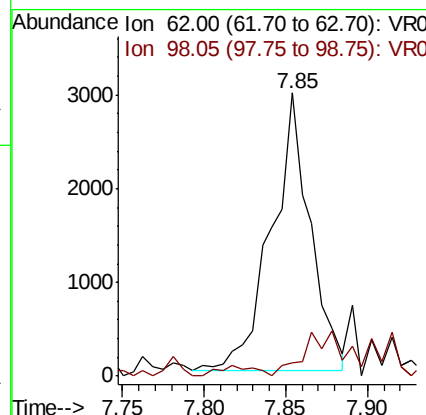
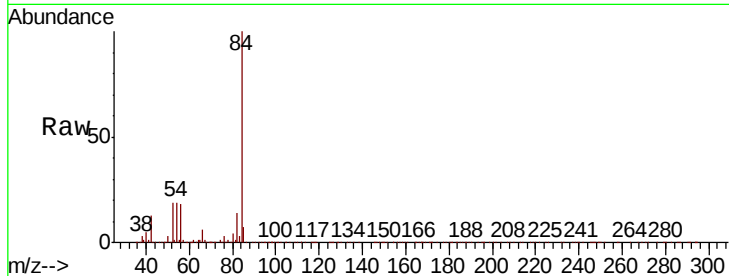




#27
 1,2-Dichloroethane
 Concen: 0.109 ug/L
 RT: 7.85 min Scan# 1015
 Delta R.T. -0.13 min
 Lab File: VR026542.D
 Acq: 10 Apr 2019 6:30

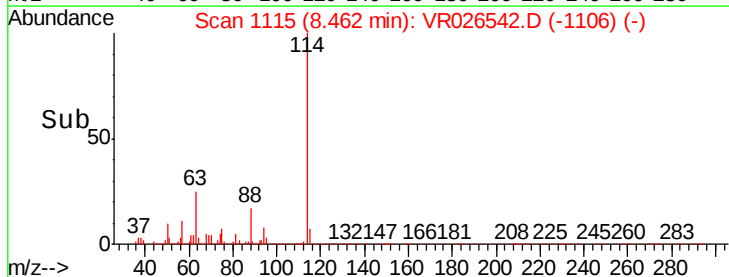
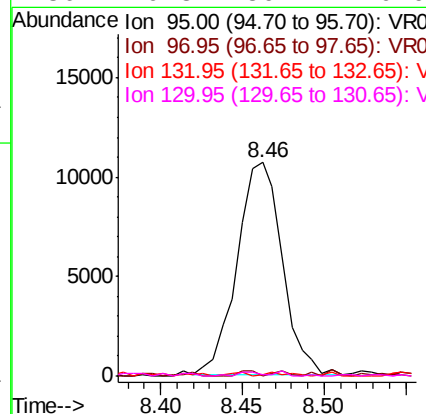
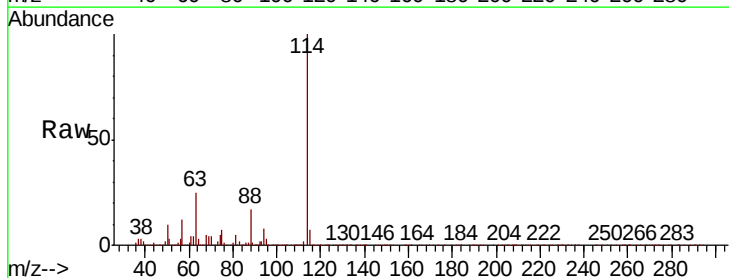
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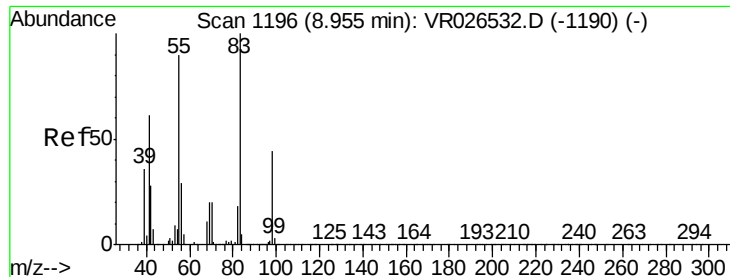
Tgt Ion: 62 Resp: 4866
 Ion Ratio Lower Upper
 62 100
 98 4.9 4.8 7.2



#34
 Trichloroethene
 Concen: 0.402 ug/L
 RT: 8.46 min Scan# 1115
 Delta R.T. -0.24 min
 Lab File: VR026542.D
 Acq: 10 Apr 2019 6:30

Tgt Ion: 95 Resp: 20515
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.8 81.3#
 132 0.5 57.2 106.2#
 130 0.8 59.7 110.9#

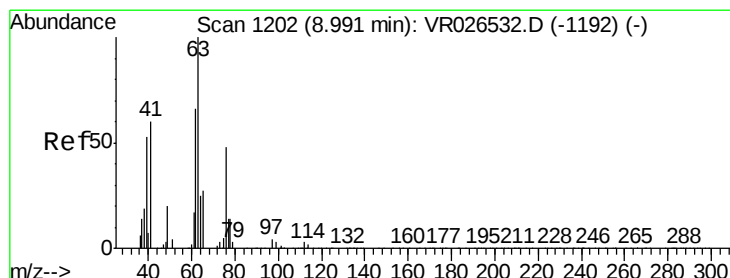
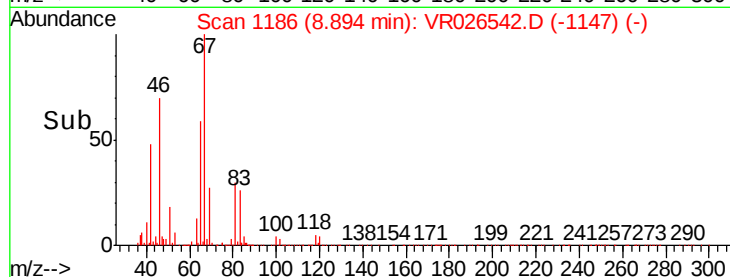
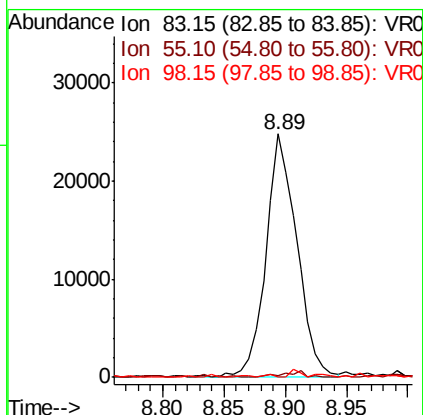
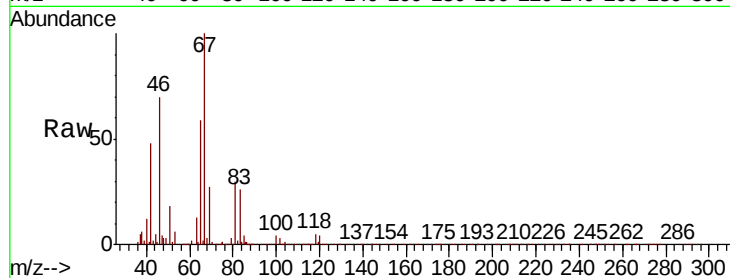




#35
Methylcyclohexane
Concen: 0.599 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026542.D
Acq: 10 Apr 2019 6:30

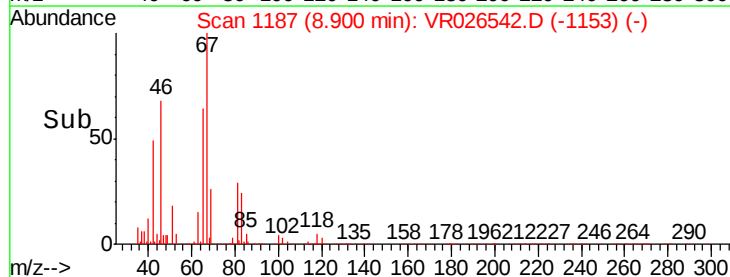
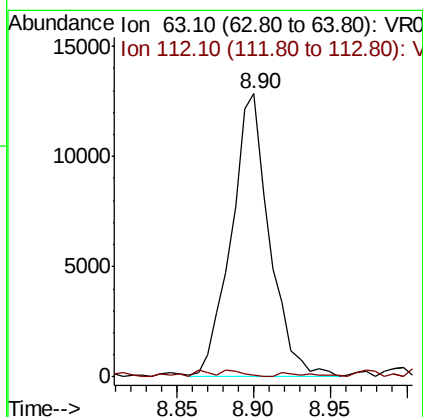
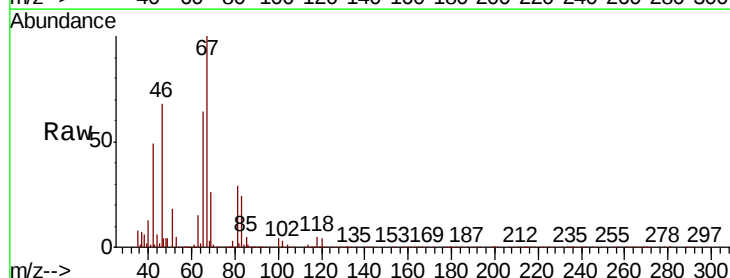
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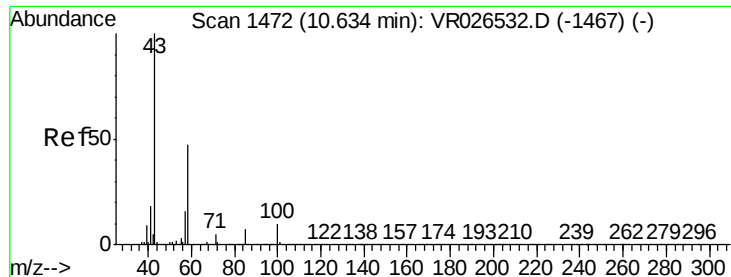
Tgt Ion: 83 Resp: 43660
Ion Ratio Lower Upper
83 100
55 0.0 73.8 110.6#
98 0.5 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026542.D
Acq: 10 Apr 2019 6:30

Tgt Ion: 63 Resp: 22281
Ion Ratio Lower Upper
63 100
112 0.6 2.8 4.2#





#48

2-Hexanone

Concen: 3.099 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026542.D

Acq: 10 Apr 2019 6:30

Instrument :

MSVOA_R

ClientSampleId :

BEZG2

Tgt Ion: 43 Resp: 25247

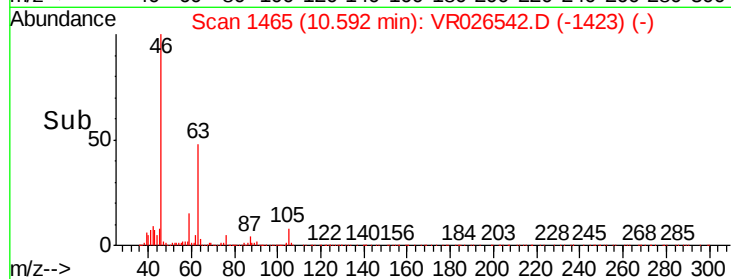
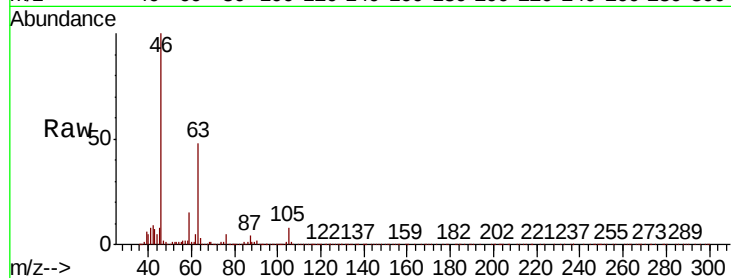
Ion Ratio Lower Upper

43 100

58 24.3 38.2 57.2#

57 32.1 13.8 20.6#

100 6.7 6.2 9.2



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

