

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026575.D
 Acq On : 11 Apr 2019 19:13
 Operator : SY/MD
 Sample : VR0411WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK97

Quant Time: Apr 12 02:10:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 02:06:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	578426	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	479317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	135010	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	199853	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	2.62	69	185509	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	3.60	63	404012	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	6.58	46	199338	48.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	7.20	84	395469	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	7.89	65	165777	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	7.85	84	717164	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.89	67	192592	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	639258	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	10.23	79	40504	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	10.59	63	152915	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72786	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	123522	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

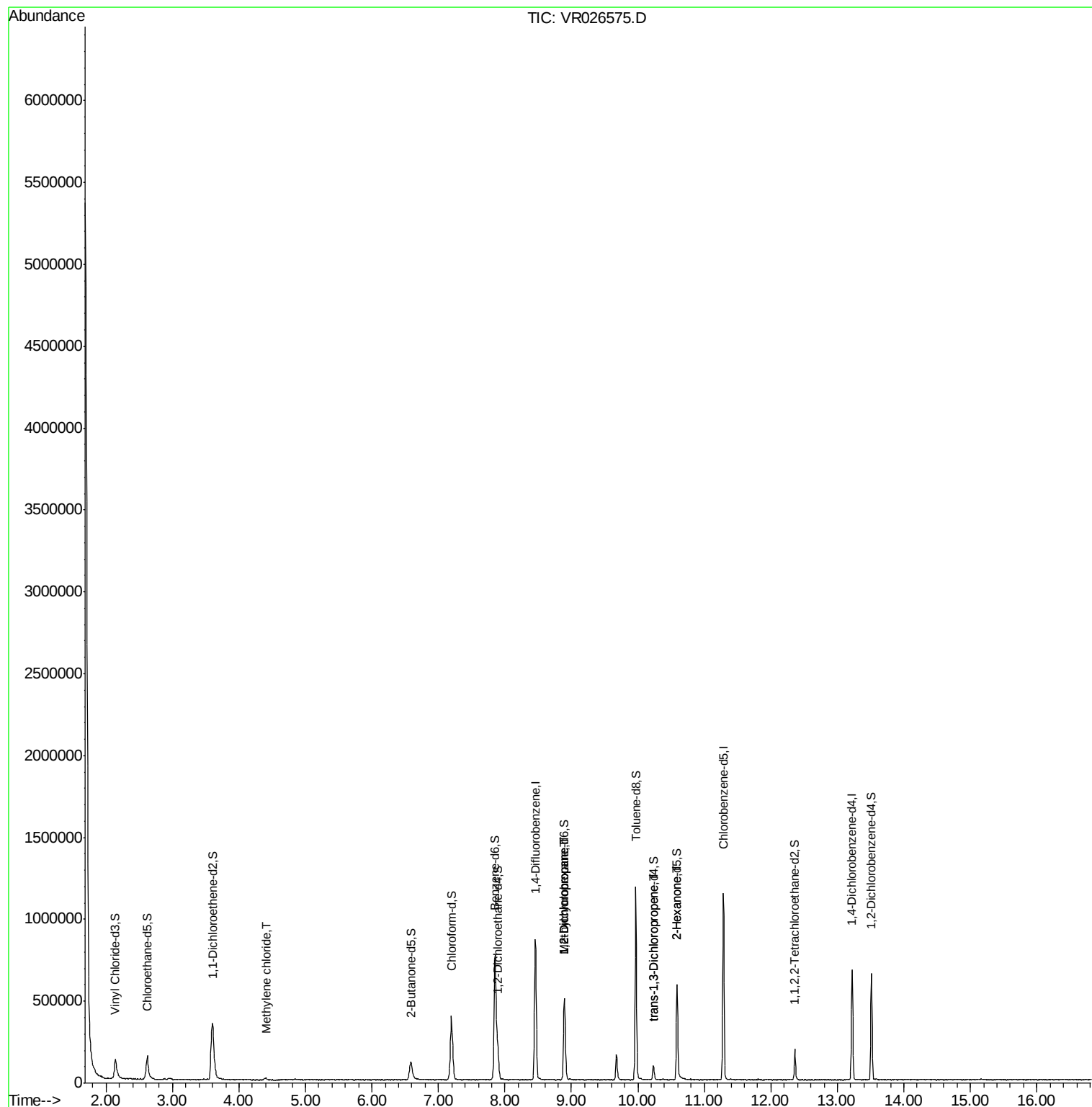
					Ovalue
16) Methylene chloride	4.40	84	6880	0.141 ug/L	74
35) Methylcyclohexane	8.89	83	47486	0.703 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	26251	0.662 ug/L #	94
44) trans-1,3-Dichloropropene	10.24	75	2674	0.089 ug/L	85
48) 2-Hexanone	10.59	43	26585	3.185 ug/L #	74

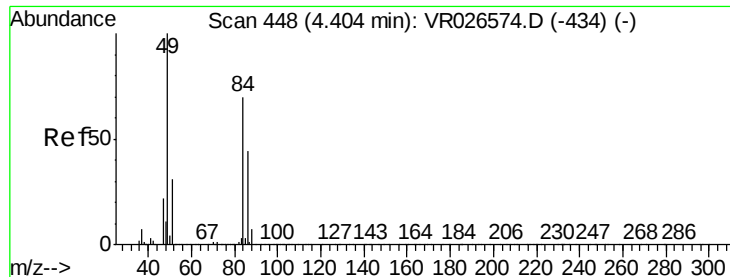
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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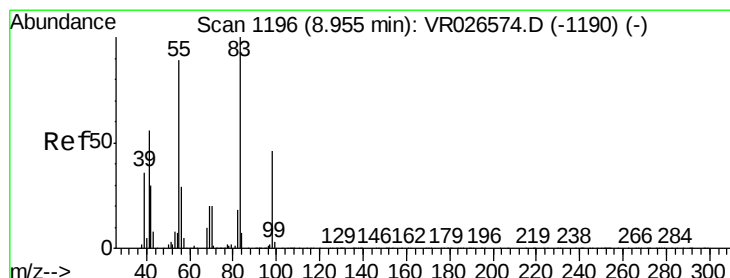
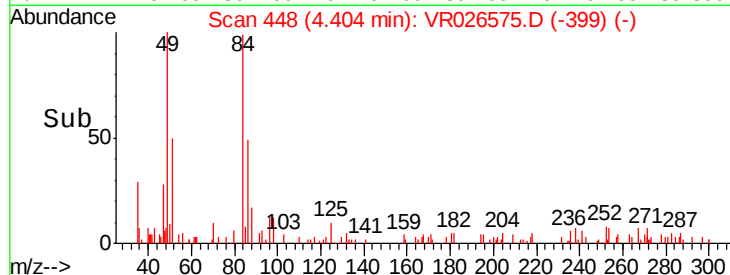
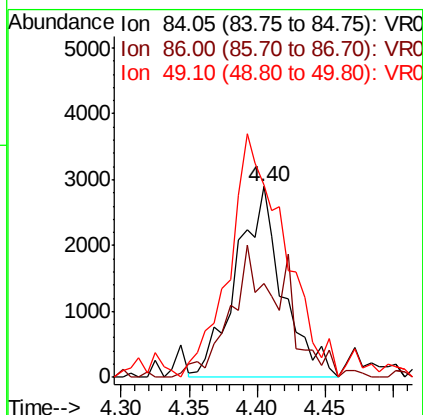
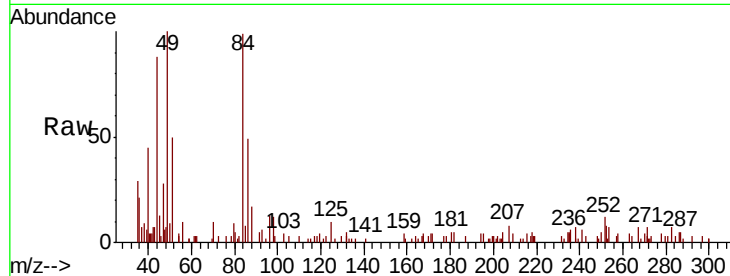




#16
Methvlene chloride
Concen: 0.141 ug/L
RT: 4.40 min Scan# 448
Delta R.T. 0.00 min
Lab File: VR026575.D
Acq: 11 Apr 2019 19:13

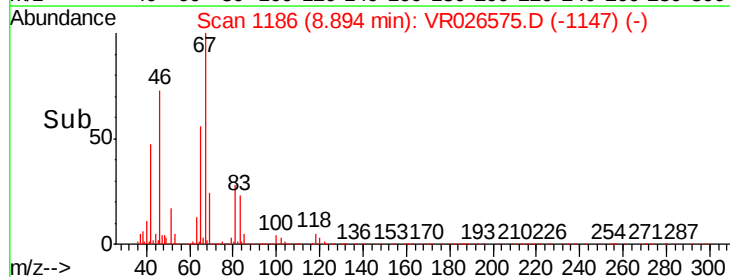
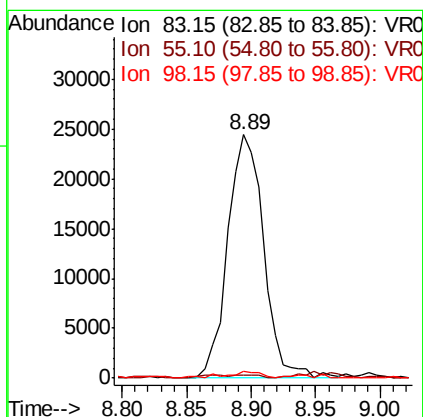
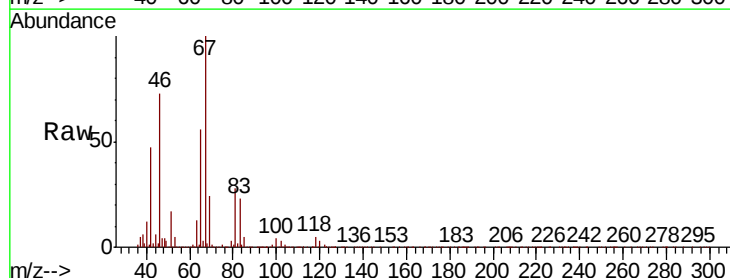
Instrument :
MSVOA_R
ClientSampleId :
VBLK97

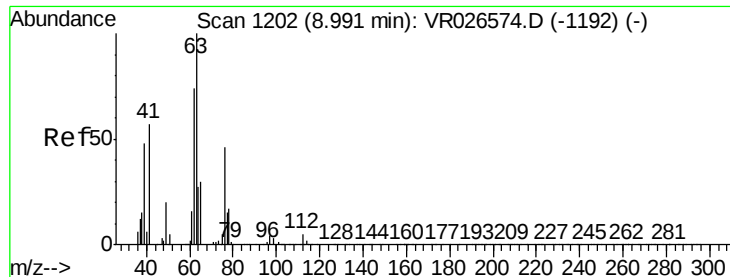
Tot Ion: 84 Resp: 6880
Ion Ratio Lower Upper
84 100
86 49.3 45.1 83.7
49 100.8 95.2 176.8



#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026575.D
Acq: 11 Apr 2019 19:13

Tgt Ion: 83 Resp: 47486
Ion Ratio Lower Upper
83 100
55 0.7 70.7 106.1#
98 2.4 36.0 54.0#

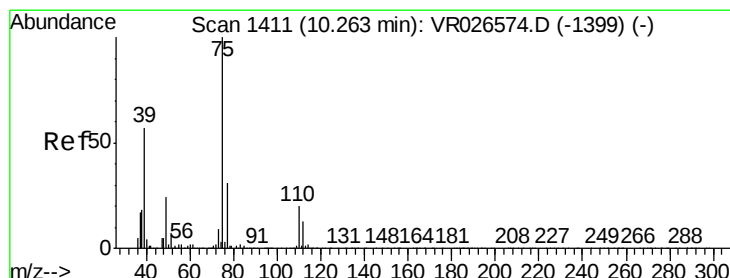
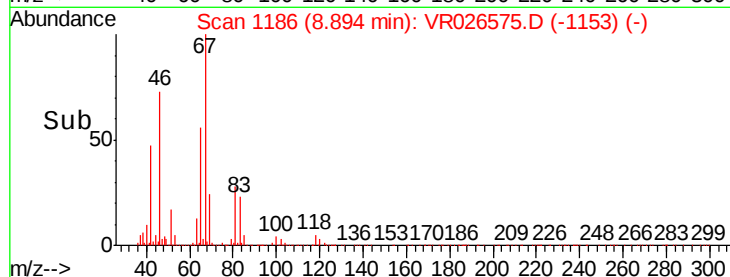
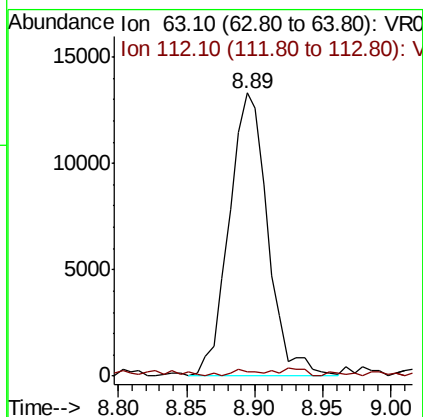
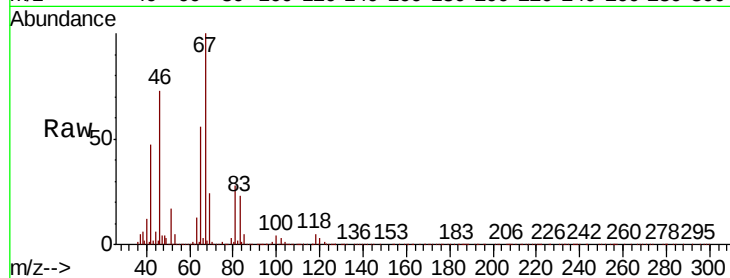




#37
 1,2-Dichloropropane
 Concen: 0.662 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026575.D
 Acq: 11 Apr 2019 19:13

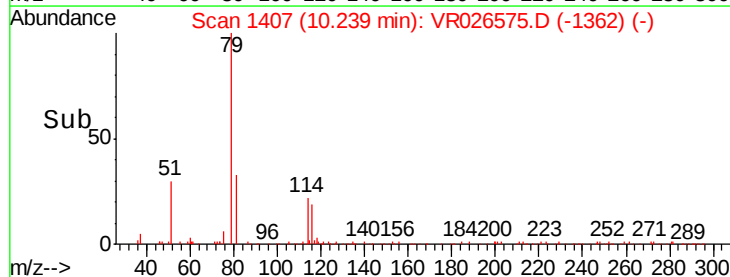
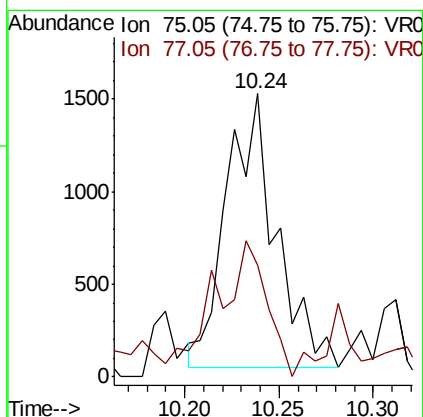
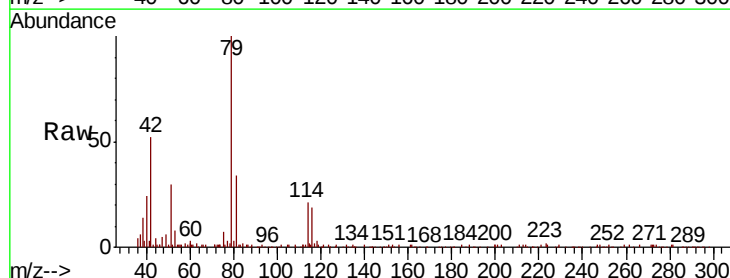
Instrument :
 MSVOA_R
 ClientSampled :
 VBLK97

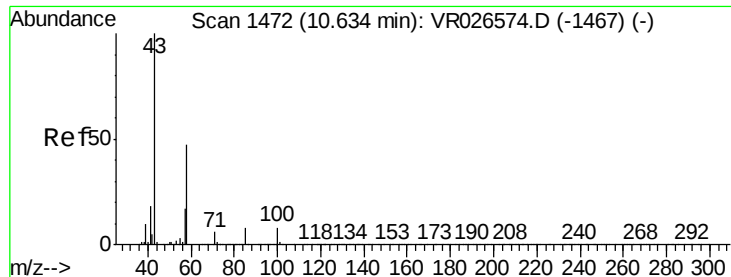
Tot Ion: 63 Resp: 26251
 Ion Ratio Lower Upper
 63 100
 112 1.6 3.0 4.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 10.24 min Scan# 1407
 Delta R.T. -0.02 min
 Lab File: VR026575.D
 Acq: 11 Apr 2019 19:13

Tgt Ion: 75 Resp: 2674
 Ion Ratio Lower Upper
 75 100
 77 39.3 21.6 40.2





#48

2-Hexanone

Concen: 3.185 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026575.D

Acq: 11 Apr 2019 19:13

Instrument :

MSVOA_R

ClientSampleId :

VBLK97

Tot Ion: 43 Resp: 26585

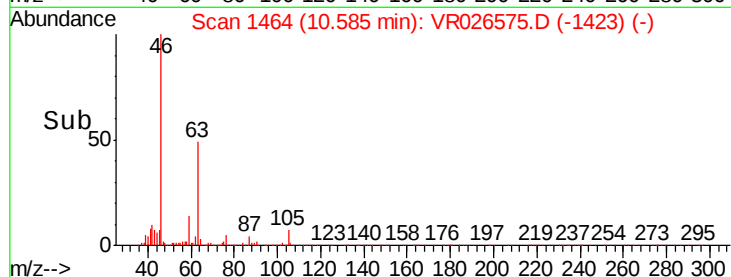
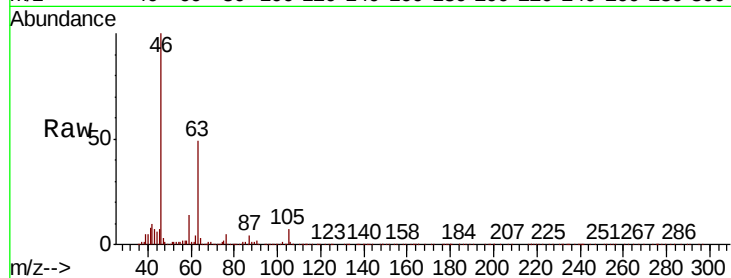
Ion Ratio Lower Upper

43 100

58 27.9 37.2 55.8#

57 29.2 13.4 20.0#

100 5.6 6.4 9.6#



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

