

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025673.D
 Acq On : 5 Sep 2018 17:07
 Operator : SY/MD
 Sample : J4749-06MSD
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E5FA8MSD

Quant Time: Sep 06 04:19:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	473467	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	398210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	119863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	115946	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	2.62	69	105564	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	3.63	63	309010	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	6.60	46	119511	50.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.78%
24) Chloroform-d	7.21	84	229441	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	7.90	65	84028	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	7.86	84	531708	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	8.90	67	157941	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	9.97	98	494693	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	10.24	79	29484	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	147185	57.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67901	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	109808	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

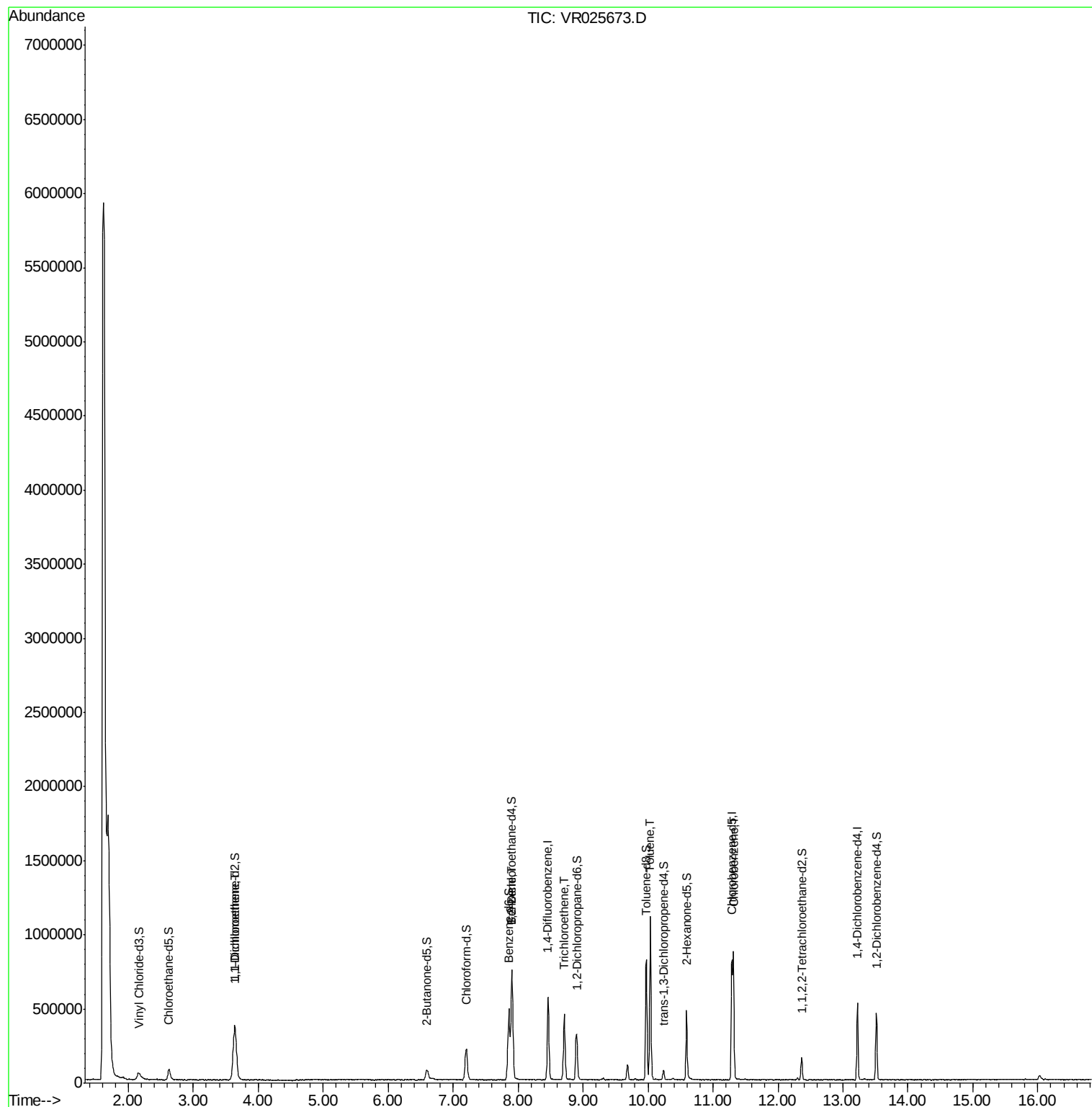
Target Compounds					Ovalue
12) 1,1-Dichloroethene	3.65	96	152394	4.10 ug/L	# 76
33) Benzene	7.91	78	669824	4.61 ug/L	100
34) Trichloroethene	8.71	95	149437	4.49 ug/L	95
42) Toluene	10.03	91	729689	5.11 ug/L	99
51) Chlorobenzene	11.31	112	415228	4.67 ug/L	99

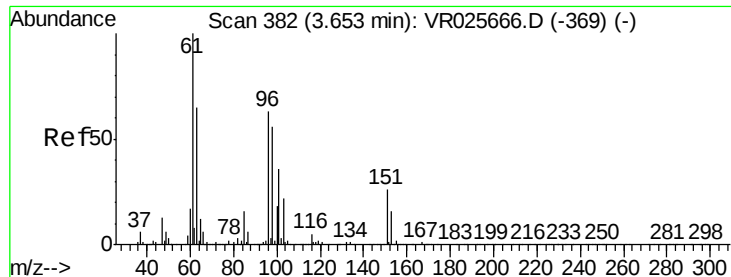
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.10 ug/L

RT: 3.65 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

E5FA8MSD

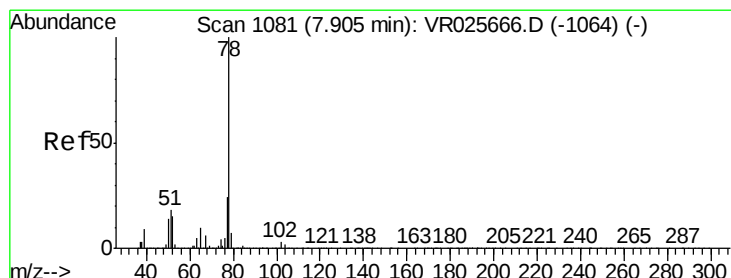
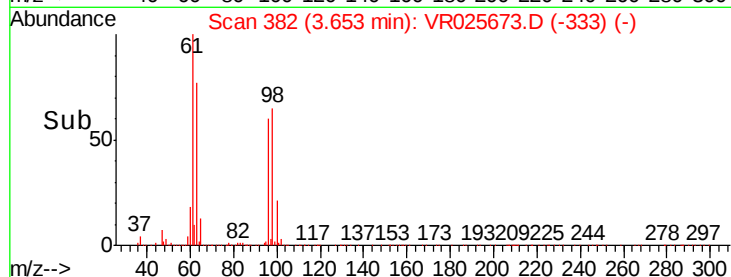
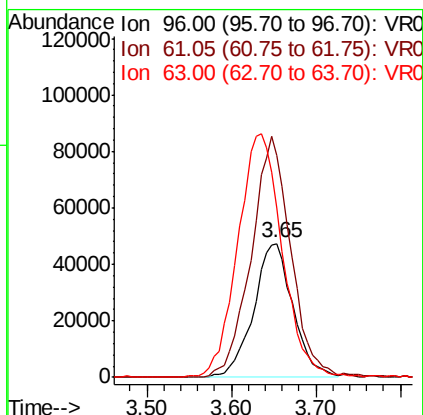
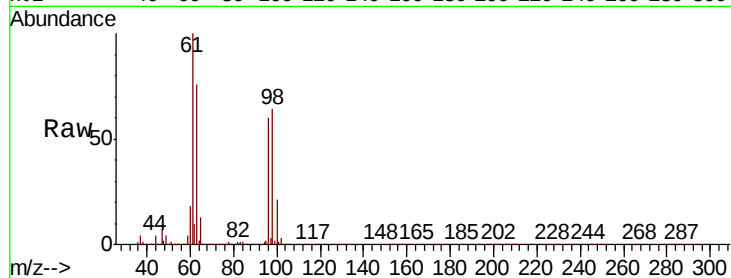
Tot Ion: 96 Resp: 152394

Ion Ratio Lower Upper

96 100

61 165.9 119.8 222.6

63 126.7 131.1 243.5#



#33

Benzene

Concen: 4.61 ug/L

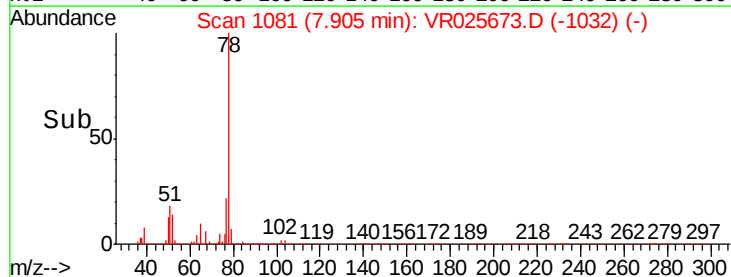
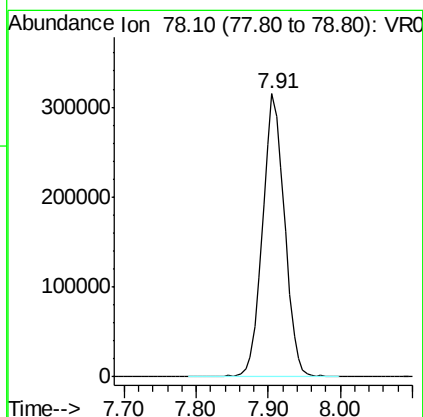
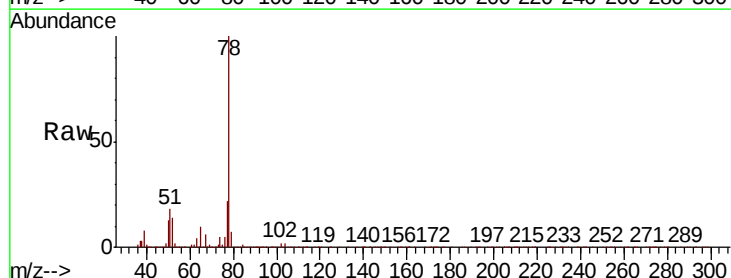
RT: 7.91 min Scan# 1081

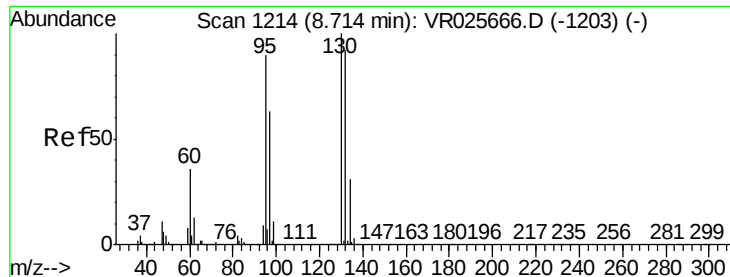
Delta R.T. 0.00 min

Lab File: VR025673.D

Acq: 5 Sep 2018 17:07

Tgt Ion: 78 Resp: 669824





#34

Trichloroethene

Concen: 4.49 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.00 min

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Acq: 5 Sep 2018 17:07

Instrument :

MSVOA_R

ClientSampleId :

E5FA8MSD

Tot Ion: 95 Resp: 149437

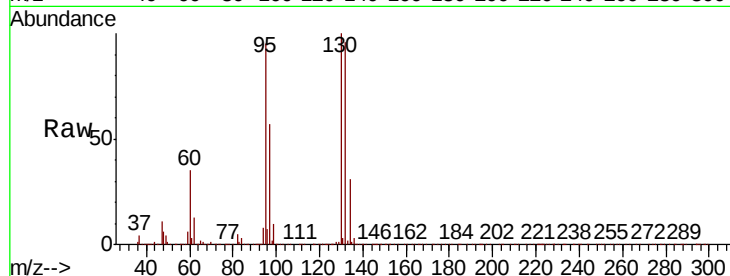
Ion Ratio Lower Upper

95 100

97 59.9 45.7 84.9

132 101.4 66.6 123.6

130 105.7 72.2 134.0

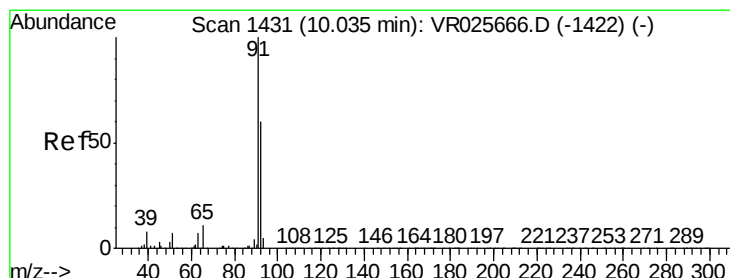
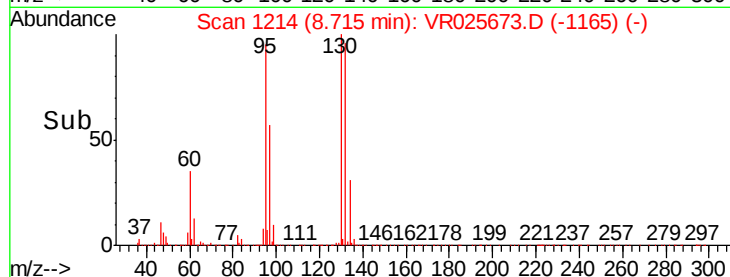
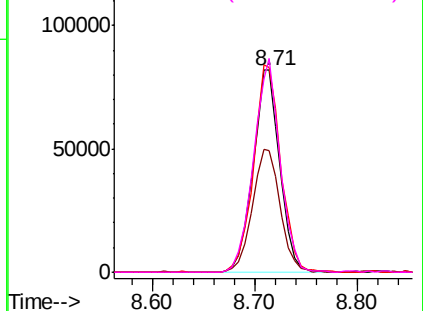


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 5.11 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025673.D

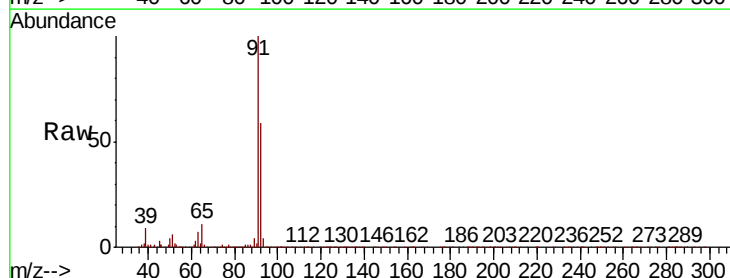
Acq: 5 Sep 2018 17:07

Tgt Ion: 91 Resp: 729689

Ion Ratio Lower Upper

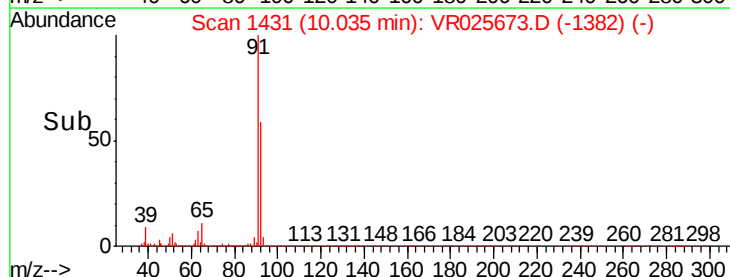
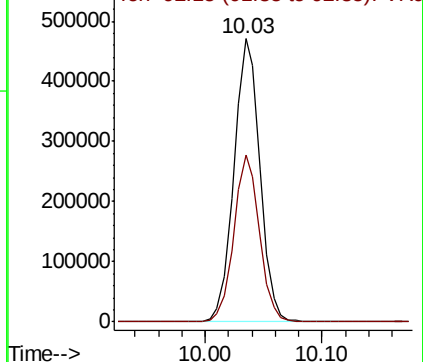
91 100

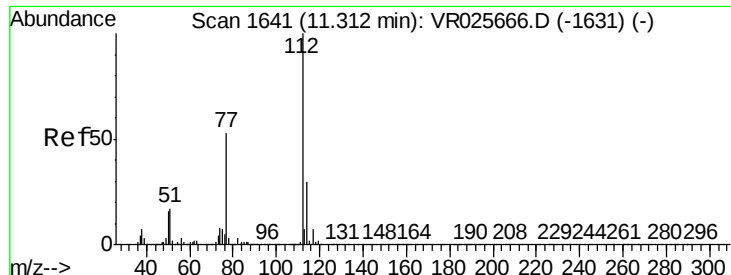
92 59.0 42.0 78.0



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0





#51

Chlorobenzene

Concen: 4.67 ug/L

RT: 11.31 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VR025673.D

Acq: 5 Sep 2018 17:07

Instrument :

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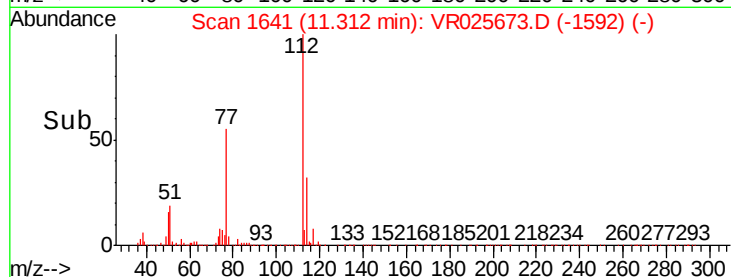
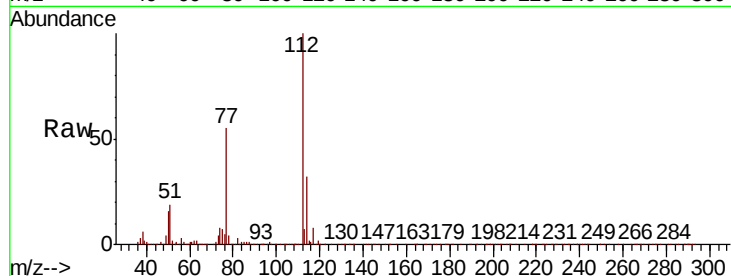
Tot Ion:112 Resp: 415228

Ion Ratio Lower Upper

112 100

114 32.0 21.8 40.4

77 54.7 43.0 64.4



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VR0

