

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006848.D
 Acq On : 03 Aug 2018 10:13
 Operator : SY/MD
 Sample : J4261-03MSD
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E5F89MSD

Quant Time: Aug 03 12:15:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 04:21:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244127	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77926	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	74907	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	157859	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.95	46	243878	59.47	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.94%
24) Chloroform-d	4.41	84	154668	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.09	65	81619	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.10	84	293650	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	102226	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.37	98	225625	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	28994	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.14	63	149097	48.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81470	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	75520	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

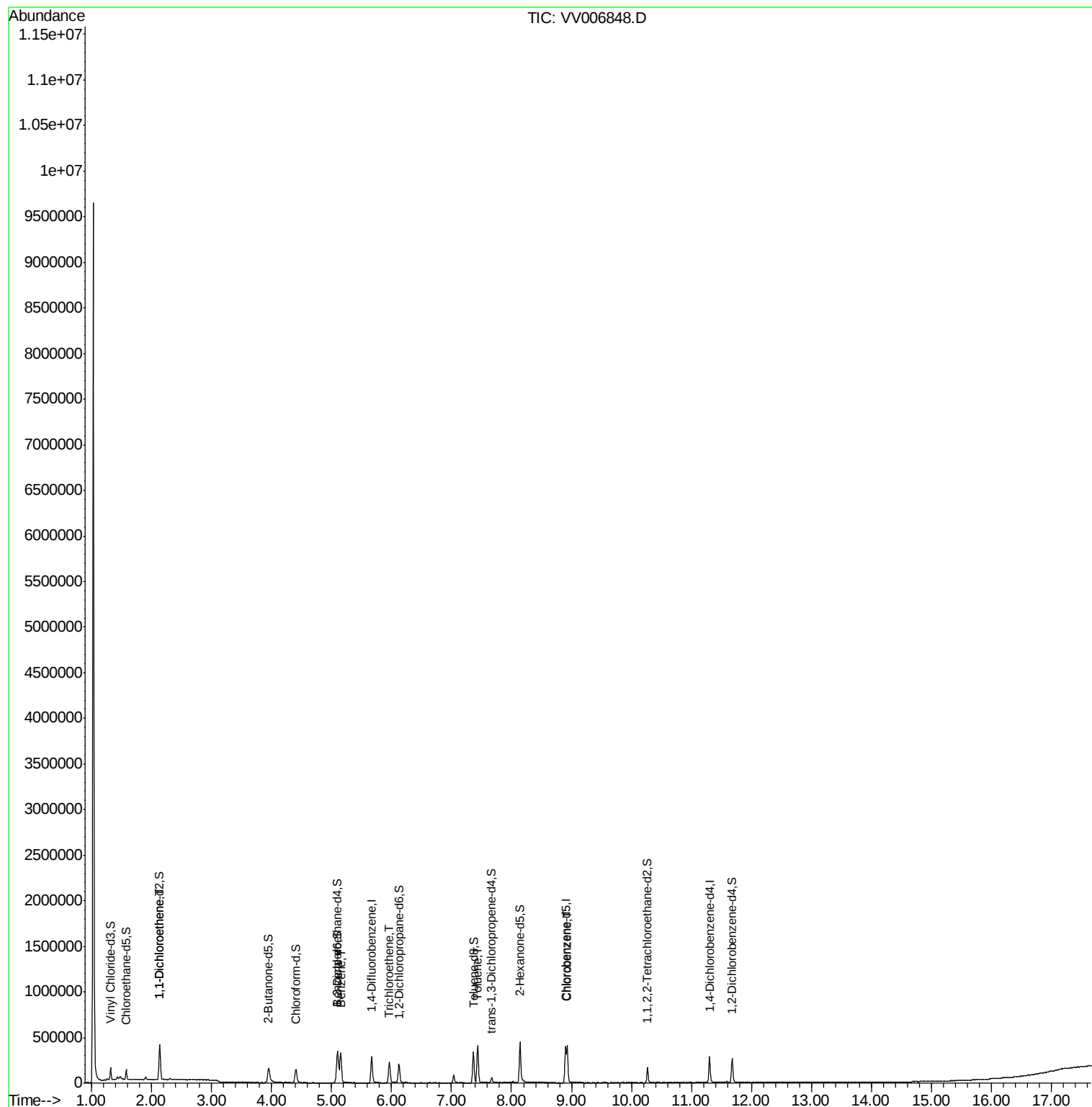
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.14	96	75236	4.82 ug/L	94
33) Benzene	5.15	78	336911	4.96 ug/L	100
34) Trichloroethene	5.96	95	79133	4.58 ug/L	99
42) Toluene	7.44	91	299887	4.49 ug/L	97
51) Chlorobenzene	8.93	112	211496	4.92 ug/L	99

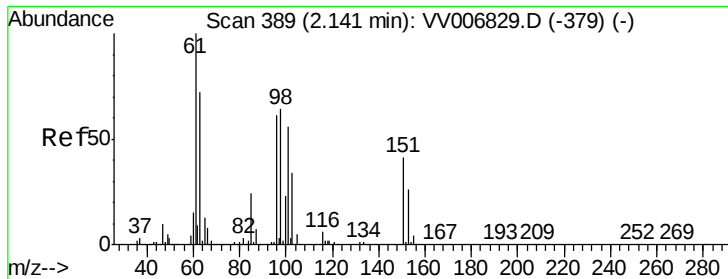
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.82 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

Instrument :

MSVOA_V

ClientSampleId :

E5F89MSD

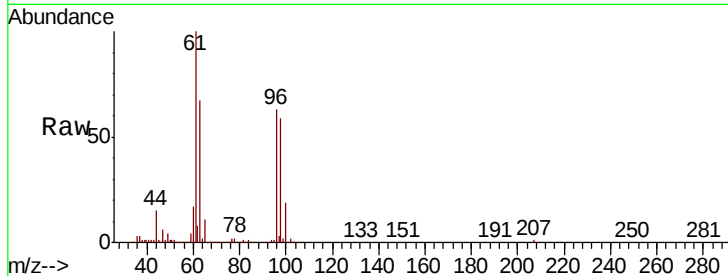
Tot Ion: 96 Resp: 75236

Ion Ratio Lower Upper

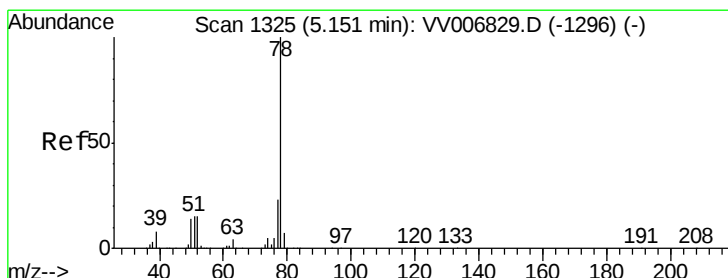
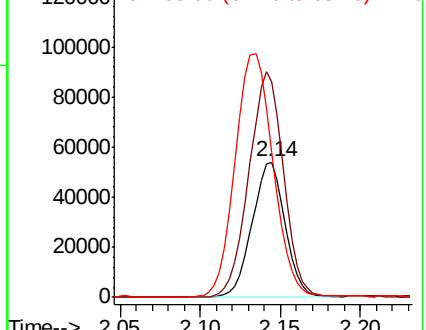
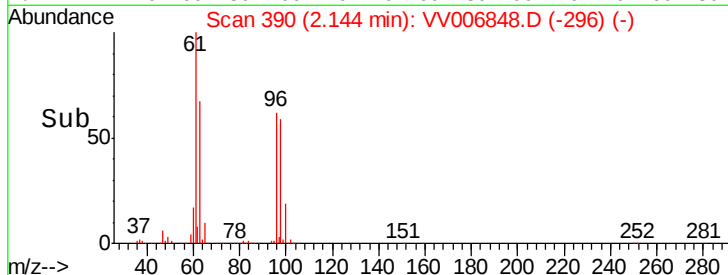
96 100

61 159.6 115.3 214.1

63 107.2 81.9 152.1



Abundance Ion 96.00 (95.70 to 96.70): VV006848.D (-296) (-)



#33

Benzene

Concen: 4.96 ug/L

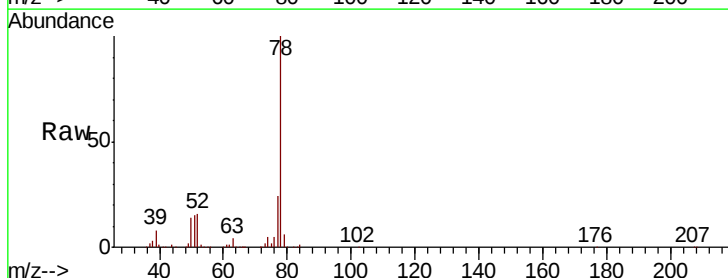
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

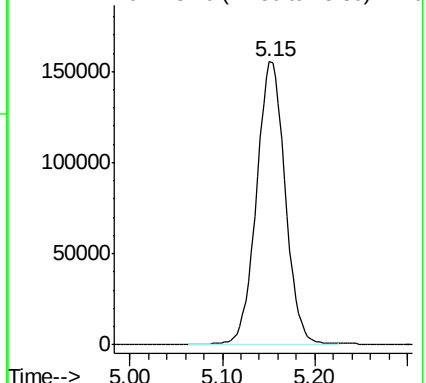
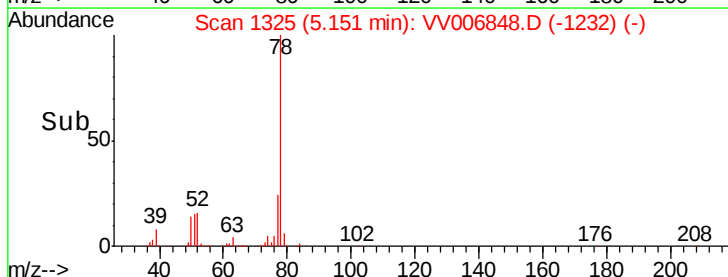
Lab File: VV006848.D

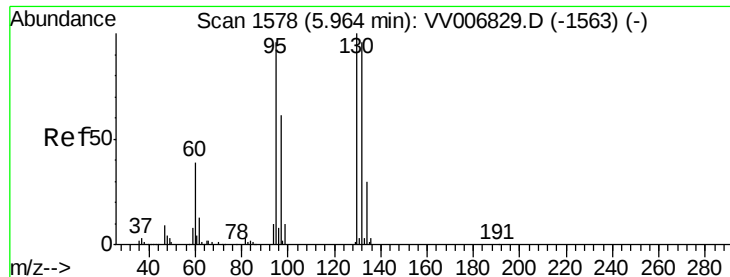
Acq: 03 Aug 2018 10:13

Tgt Ion: 78 Resp: 336911



Abundance Ion 78.10 (77.80 to 78.80): VV006848.D (-1232) (-)





#34

Trichloroethene

Concen: 4.58 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

Instrument :

MSVOA_V

ClientSampleId :

E5F89MSD

Tot Ion: 95 Resp: 79133

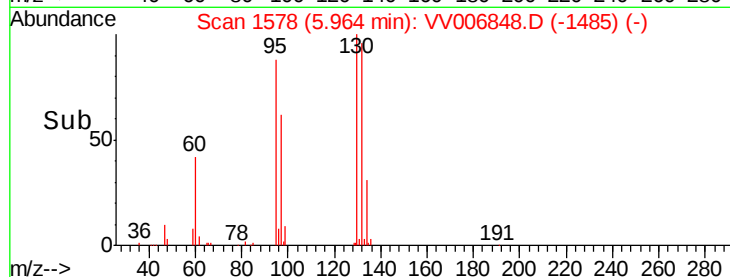
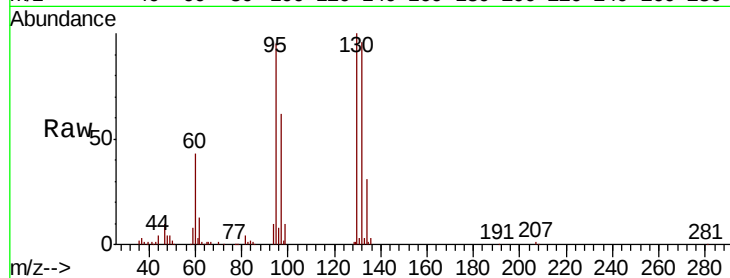
Ion Ratio Lower Upper

95 100

97 65.7 46.3 86.1

132 101.2 72.0 133.6

130 105.3 72.4 134.4

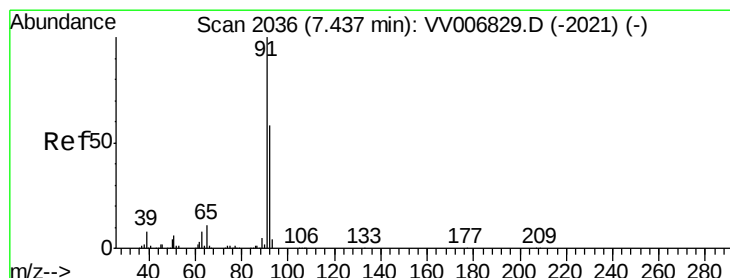
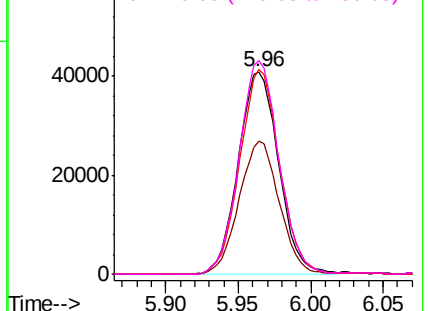


Abundance Ion 95.00 (94.70 to 95.70): VV006848.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV006848.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006848.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006848.D (-1485) (-)



#42

Toluene

Concen: 4.49 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006848.D

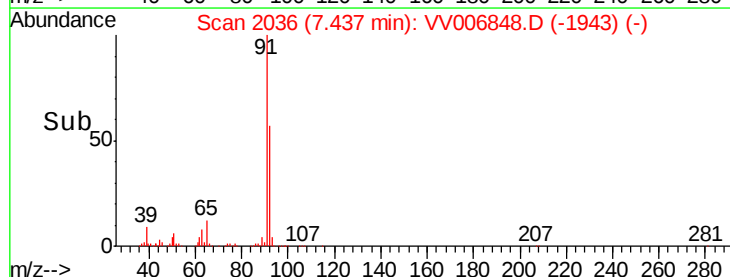
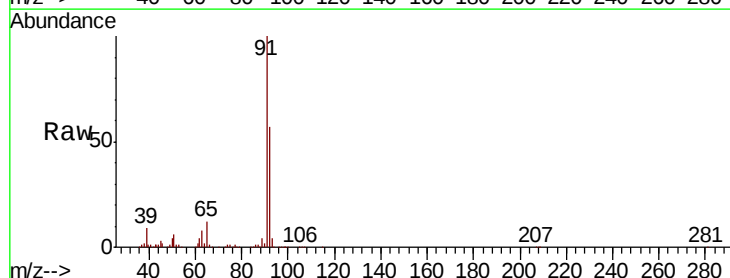
Acq: 03 Aug 2018 10:13

Tgt Ion: 91 Resp: 299887

Ion Ratio Lower Upper

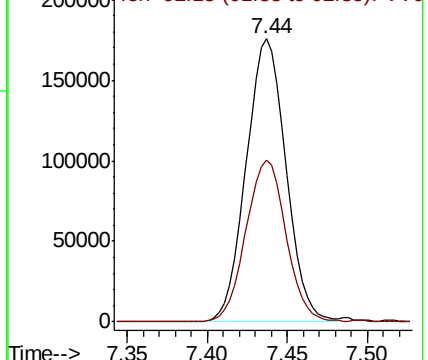
91 100

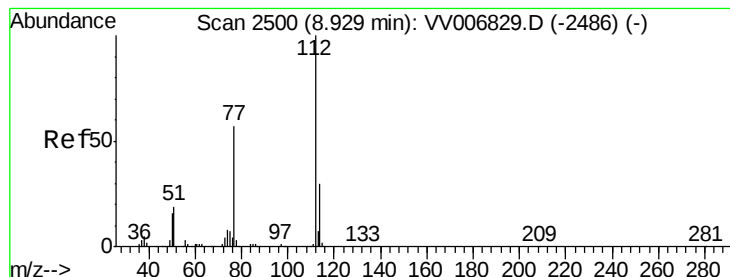
92 57.0 41.4 77.0



Abundance Ion 91.15 (90.85 to 91.85): VV006848.D (-1943) (-)

Ion 92.15 (91.85 to 92.85): VV006848.D (-1943) (-)





#51

Chlorobenzene

Concen: 4.92 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006848.D

Acq: 03 Aug 2018 10:13

Instrument :

MSVOA_V

ClientSampleId :

E5F89MSD

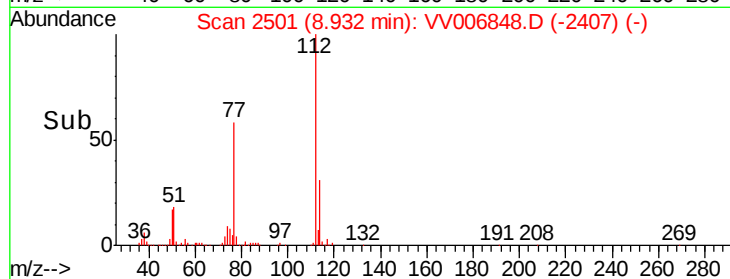
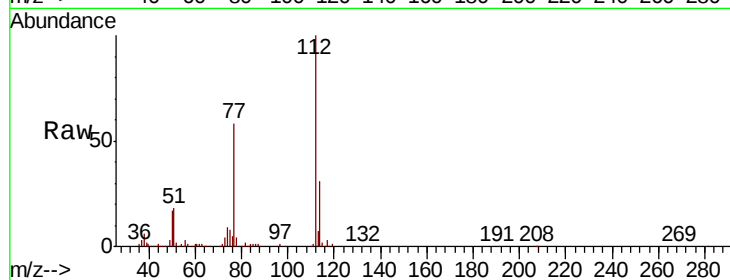
Tot Ion:112 Resp: 211496

Ion Ratio Lower Upper

112 100

114 31.5 22.3 41.5

77 58.2 46.3 69.5



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): VV0

