

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061919\
 Data File : VV011599.D
 Acq On : 19 Jun 2019 02:52
 Operator : SY/MD
 Sample : K3386-12
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM93

Quant Time: Jun 19 08:54:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 19 07:50:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	180579	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41798	3.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.40%
7) Chloroethane-d5	1.58	69	35860	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.12	63	79226	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	3.97	46	196755	51.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.58%
24) Chloroform-d	4.40	84	113484	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.08	65	70985	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.09	84	216997	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	73037	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	175780	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.67	79	18739	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.14	63	143219	48.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52904	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	60224	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

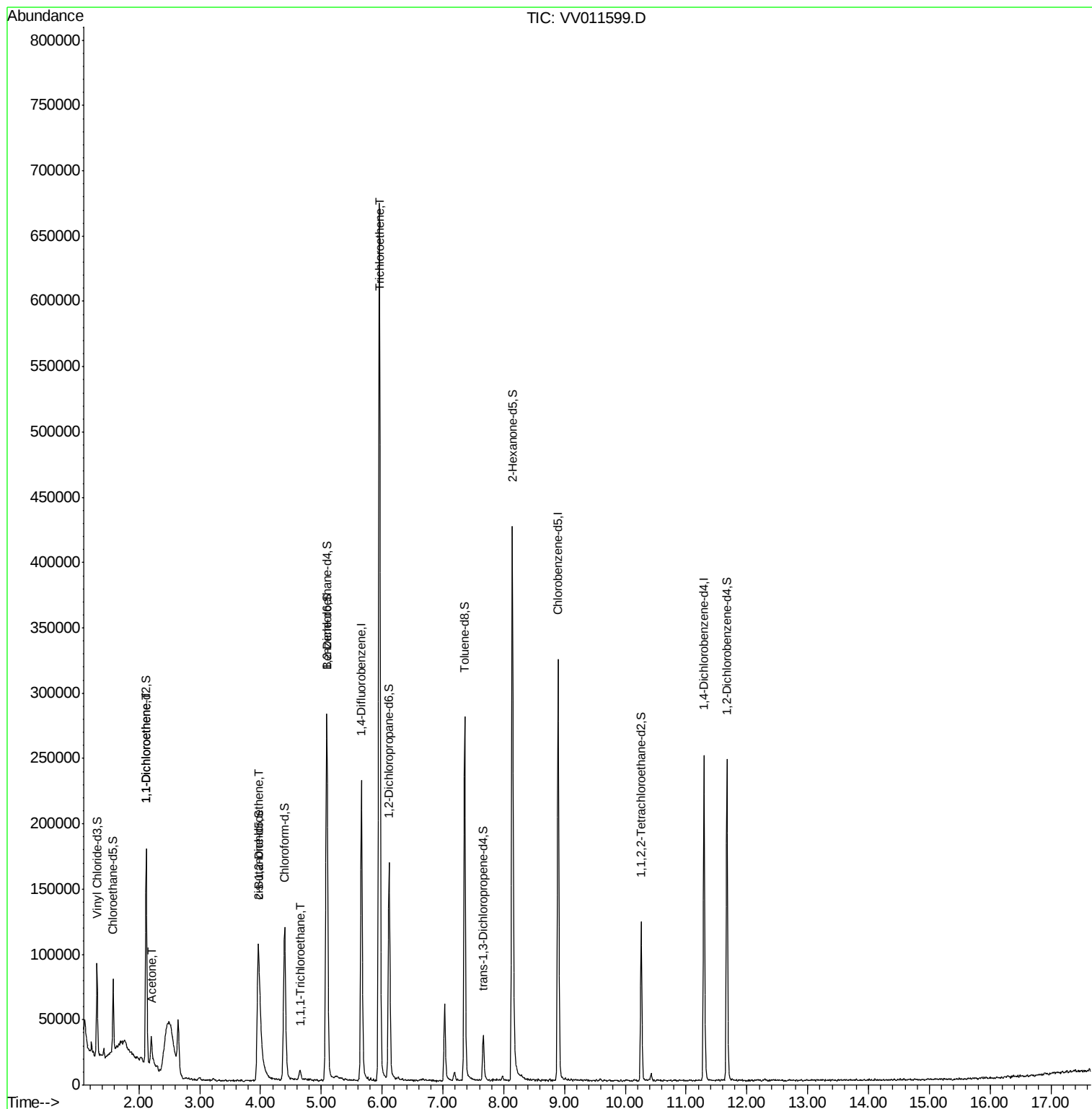
					Ovalue
12) 1,1-Dichloroethene	2.13	96	13872	1.235 ug/L	# 44
13) Acetone	2.23	43	6027	2.331 ug/L	79
22) cis-1,2-Dichloroethene	3.96	96	12583	0.875 ug/L	89
29) 1,1,1-Trichloroethane	4.65	97	5093	0.252 ug/L	91
34) Trichloroethene	5.96	95	224169	16.583 ug/L	98

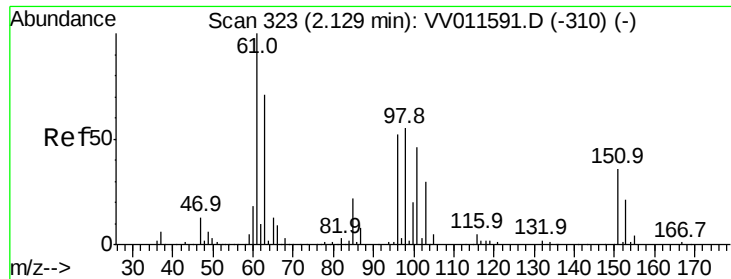
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.235 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011599.D

Acq: 19 Jun 2019 02:52

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MSVOA_V

ClientSampleId :

C0M93

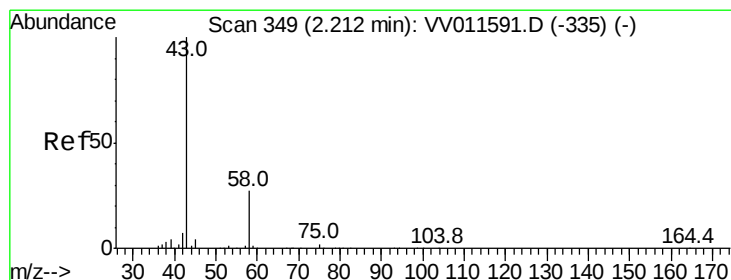
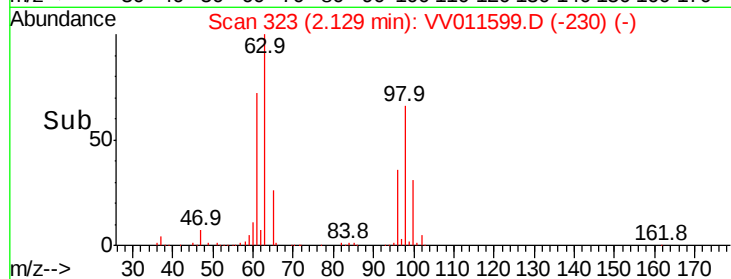
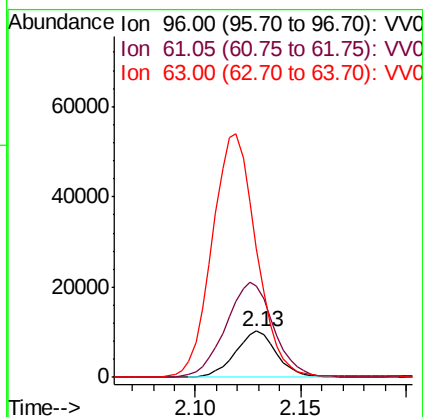
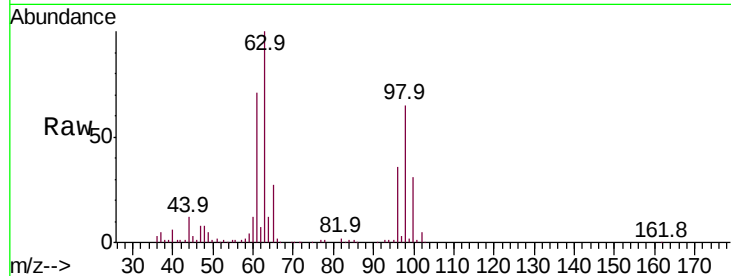
Tot Ion: 96 Resp: 13872

Ion Ratio Lower Upper

96 100

61 199.3 135.9 252.5

63 279.0 86.2 160.2#



#13

Acetone

Concen: 2.331 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

Lab File: VV011599.D

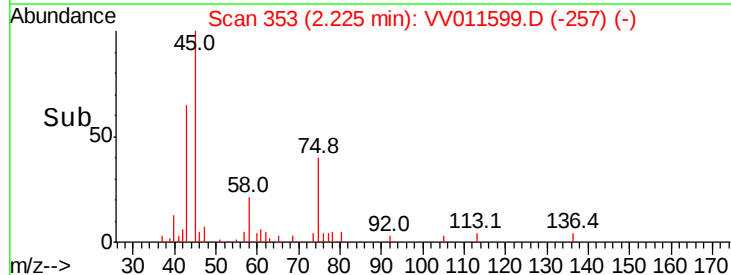
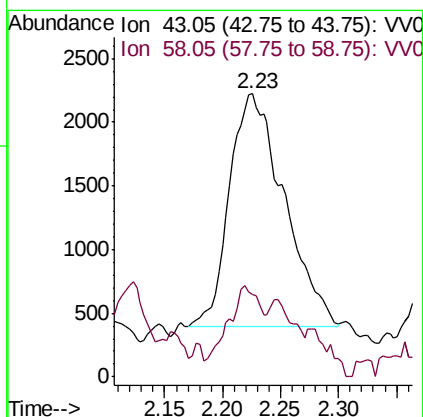
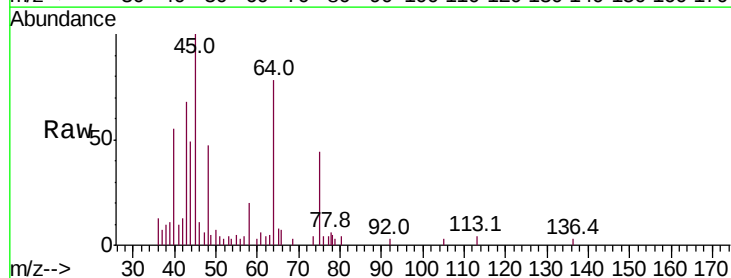
Acq: 19 Jun 2019 02:52

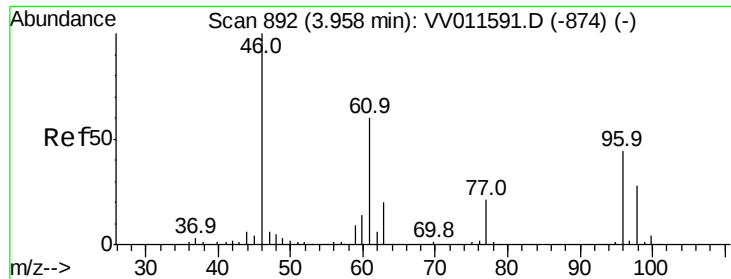
Tgt Ion: 43 Resp: 6027

Ion Ratio Lower Upper

43 100

58 17.6 0.0 57.8



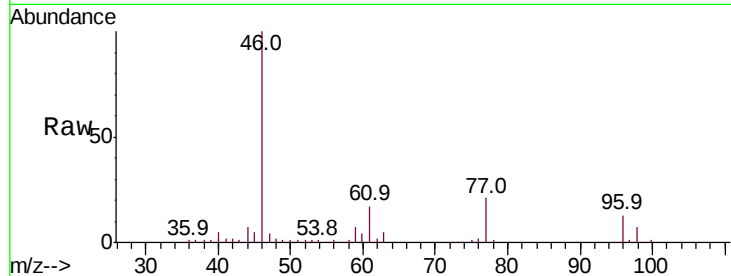


#22

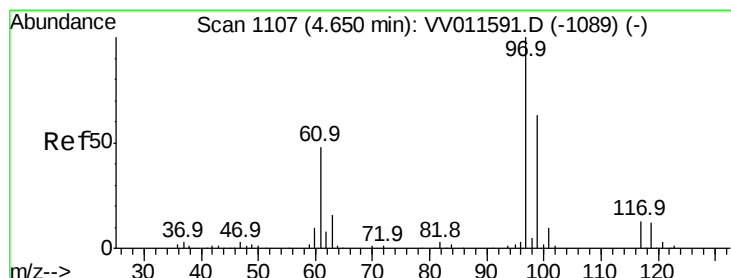
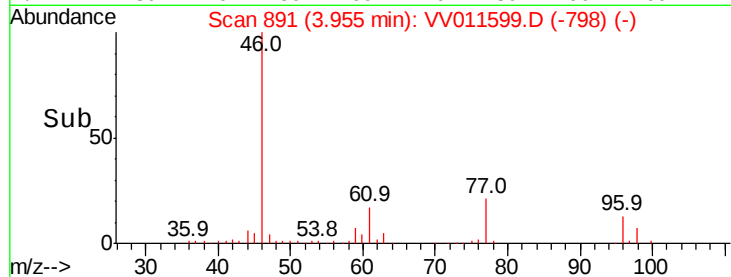
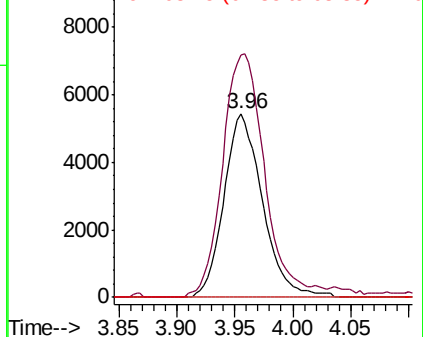
cis-1,2-Dichloroethene
Concen: 0.875 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV011599.D
Acq: 19 Jun 2019 02:52

Instrument :
MSVOA_V
ClientSampleId :
COM93

Tot Ion: 96 Resp: 12583
Ion Ratio Lower Upper
96 100
61 131.9 102.2 189.8
68 0.0 0.0 0.0



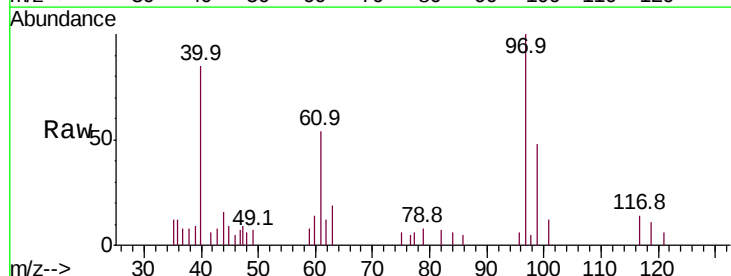
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



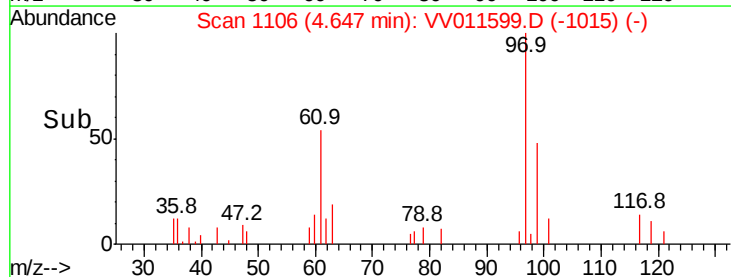
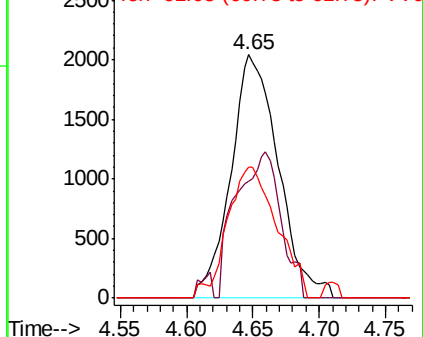
#29

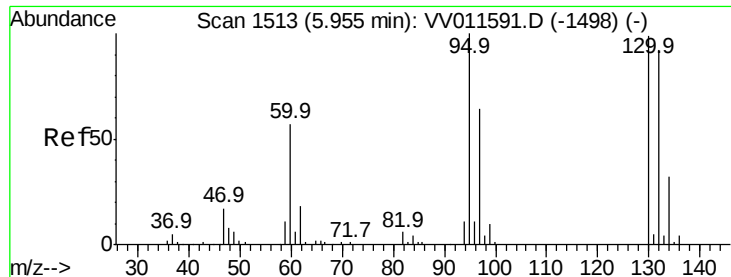
1,1,1-Trichloroethane
Concen: 0.252 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VV011599.D
Acq: 19 Jun 2019 02:52

Tgt Ion: 97 Resp: 5093
Ion Ratio Lower Upper
97 100
99 56.9 51.6 77.4
61 56.0 40.4 60.6



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 16.583 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011599.D

Acq: 19 Jun 2019 02:52

Instrument :
MSVOA_V
ClientSampleId :
COM93

Tot Ion: 95 Resp: 224169

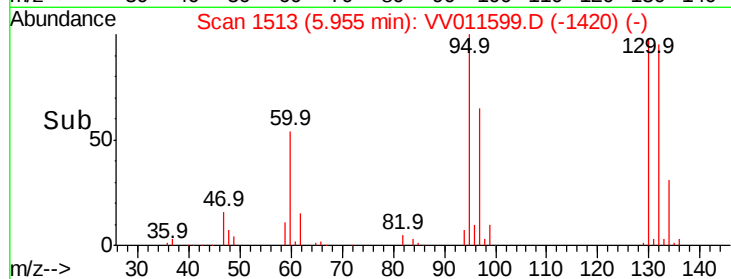
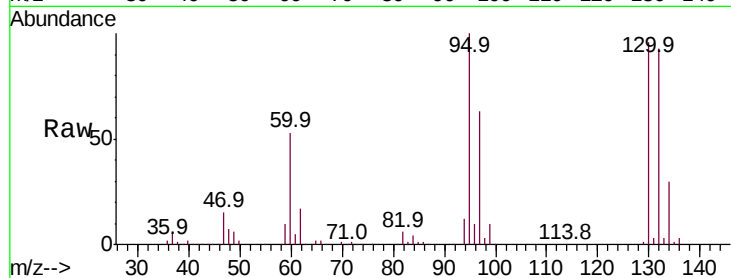
Ion Ratio Lower Upper

95 100

97 63.1 44.4 82.4

132 92.6 63.5 117.9

130 96.0 68.5 127.3



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

