

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082319\
 Data File : VV012377.D
 Acq On : 23 Aug 2019 21:23
 Operator : SY/MD
 Sample : K4500-03
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANJ9

Quant Time: Aug 26 10:00:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 26 07:59:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246058	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	239200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95671	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66612	5.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.40%
7) Chloroethane-d5	1.58	69	47516	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.13	63	87859	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	3.93	46	170654	51.49	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.98%
24) Chloroform-d	4.40	84	142260	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.08	65	68322	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.10	84	285014	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	86474	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	233646	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	28183	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.13	63	92708	44.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53710	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	82501	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

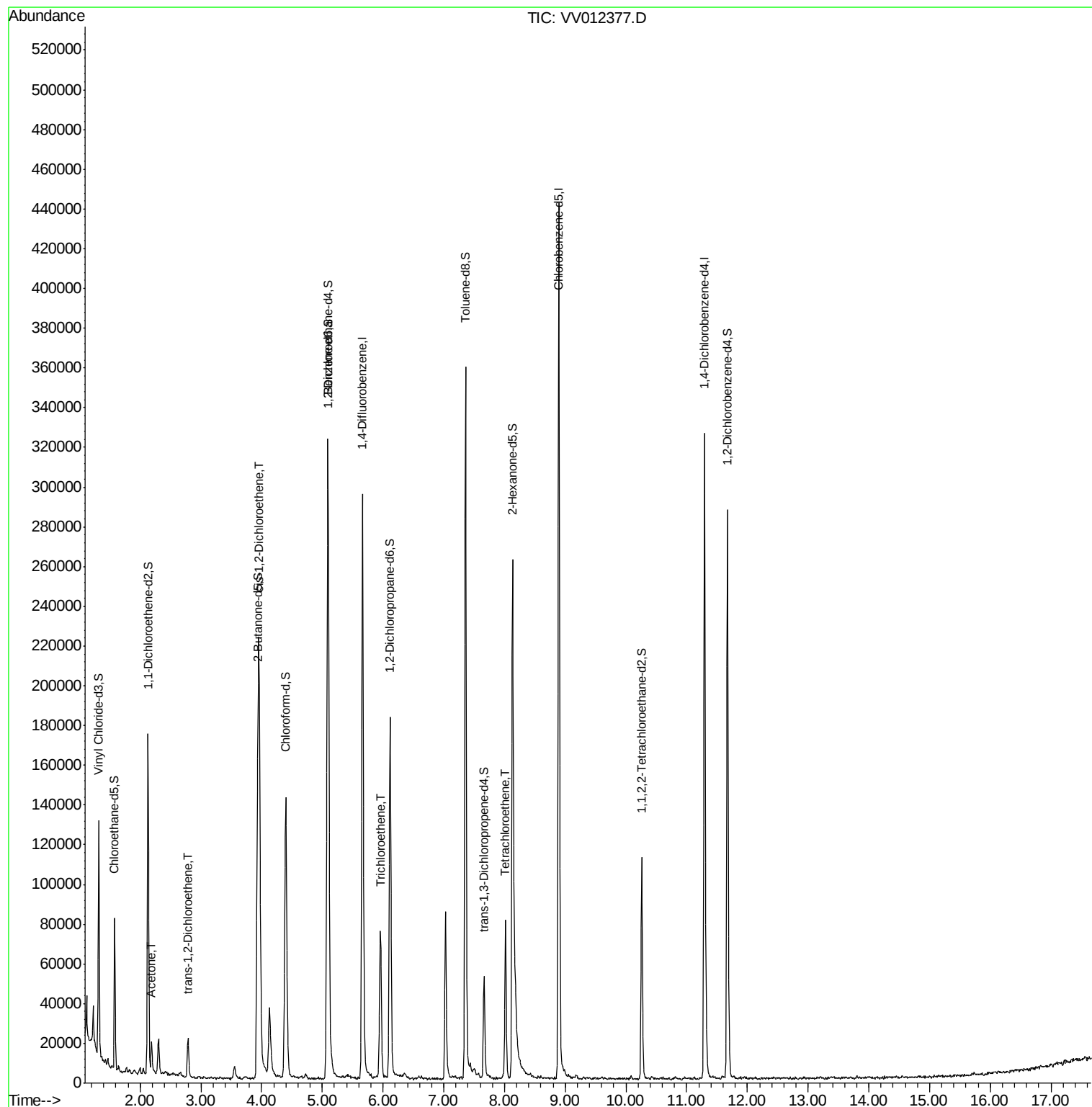
					Ovalue
13) Acetone	2.19	43	11874	8.281	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	6802	0.463	ug/L 92
22) cis-1,2-Dichloroethene	3.96	96	102765	6.419	ug/L # 99
34) Trichloroethene	5.96	95	23683	1.439	ug/L 94
47) Tetrachloroethene	8.02	164	18040	1.358	ug/L 98

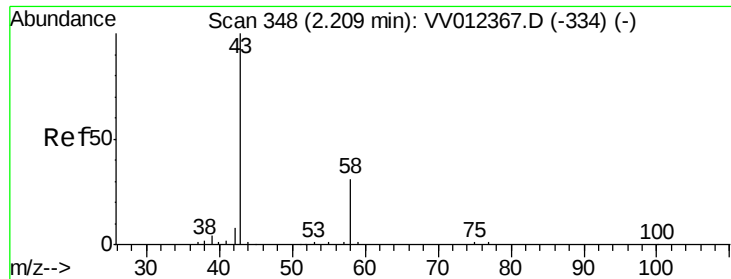
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 8.281 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV012377.D

Acq: 23 Aug 2019 21:23

Instrument :

MSVOA_V

ClientSampleId :

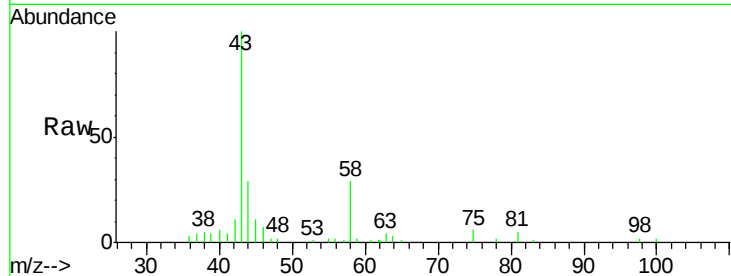
GANJ9

Tot Ion: 43 Resp: 11874

Ion Ratio Lower Upper

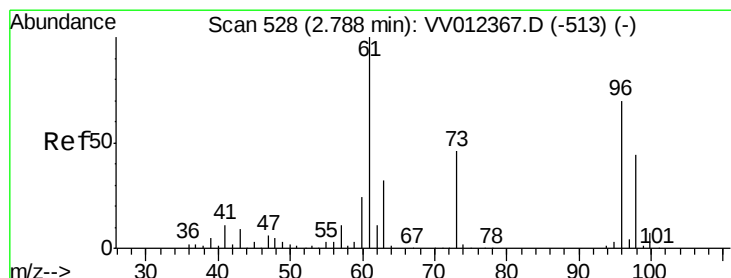
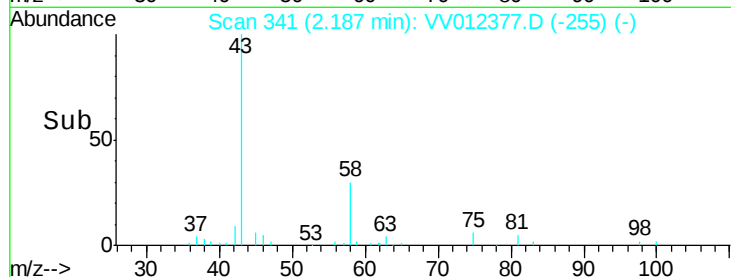
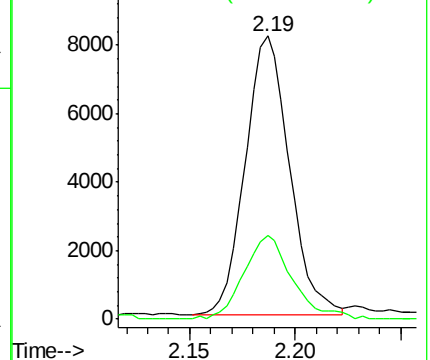
43 100

58 32.8 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.463 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV012377.D

Acq: 23 Aug 2019 21:23

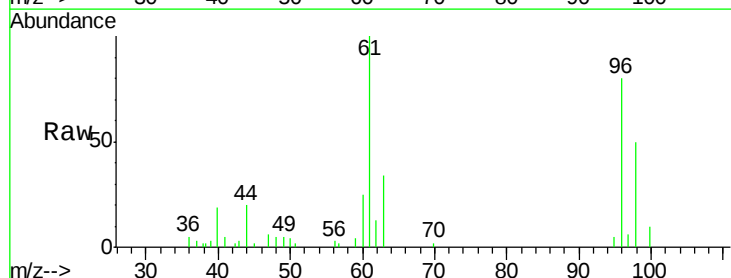
Tgt Ion: 96 Resp: 6802

Ion Ratio Lower Upper

96 100

61 124.6 96.0 178.4

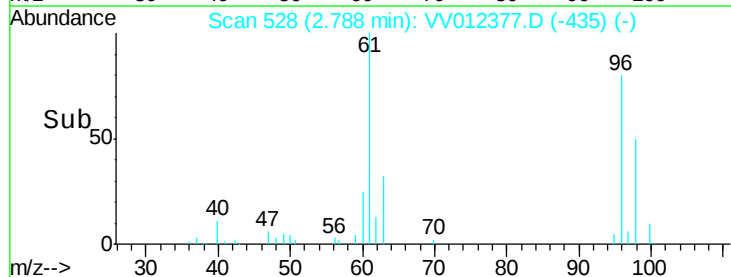
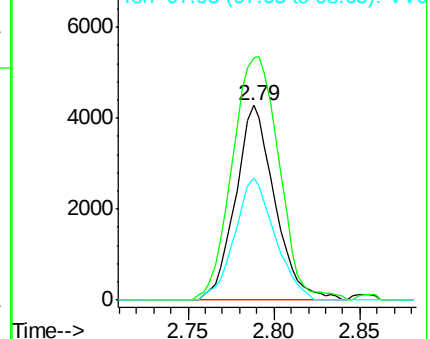
98 62.6 42.1 78.3

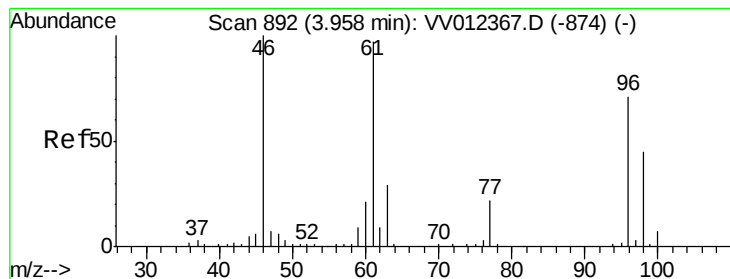


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#22

cis-1,2-Dichloroethene

Concen: 6.419 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012377.D

Acq: 23 Aug 2019 21:23

Instrument :

MSVOA_V

ClientSampleId :

GANJ9

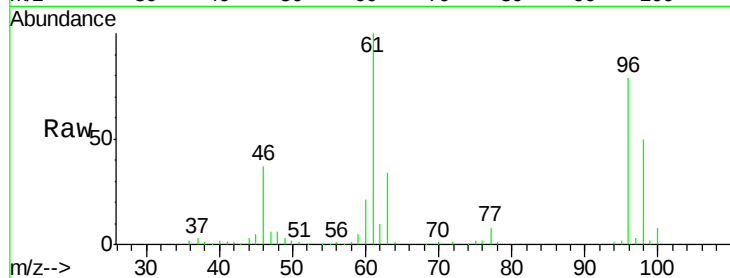
Tot Ion: 96 Resp: 102765

Ion Ratio Lower Upper

96 100

61 126.7 89.4 166.0

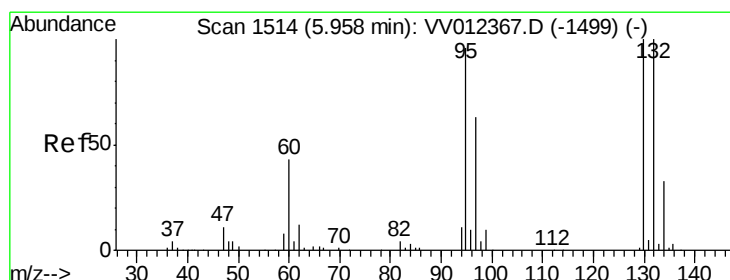
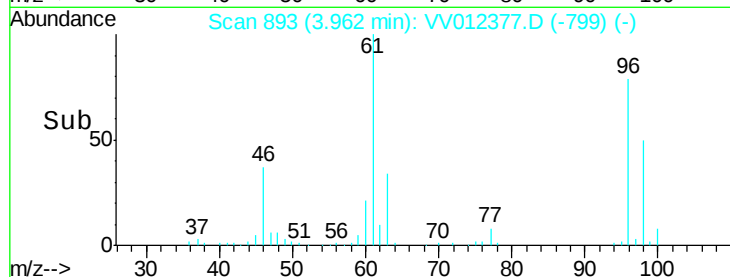
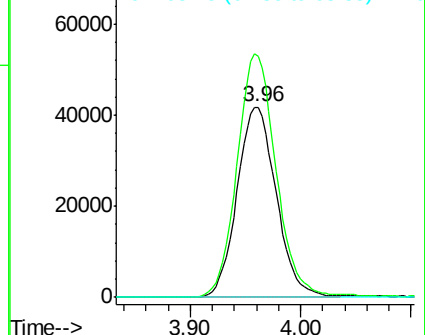
68 0.3 0.0 0.0#



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



#34

Trichloroethene

Concen: 1.439 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012377.D

Acq: 23 Aug 2019 21:23

Tgt Ion: 95 Resp: 23683

Ion Ratio Lower Upper

95 100

97 66.3 46.3 86.1

132 94.0 70.3 130.7

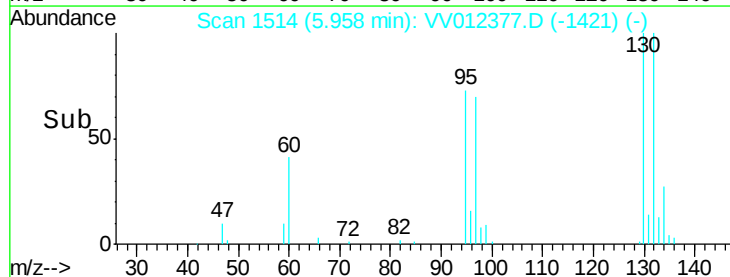
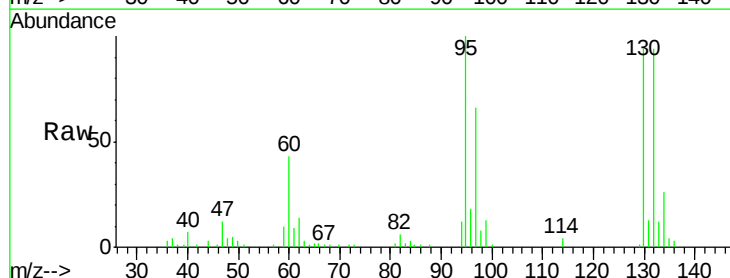
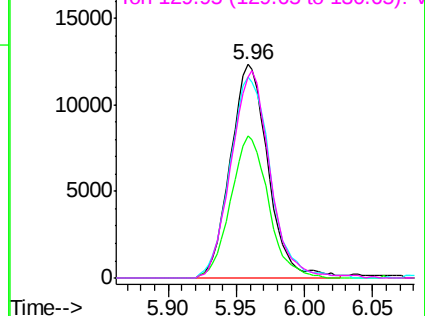
130 93.9 72.4 134.5

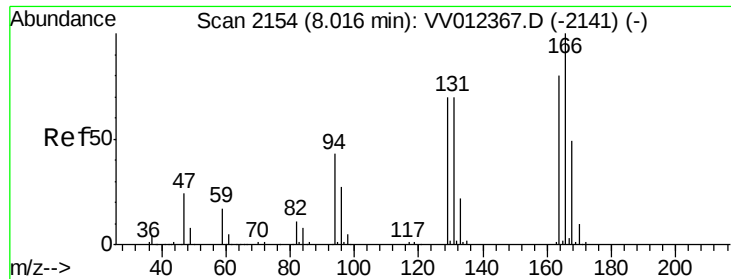
Abundance Ion 95.00 (94.70 to 95.70): VV0

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





#47

Tetrachloroethene

Concen: 1.358 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012377.D

Acq: 23 Aug 2019 21:23

Instrument :
MSVOA_V
ClientSampleId :
GANJ9

Tot Ion:164 Resp: 18040

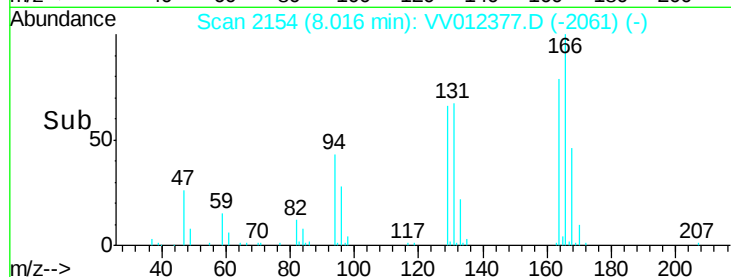
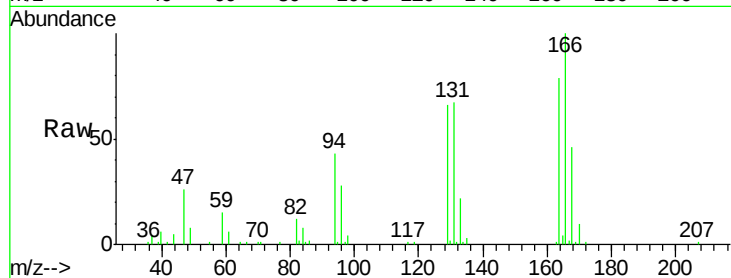
Ion Ratio Lower Upper

164 100

129 84.1 60.6 112.6

131 85.6 58.8 109.2

166 126.8 87.6 162.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

