

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021419\
 Data File : VR026322.D
 Acq On : 14 Feb 2019 20:45
 Operator : SY/MD
 Sample : K1488-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXE8

Quant Time: Feb 15 05:31:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 14:16:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	611239	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	530249	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	185591	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	258392	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	2.63	69	203407	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	3.61	63	437257	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	6.59	46	211634	59.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.10%
24) Chloroform-d	7.20	84	408177	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	7.89	65	166676	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	7.85	84	812382	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	8.90	67	211404	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	9.97	98	727168	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	10.24	79	54852	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	10.59	63	182853	64.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.96%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	91135	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	166937	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

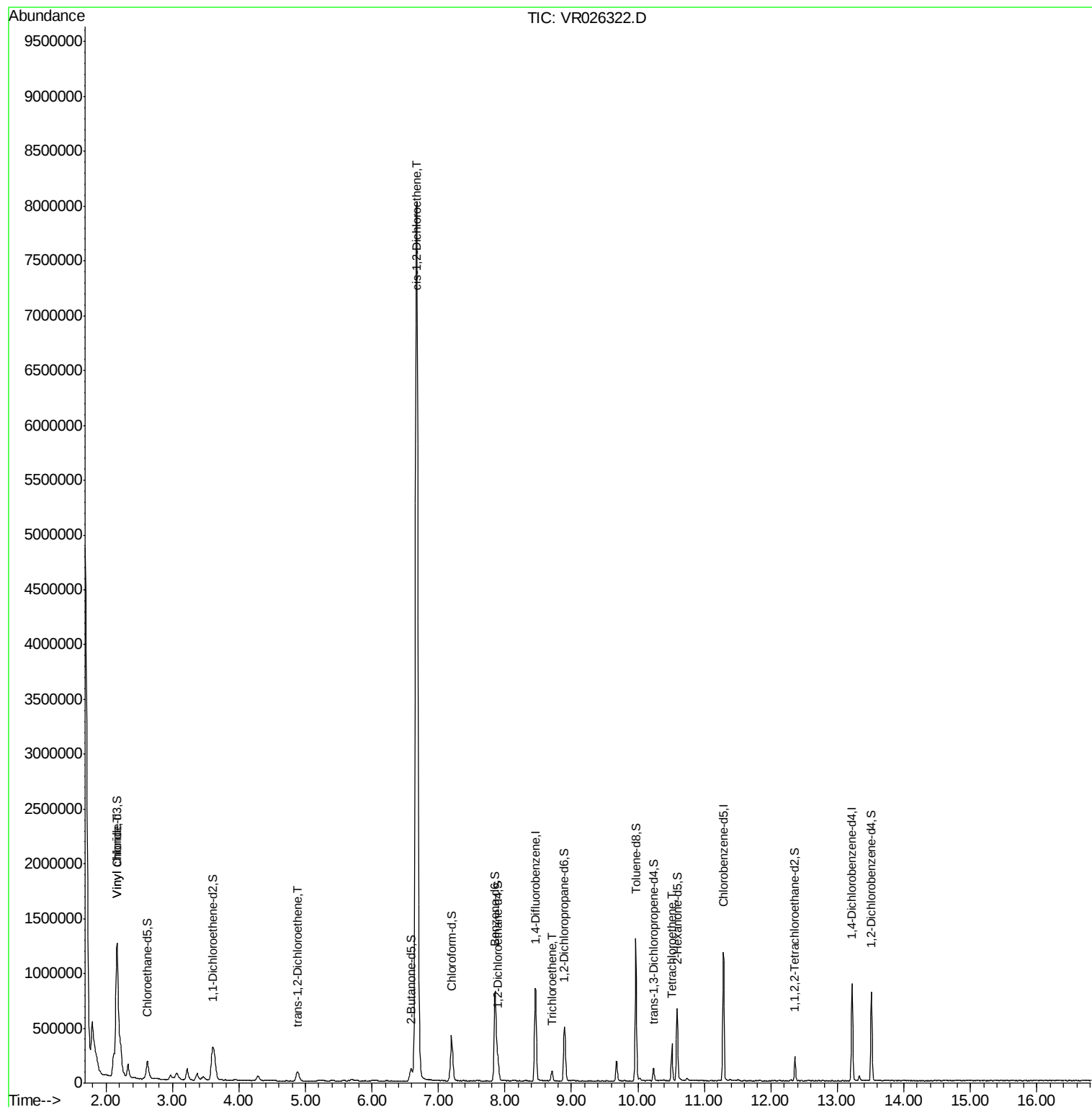
					Ovalue
5) Vinyl chloride	2.17	62	1999459	30.865	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	49522	0.934	ug/L 97
22) cis-1,2-Dichloroethene	6.67	96	4814319	112.611	ug/L # 85
34) Trichloroethene	8.71	95	29824	0.551	ug/L 93
47) Tetrachloroethene	10.51	164	64976	1.565	ug/L 86

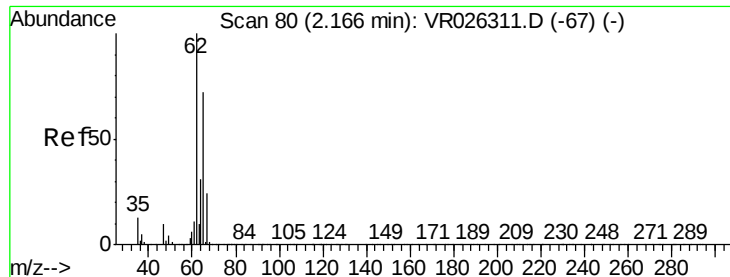
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 14 14:16:44 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 30.865 ug/L

RT: 2.17 min Scan# 80

Delta R.T. 0.00 min

Lab File: VR026322.D

Acq: 14 Feb 2019 20:45

Instrument :

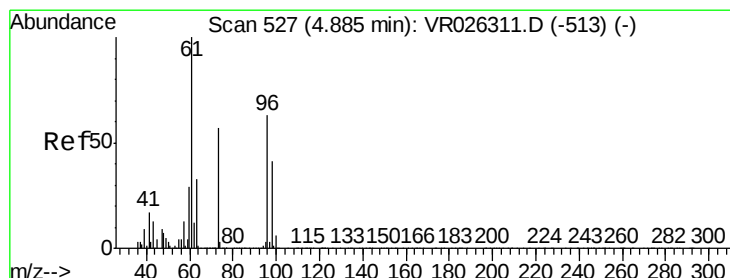
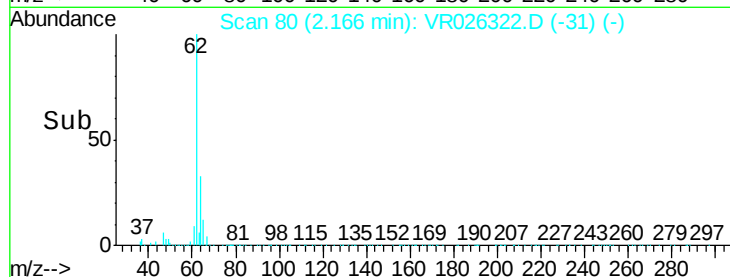
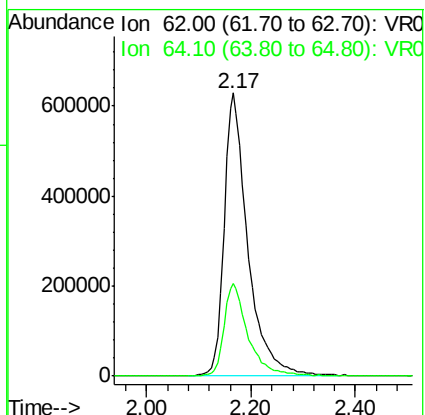
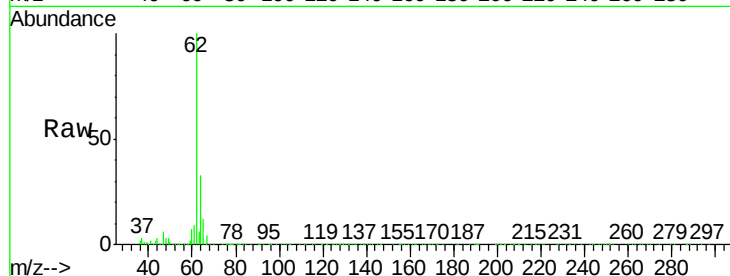
MSVOA_R

ClientSampleId :

ESXE8

Tot Ion: 62 Resp: 1999459

Ion	Ratio	Lower	Upper
62	100		
64	32.7	22.2	41.2



#18

trans-1,2-Dichloroethene

Concen: 0.934 ug/L

RT: 4.88 min Scan# 526

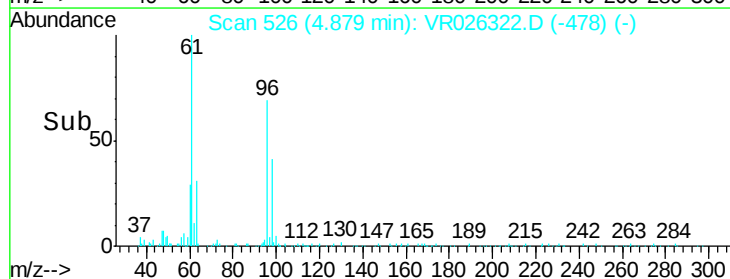
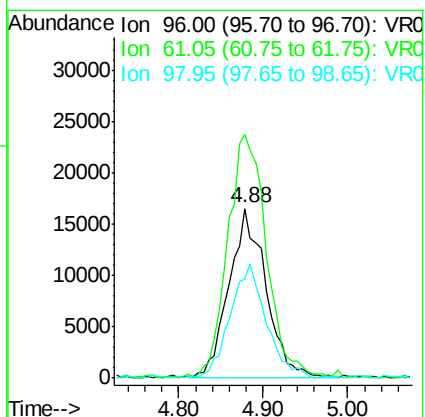
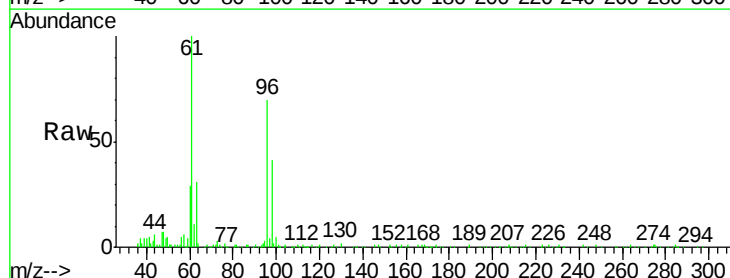
Delta R.T. -0.01 min

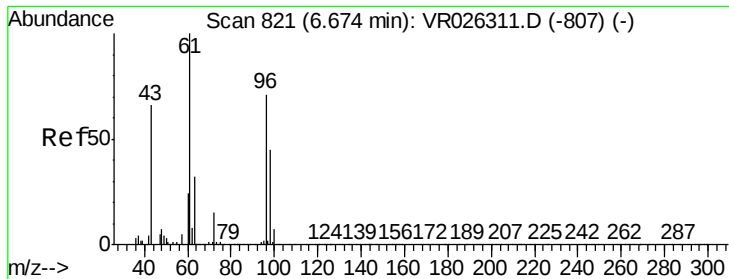
Lab File: VR026322.D

Acq: 14 Feb 2019 20:45

Tgt Ion: 96 Resp: 49522

Ion	Ratio	Lower	Upper
96	100		
61	143.2	102.5	190.3
98	58.5	43.9	81.5



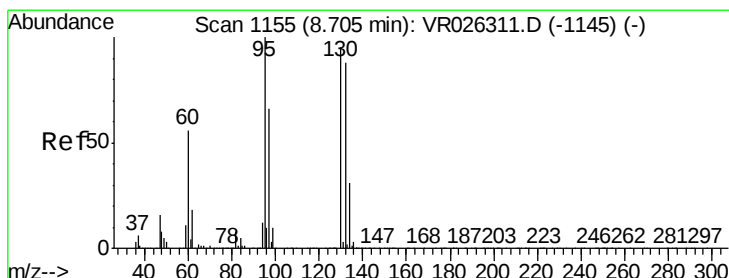
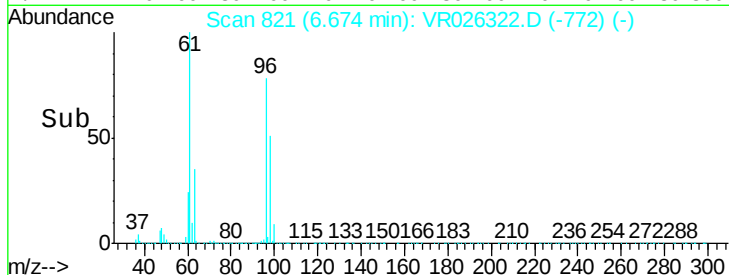
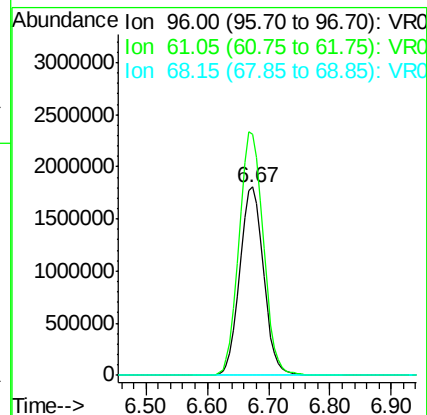
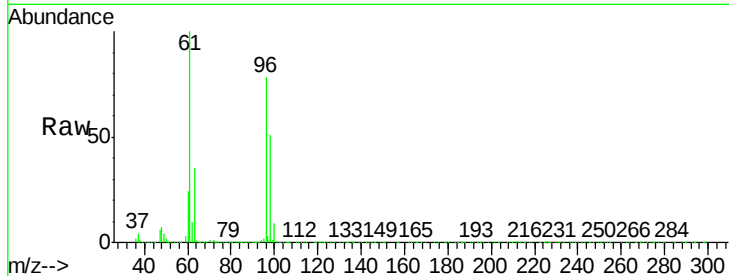


#22

cis-1,2-Dichloroethene
Concen: 112.611 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026322.D
Acq: 14 Feb 2019 20:45

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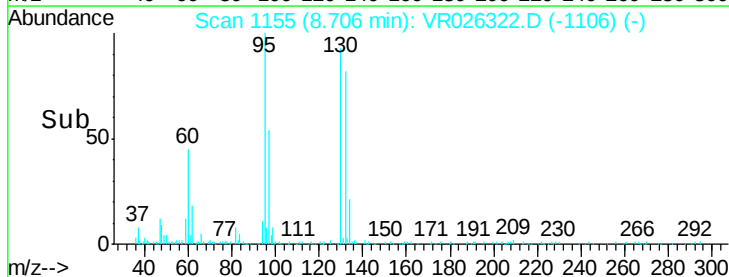
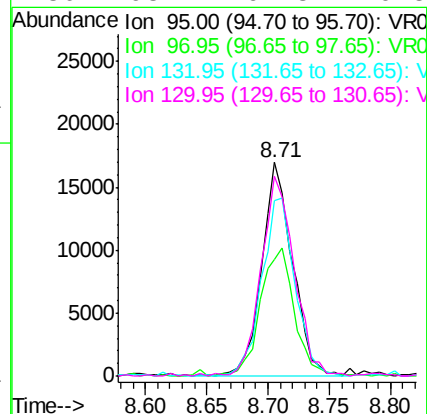
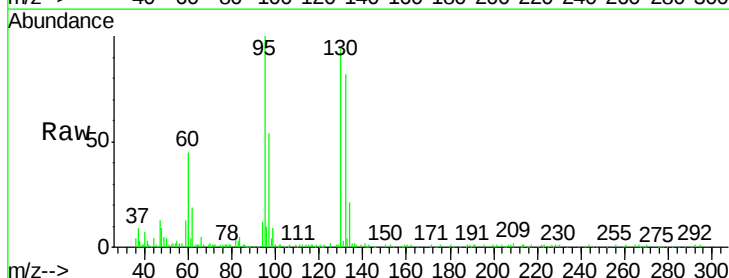
Tot Ion: 96 Resp: 4814319
Ion Ratio Lower Upper
96 100
61 128.2 103.3 191.9
68 0.0 0.1 0.3#

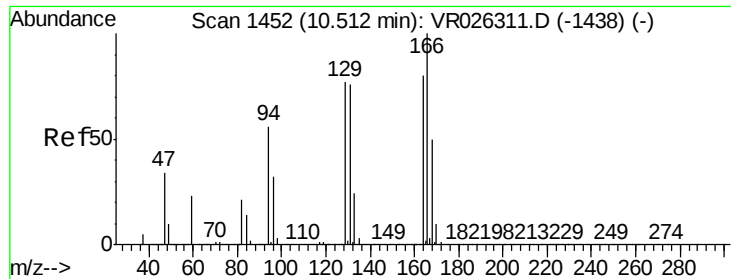


#34

Trichloroethene
Concen: 0.551 ug/L
RT: 8.71 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VR026322.D
Acq: 14 Feb 2019 20:45

Tgt Ion: 95 Resp: 29824
Ion Ratio Lower Upper
95 100
97 54.5 46.6 86.6
132 82.3 61.9 114.9
130 93.7 64.3 119.5





#47

Tetrachloroethene

Concen: 1.565 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026322.D

Acq: 14 Feb 2019 20:45

Instrument :

MSVOA_R

ClientSampleId :

ESXE8

Tot Ion:164 Resp: 64976

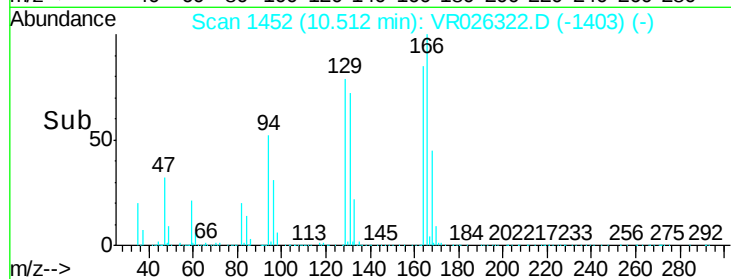
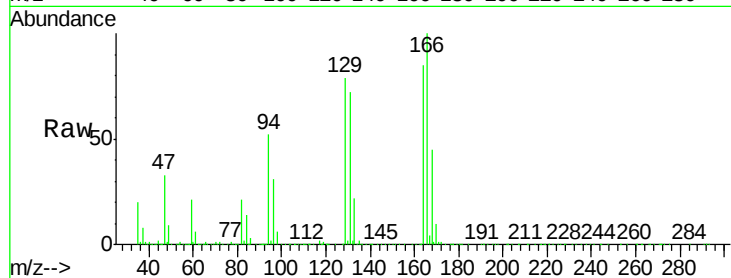
Ion Ratio Lower Upper

164 100

129 92.6 71.5 132.9

131 84.7 72.8 135.2

166 117.7 93.4 173.4



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

