

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092920\
 Data File : VX018670.D
 Acq On : 29 Sep 2020 21:06
 Operator : JC/SP
 Sample : L4143-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0F6

Quant Time: Oct 05 02:46:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	220797	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	208685	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.07	152	92077	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55574	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.70	69	48827	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.34	63	104565	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.56	46	166297	56.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.88%
24) Chloroform-d	5.14	84	140775	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	6.04	65	79056	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	6.05	84	257306	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	7.37	67	77573	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	8.70	98	222985	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
45) trans-1,3-Dichloropropene-	8.99	79	28968	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	9.43	63	126057	53.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.84%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	61575	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	79879	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

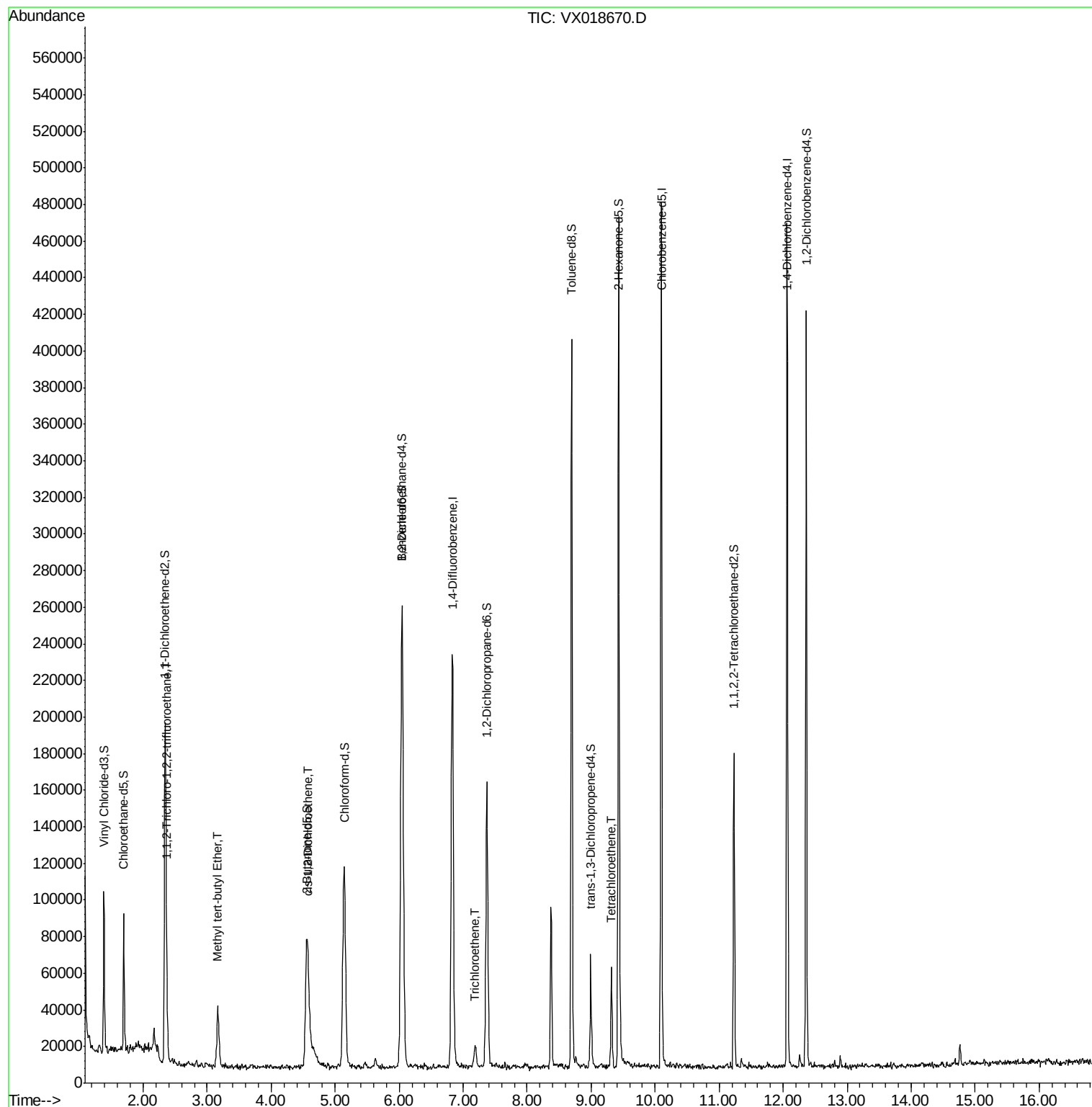
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	16989	1.495 ug/L	99
17) Methyl tert-butyl Ether	3.17	73	33894	1.413 ug/L	96
22) cis-1,2-Dichloroethene	4.57	96	6436	0.572 ug/L #	90
34) Trichloroethene	7.19	95	4168	0.358 ug/L	87
49) Tetrachloroethene	9.32	164	10122	1.104 ug/L	85

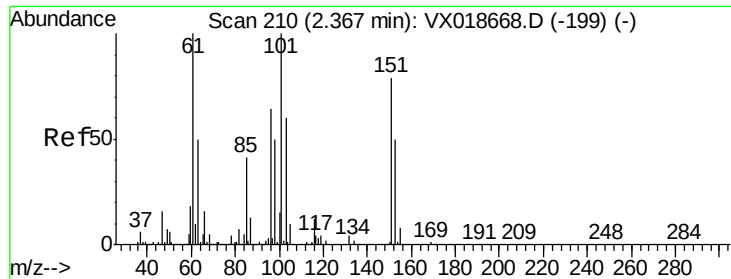
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 07:04:14 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.495 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018670.D

Acq: 29 Sep 2020 21:06

Instrument :

MSVOA_X

ClientSampleId :

BG0F6

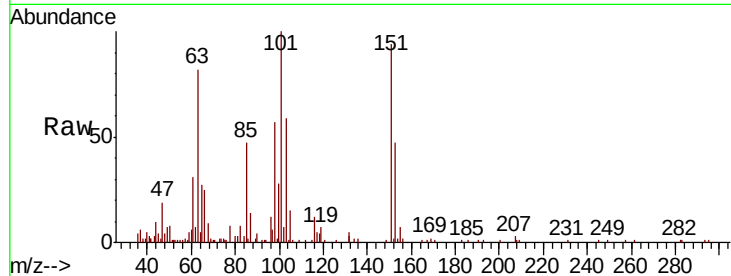
Tot Ion:101 Resp: 16989

Ion Ratio Lower Upper

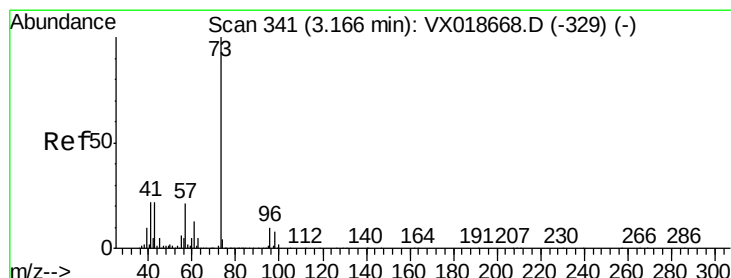
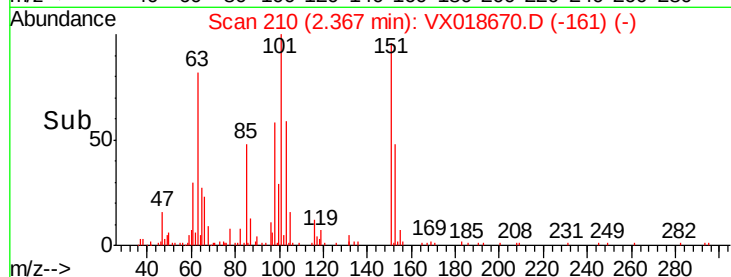
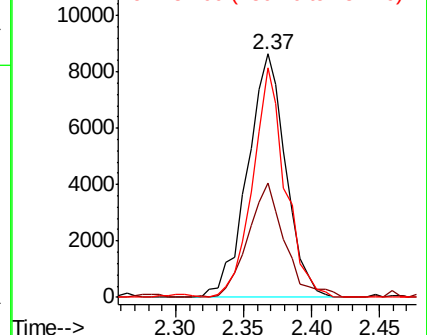
101 100

85 45.2 36.1 54.1

151 80.9 65.5 98.3



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VX0
Ion 151.00 (150.70 to 151.70): V



#17

Methyl tert-butyl Ether

Concen: 1.413 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018670.D

Acq: 29 Sep 2020 21:06

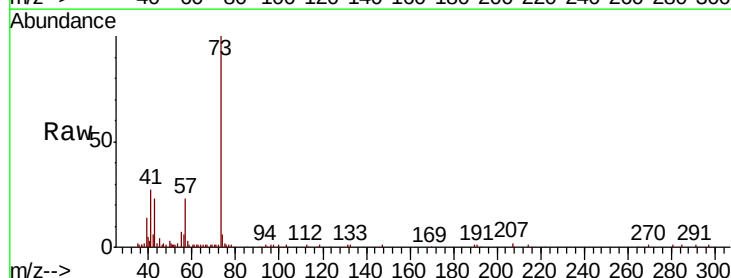
Tgt Ion: 73 Resp: 33894

Ion Ratio Lower Upper

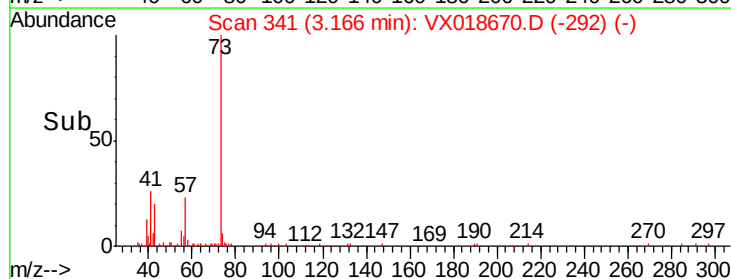
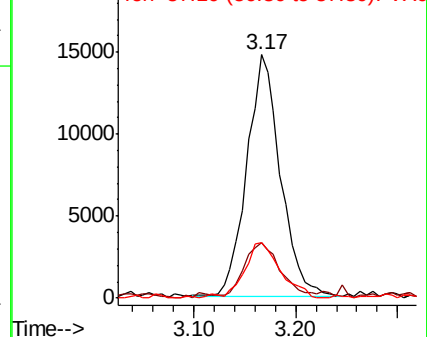
73 100

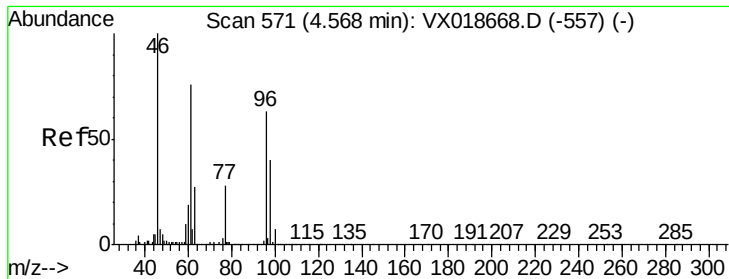
43 24.5 18.6 27.8

57 24.5 17.3 25.9



Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0



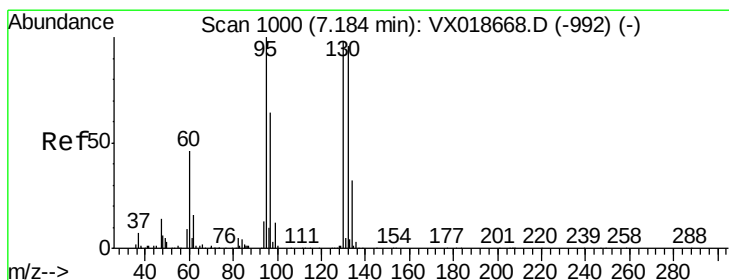
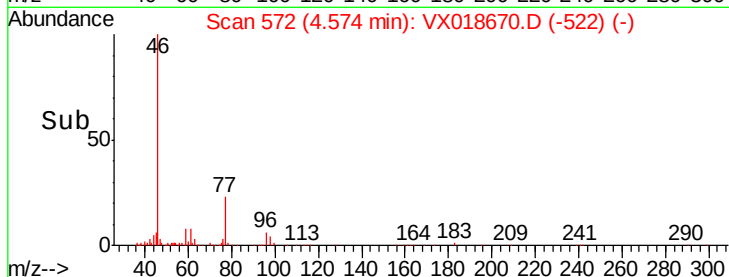
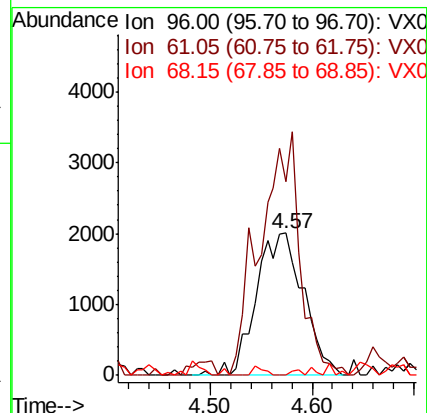
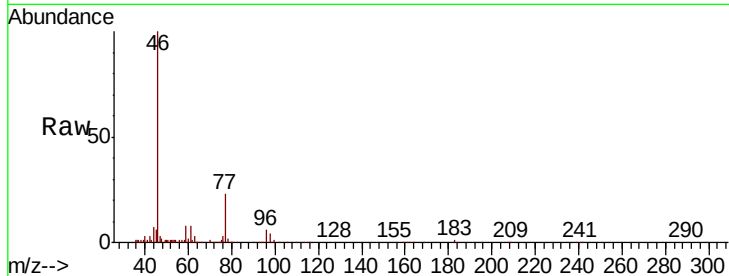


#22

cis-1,2-Dichloroethene
Concen: 0.572 ug/L
RT: 4.57 min Scan# 572
Delta R.T. 0.01 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Instrument :
MSVOA_X
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BG0F6

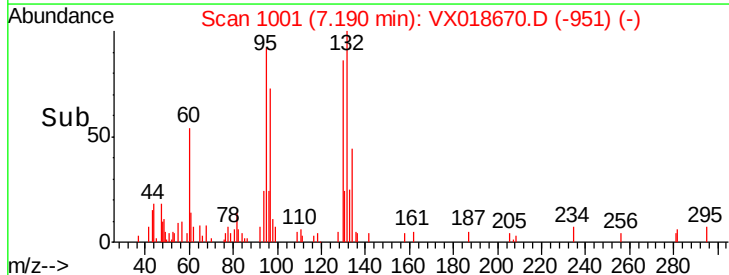
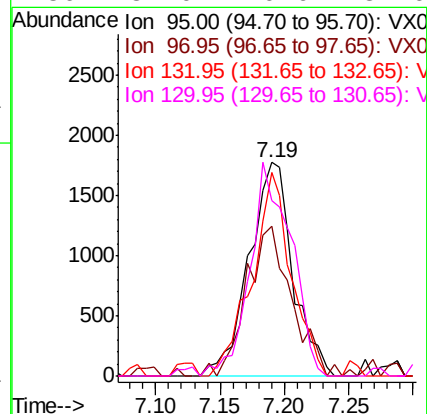
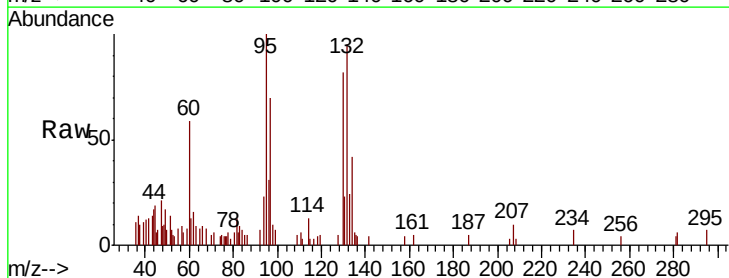
Tot Ion: 96 Resp: 6436
Ion Ratio Lower Upper
96 100
61 136.4 87.7 162.9
68 0.0 0.3 0.7#

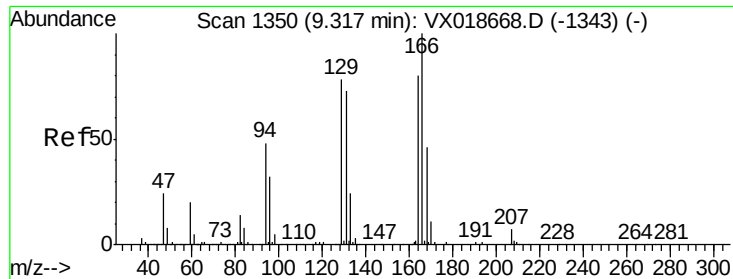


#34

Trichloroethene
Concen: 0.358 ug/L
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX018670.D
Acq: 29 Sep 2020 21:06

Tgt Ion: 95 Resp: 4168
Ion Ratio Lower Upper
95 100
97 70.0 40.6 75.4
132 95.5 64.3 119.5
130 82.0 70.6 131.0





#49

Tetrachloroethene

Concen: 1.104 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018670.D

Acq: 29 Sep 2020 21:06

Instrument :

MSVOA_X

ClientSampleId :

BG0F6

Tot Ion:164 Resp: 10122

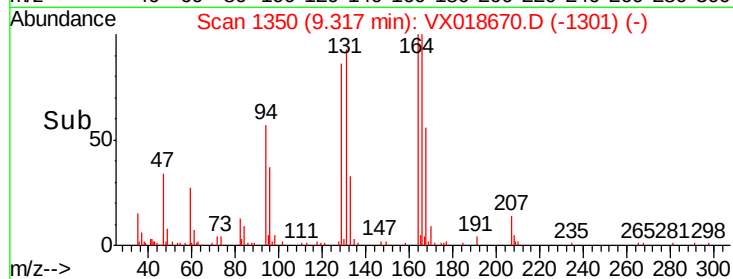
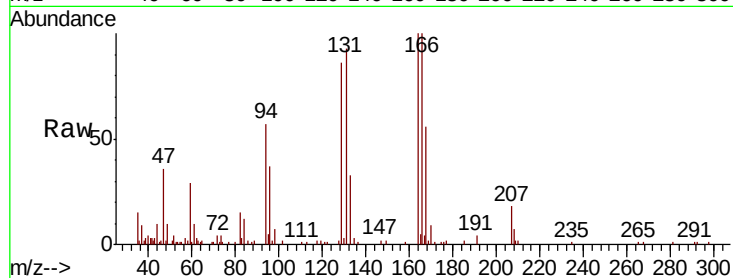
Ion Ratio Lower Upper

164 100

129 86.1 65.9 122.3

131 93.5 61.4 114.0

166 99.9 91.0 169.0



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

