

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019914.D
 Acq On : 07 Jan 2021 11:52
 Operator : SY/MD
 Sample : M1017-07 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W7

Quant Time: Jan 08 01:33:03 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	505791	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	483929	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	225398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	126908	32.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.84%
7) Chloroethane-d5	1.57	69	123100	39.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.14%
11) 1,1-Dichloroethene-d2	2.11	63	213920	28.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.84%#
21) 2-Butanone-d5	3.89	46	283005	97.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.55%
24) Chloroform-d	4.35	84	306271	41.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.84%
26) 1,2-Dichloroethane-d4	5.03	65	211915	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
32) Benzene-d6	5.05	84	552021	39.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.22%
36) 1,2-Dichloropropane-d6	6.07	67	194619	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.94%
41) Toluene-d8	7.32	98	471279	38.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.00%#
43) trans-1,3-Dichloropropene-	7.62	79	82242	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.22%
47) 2-Hexanone-d5	8.09	63	155796	82.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.27%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	256558	43.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.10%
64) 1,2-Dichlorobenzene-d4	11.63	152	198573	46.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.12%

Target Compounds

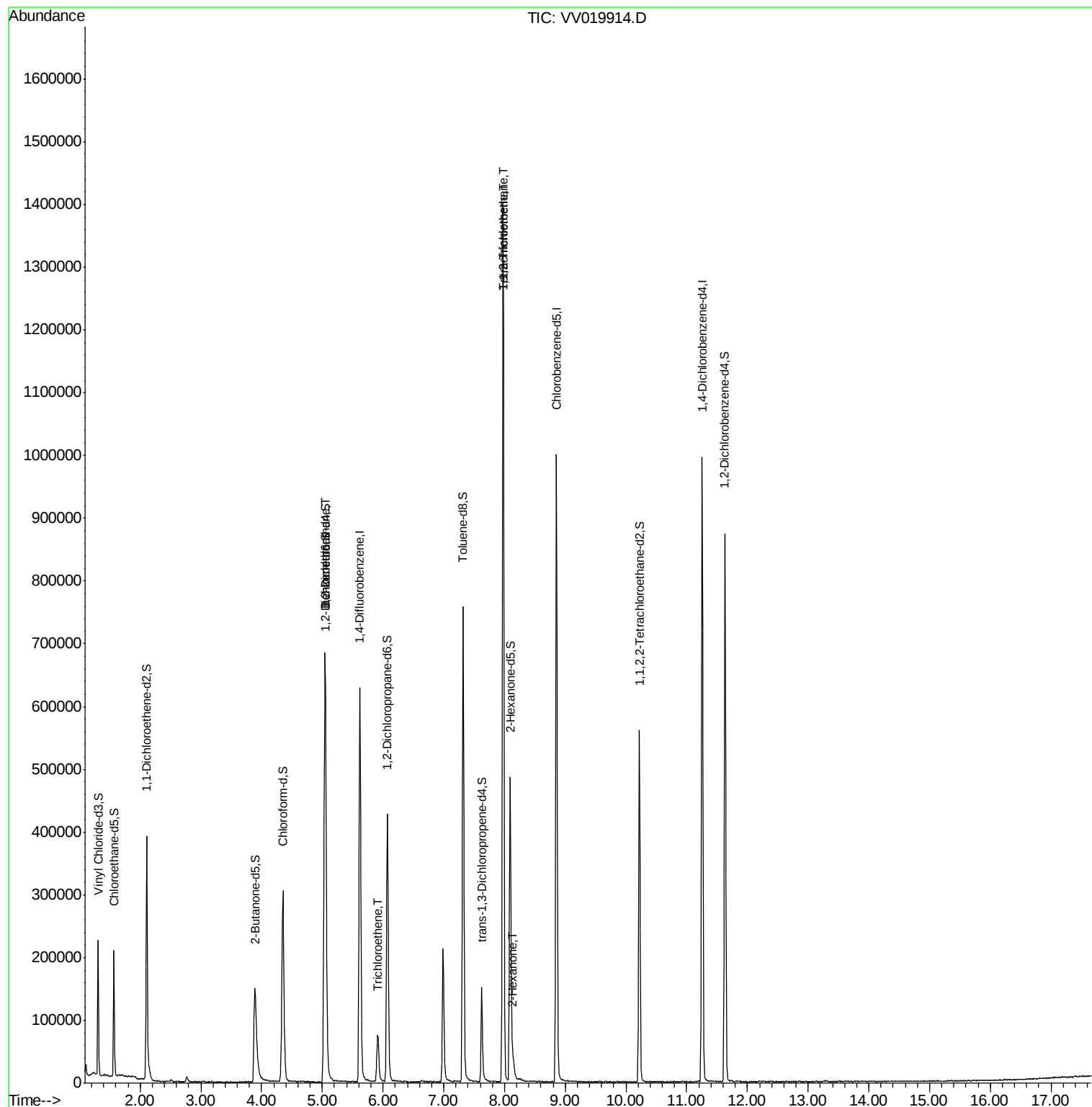
					Ovalue
27) 1,2-Dichloroethane	5.05	62	4318	0.731	ug/L 98
34) Trichloroethene	5.92	95	17711	4.386	ug/L 98
45) 1,1,2-Trichloroethane	7.97	97	2764	0.737	ug/L # 1
46) Tetrachloroethene	7.98	164	269834	100.063	ug/L 97
48) 2-Hexanone	8.14	43	13786	2.913	ug/L # 88

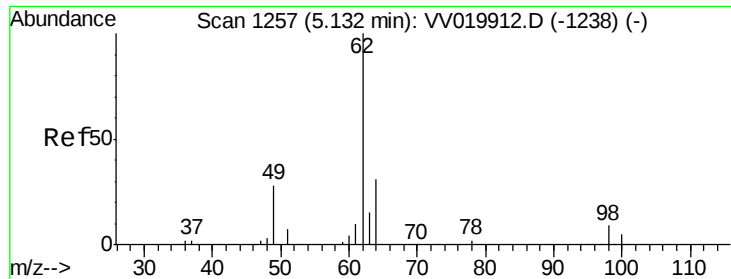
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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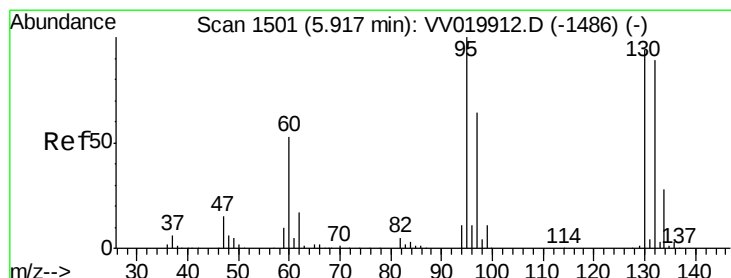
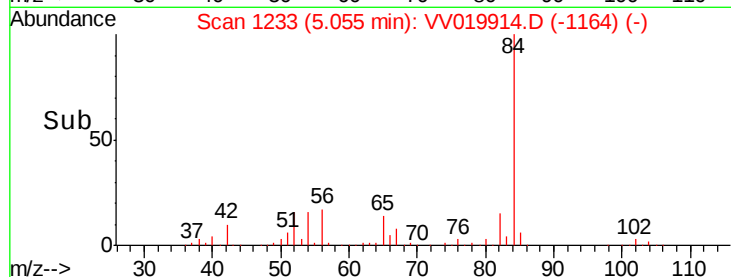
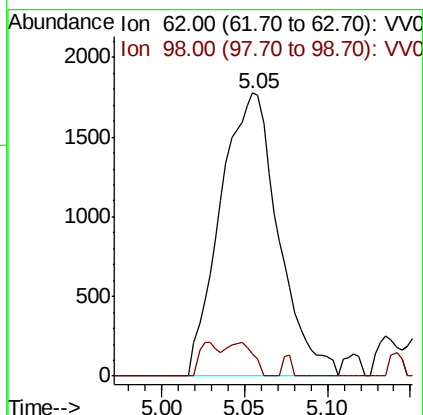
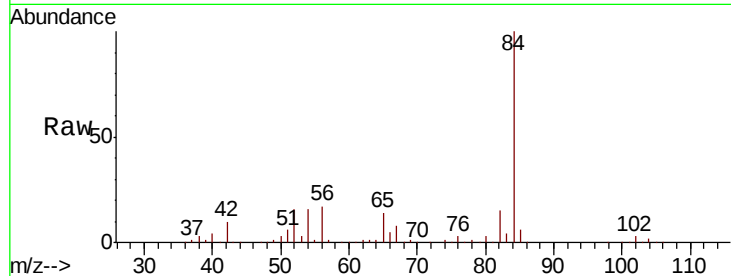




#27
 1,2-Dichloroethane
 Concen: 0.731 ug/L
 RT: 5.05 min Scan# 1233
 Delta R.T. -0.08 min
 Lab File: VV019914.D
 Acq: 07 Jan 2021 11:52

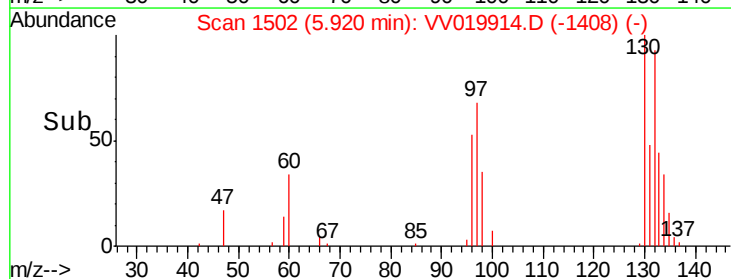
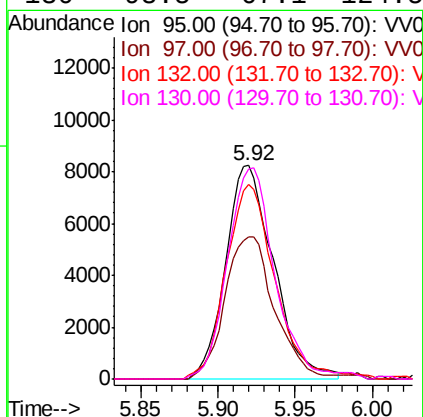
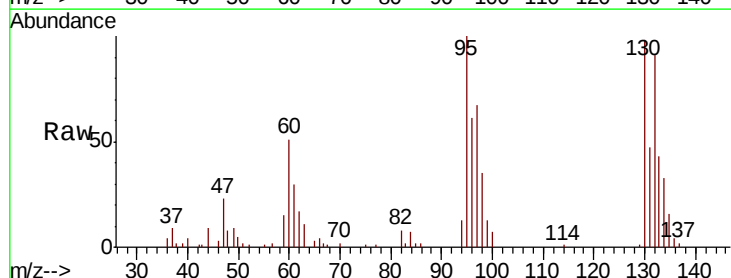
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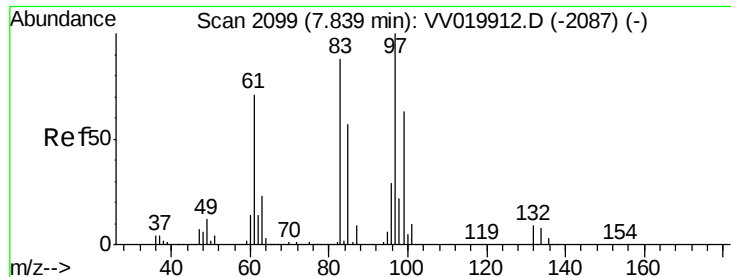
Tot Ion: 62 Resp: 4318
 Ion Ratio Lower Upper
 62 100
 98 7.7 6.9 10.3



#34
 Trichloroethene
 Concen: 4.386 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: VV019914.D
 Acq: 07 Jan 2021 11:52

Tgt Ion: 95 Resp: 17711
 Ion Ratio Lower Upper
 95 100
 97 66.7 44.5 82.7
 132 91.3 63.4 117.8
 130 98.5 67.1 124.5

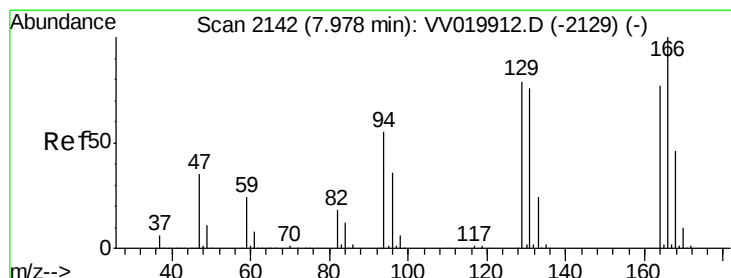
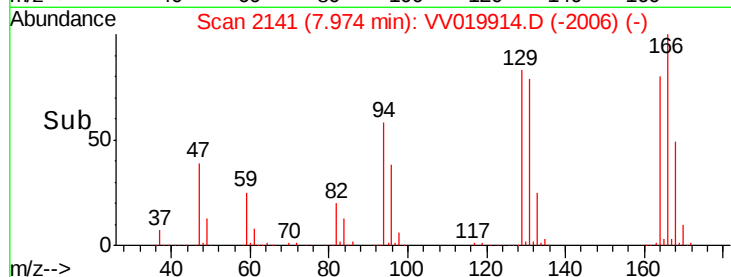
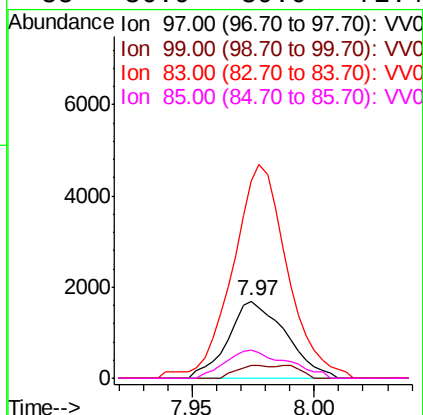
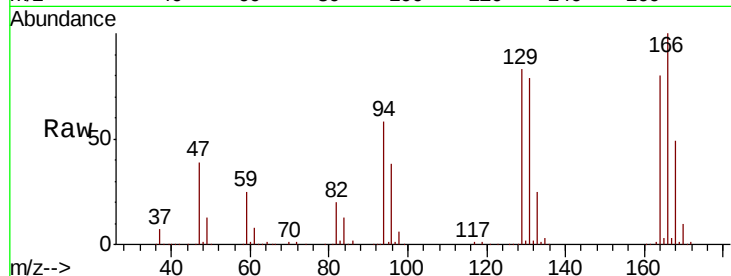




#45
 1,1,2-Trichloroethane
 Concen: 0.737 ug/L
 RT: 7.97 min Scan# 2141
 Delta R.T. 0.14 min
 Lab File: VV019914.D
 Acq: 07 Jan 2021 11:52

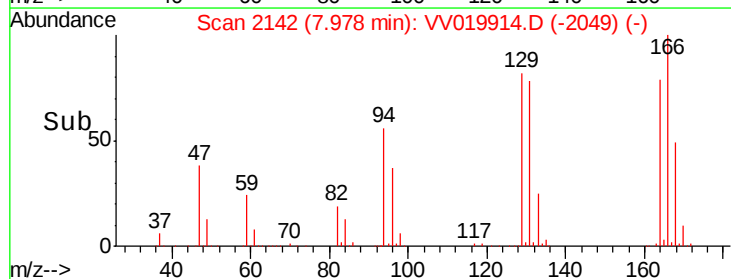
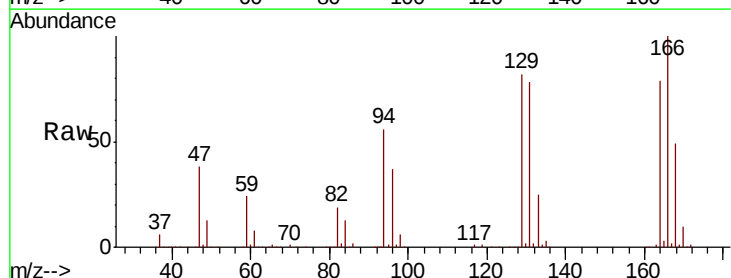
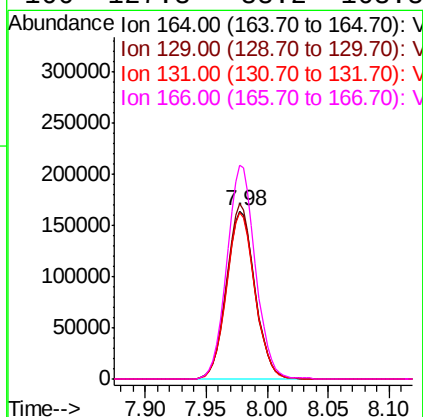
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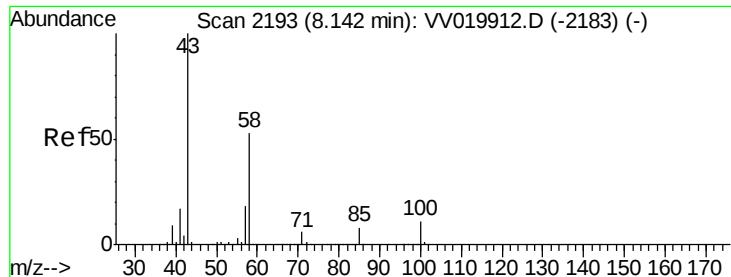
Tot Ion: 97 Resp: 2764
 Ion Ratio Lower Upper
 97 100
 99 16.1 43.8 81.3#
 83 255.5 62.2 115.4#
 85 36.9 39.0 72.4#



#46
 Tetrachloroethene
 Concen: 100.063 ug/L
 RT: 7.98 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VV019914.D
 Acq: 07 Jan 2021 11:52

Tgt Ion: 164 Resp: 269834
 Ion Ratio Lower Upper
 164 100
 129 104.3 70.6 131.0
 131 99.1 66.8 124.0
 166 127.3 88.2 163.8





#48

2-Hexanone

Concen: 2.913 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VV019914.D

Acq: 07 Jan 2021 11:52

Instrument :

MSVOA_V

ClientSampleId :

BG4W7

Tot Ion: 43 Resp: 13786

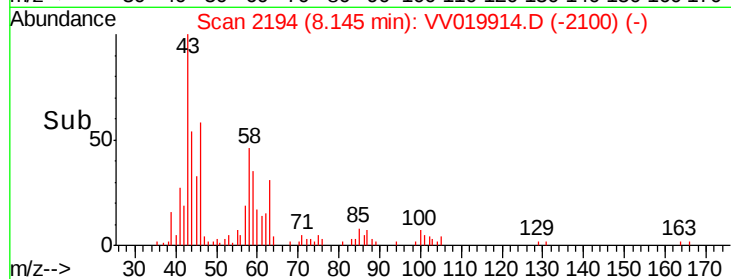
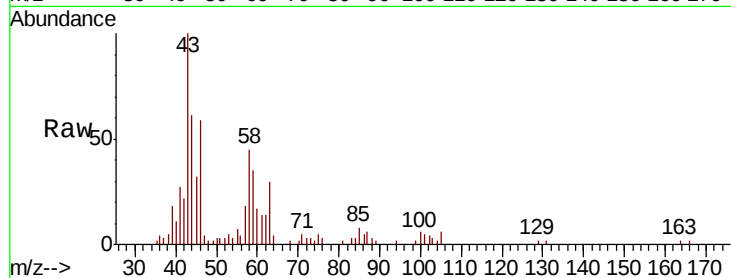
Ion Ratio Lower Upper

43 100

58 49.0 41.8 62.6

57 2.1 15.0 22.4#

100 8.3 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

