

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080219\
 Data File : VU033565.D
 Acq On : 02 Aug 2019 13:23
 Operator : JC/SP
 Sample : K4103-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB9G2

Quant Time: Aug 03 01:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:39:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	298273	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	297722	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	130451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	135223	62.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.70%
7) Chloroethane-d5	1.67	69	113372	60.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.86%
11) 1,1-Dichloroethene-d2	2.26	63	182736	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.86%
21) 2-Butanone-d5	4.15	46	191574	133.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.38%#
24) Chloroform-d	4.62	84	206830	56.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.29	65	135601	58.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.80%
32) Benzene-d6	5.32	84	435890	59.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.12%
36) 1,2-Dichloropropane-d6	6.31	67	136775	59.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.24%
41) Toluene-d8	7.55	98	392851	56.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.60%
43) trans-1,3-Dichloropropene-	7.83	79	62868	54.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.56%
47) 2-Hexanone-d5	8.29	63	130967	119.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.23%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	203651	57.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	148572	62.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.38%#

Target Compounds

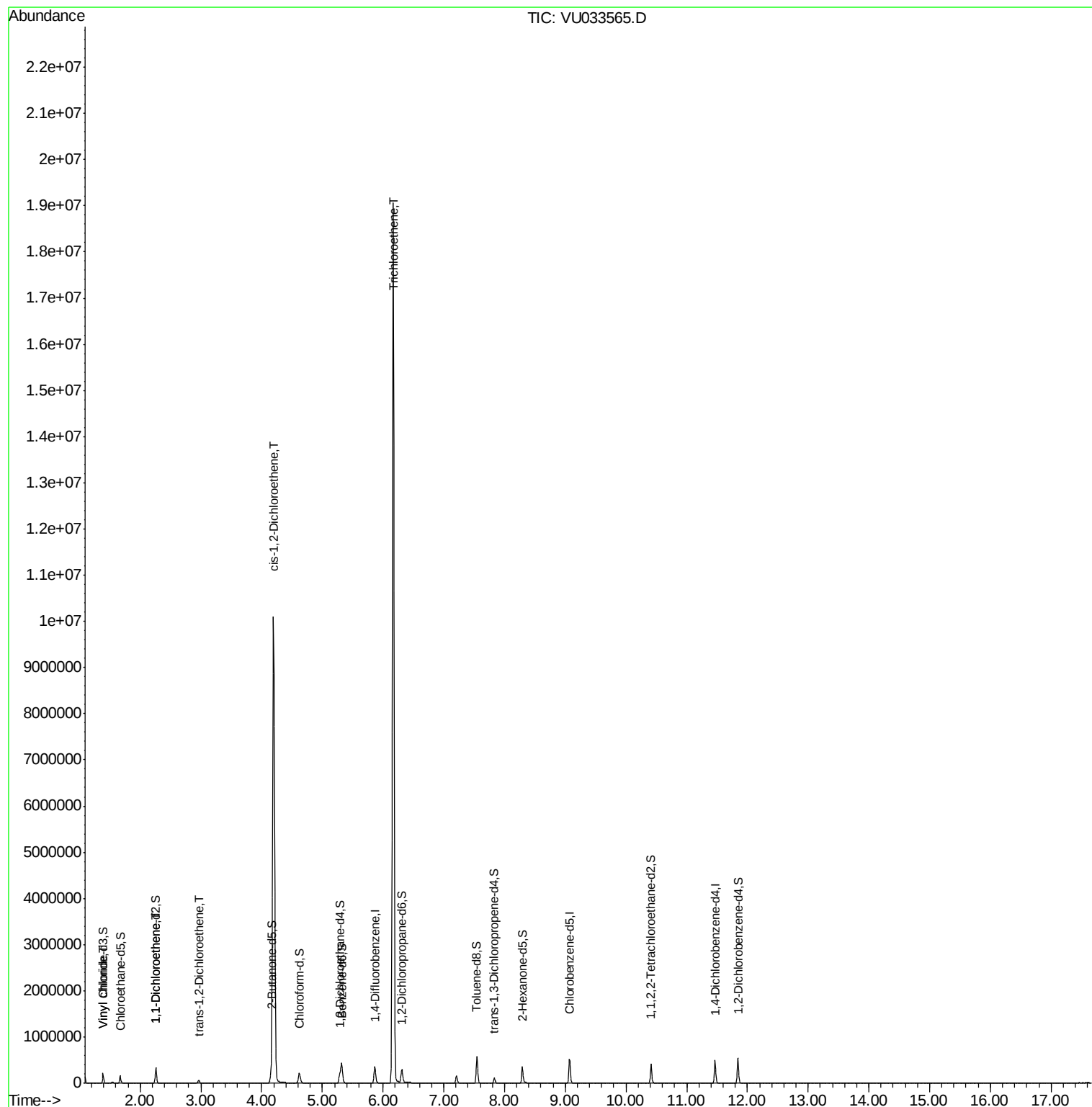
					Ovalue
5) Vinyl chloride	1.40	62	11937	3.930 ug/L #	72
12) 1,1-Dichloroethene	2.27	96	12308	6.372 ug/L #	1
17) trans-1,2-Dichloroethene	2.96	96	25497	12.599 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	5513363	2427.242 ug/L	99
34) Trichloroethene	6.17	95	6348827	2802.273 ug/L	97

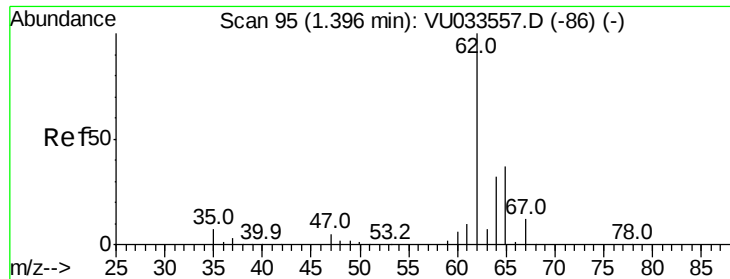
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 03 00:39:04 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.930 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033565.D

Acq: 02 Aug 2019 13:23

Instrument :

MSVOA_U

ClientSampled :

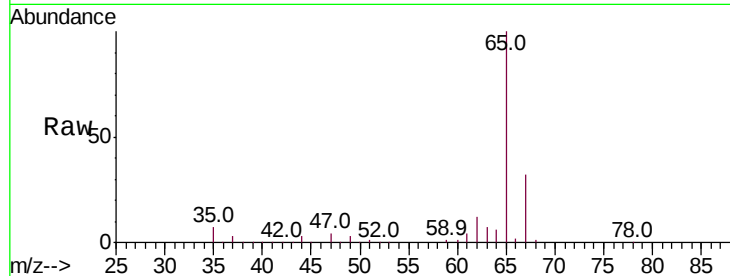
DB9G2

Tot Ion: 62 Resp: 11937

Ion Ratio Lower Upper

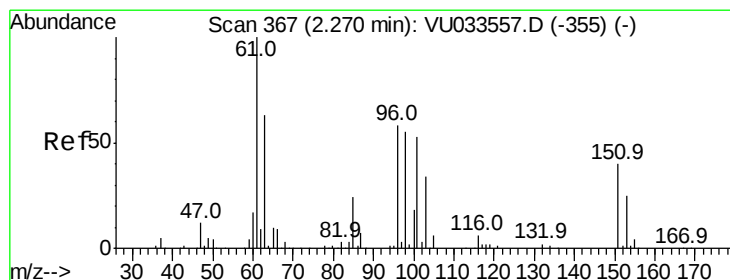
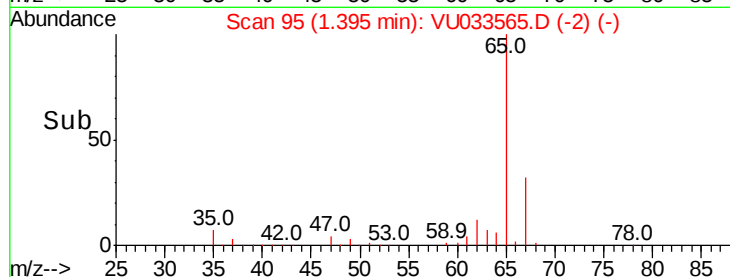
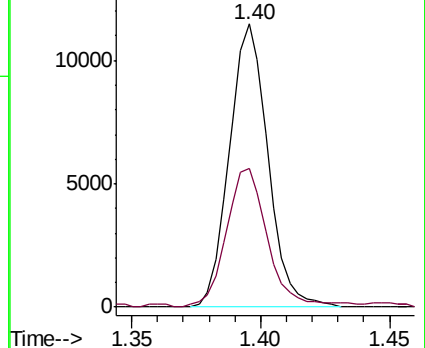
62 100

64 49.0 23.4 43.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#12

1,1-Dichloroethene

Concen: 6.372 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033565.D

Acq: 02 Aug 2019 13:23

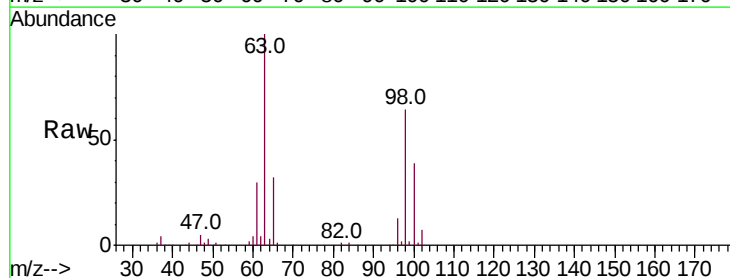
Tgt Ion: 96 Resp: 12308

Ion Ratio Lower Upper

96 100

61 239.4 119.3 221.5#

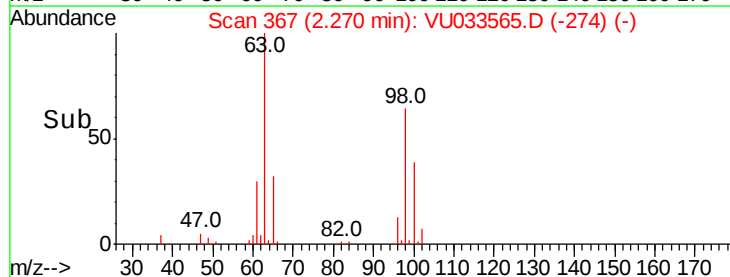
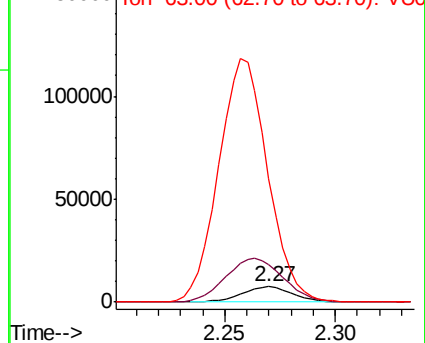
63 791.5 86.6 160.8#

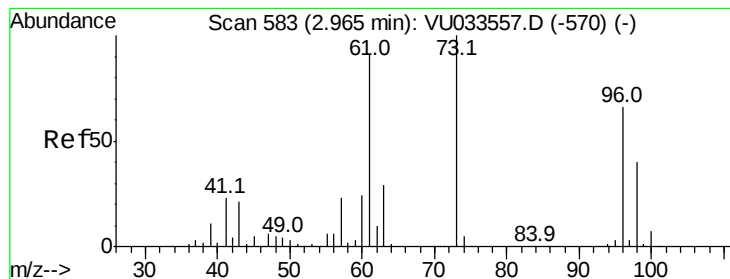


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 12.599 ug/L

RT: 2.96 min Scan# 583

Delta R.T. -0.00 min

Lab File: VU033565.D

Acq: 02 Aug 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

DB9G2

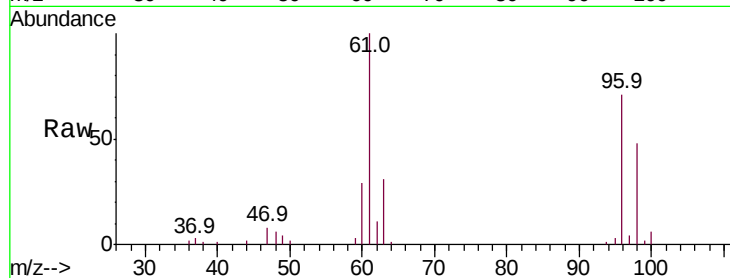
Tot Ion: 96 Resp: 25497

Ion	Ratio	Lower	Upper
96	100		
61	141.6	98.3	182.5
98	68.2	44.3	82.3

96 100

61 141.6 98.3 182.5

98 68.2 44.3 82.3

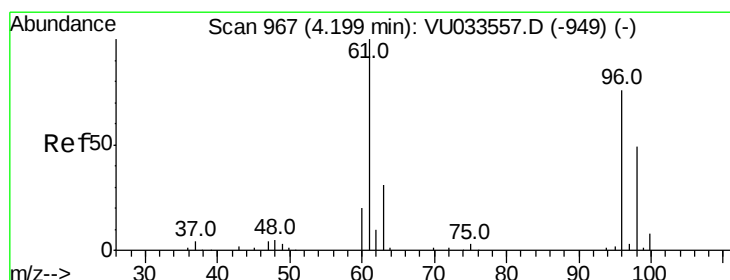
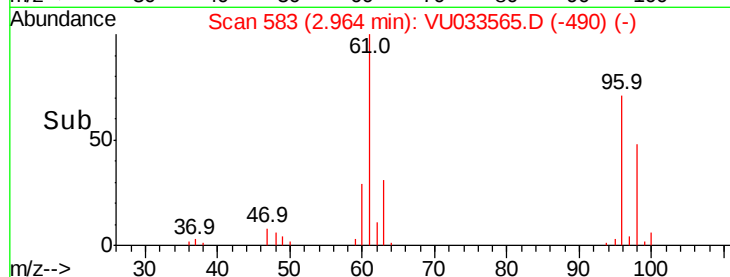
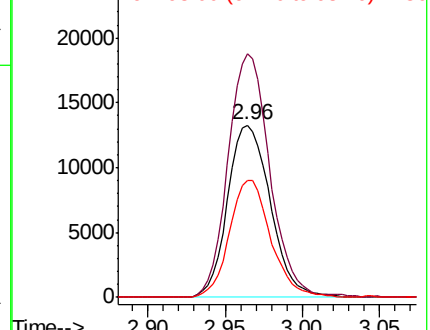


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 2427.242 ug/L

RT: 4.20 min Scan# 967

Delta R.T. -0.00 min

Lab File: VU033565.D

Acq: 02 Aug 2019 13:23

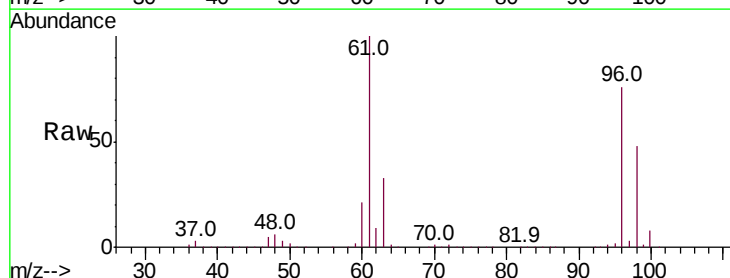
Tgt Ion: 96 Resp: 5513363

Ion	Ratio	Lower	Upper
96	100		
61	131.8	91.3	169.6
68	0.0	0.0	0.0

96 100

61 131.8 91.3 169.6

68 0.0 0.0 0.0

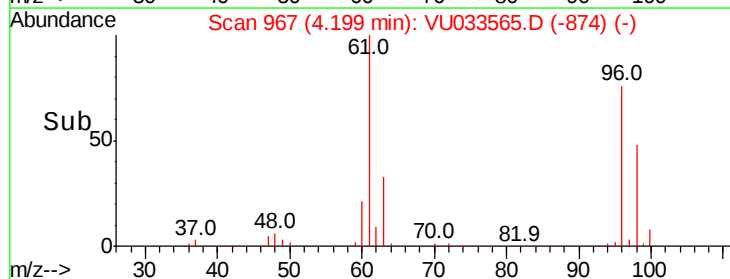
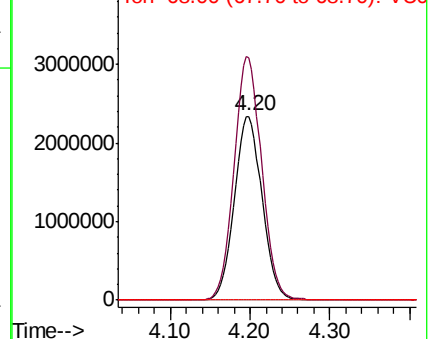


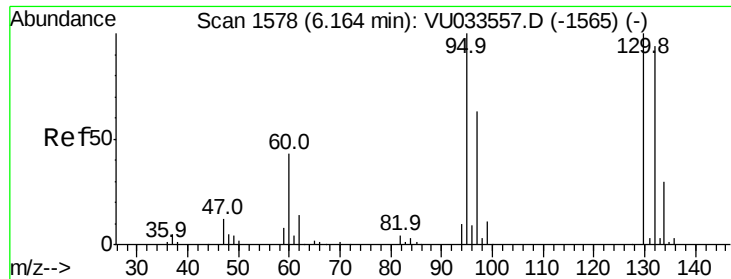
Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 2802.273 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033565.D

Acq: 02 Aug 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

DB9G2

Tot Ion: 95 Resp: 6348827

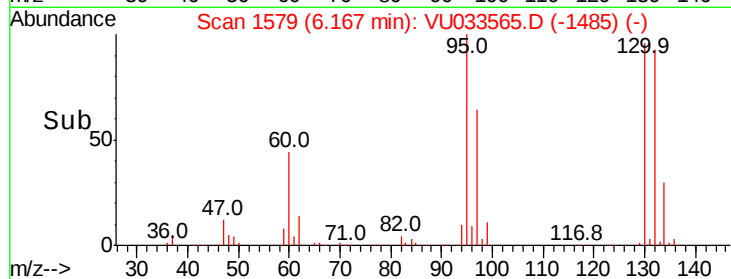
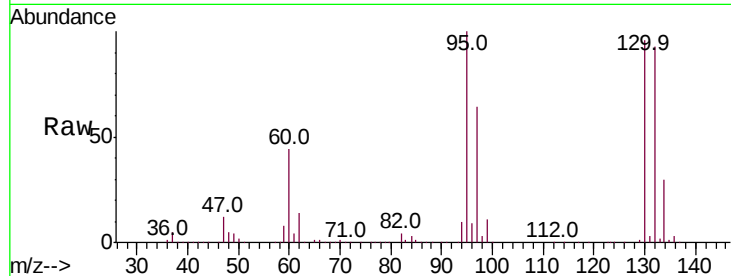
Ion Ratio Lower Upper

95 100

97 64.2 44.7 83.1

132 92.6 66.8 124.0

130 96.2 71.6 133.0



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

