

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015733.D
 Acq On : 27 Apr 2020 16:46
 Operator : SY/MD
 Sample : L2370-21DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKP2DL

Quant Time: Apr 28 06:11:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131144	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60445	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26722	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.58	69	28776	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.12	63	45107	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.92	46	113896	51.76	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.38	84	76662	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	45107	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.07	84	141436	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.09	67	48057	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.34	98	127568	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.64	79	14207	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.11	63	83248	44.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35017	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	51238	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

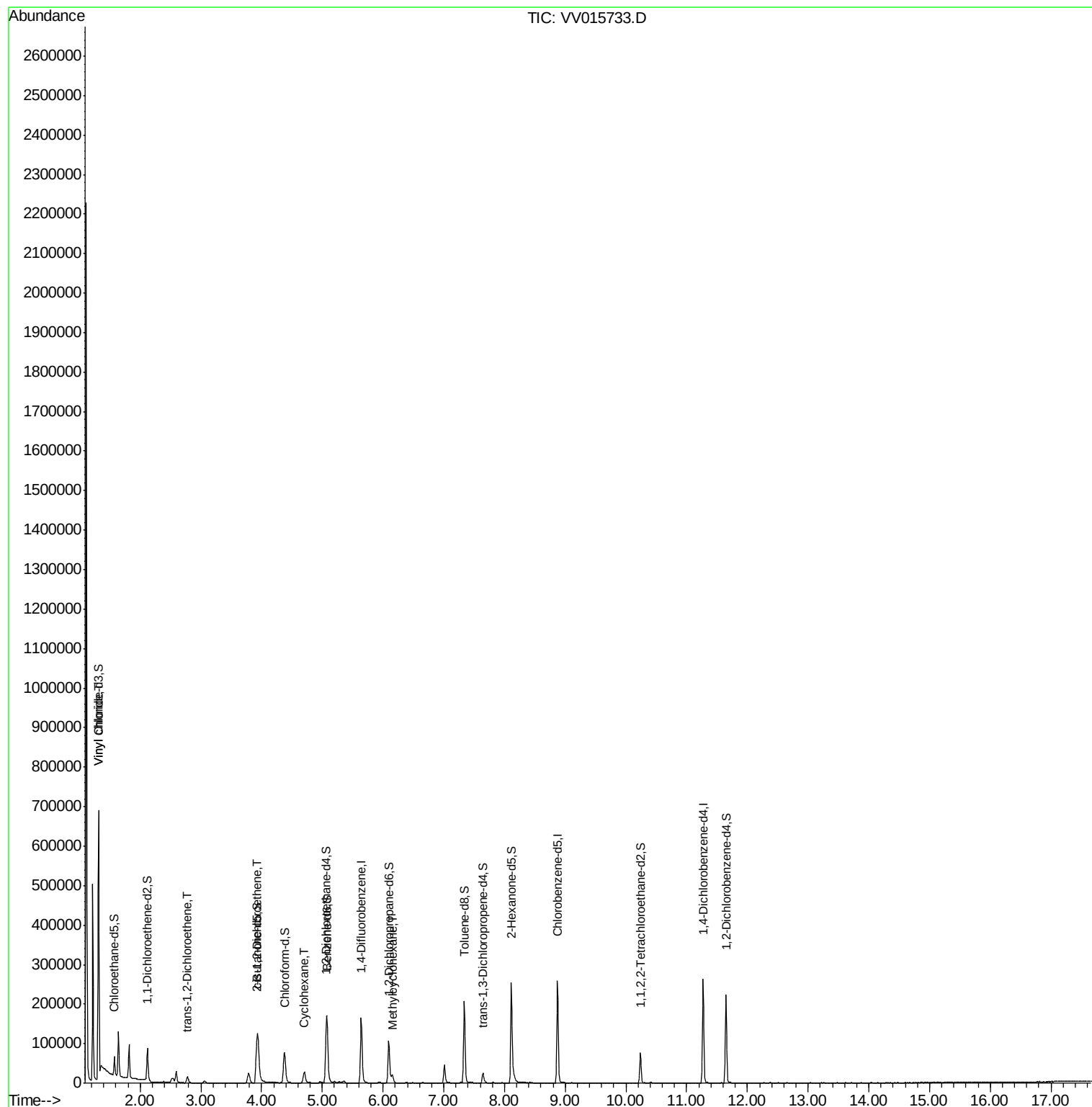
					Ovalue
5) Vinyl chloride	1.32	62	65182	6.280	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	2931	0.343	ug/L 92
22) cis-1,2-Dichloroethene	3.94	96	42143	4.460	ug/L 98
30) Cyclohexane	4.71	56	14141	0.905	ug/L 99
35) Methylcyclohexane	6.16	83	7681	0.492	ug/L 90

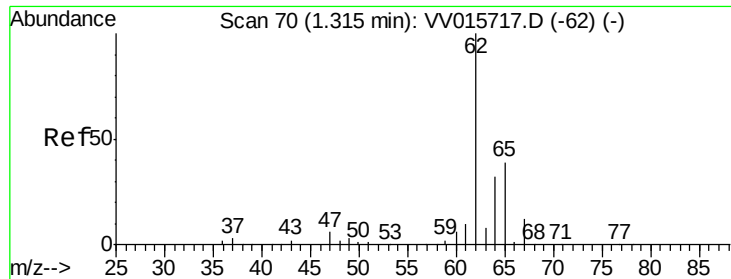
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.280 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015733.D

Acq: 27 Apr 2020 16:46

Instrument :

MSVOA_V

ClientSampleId :

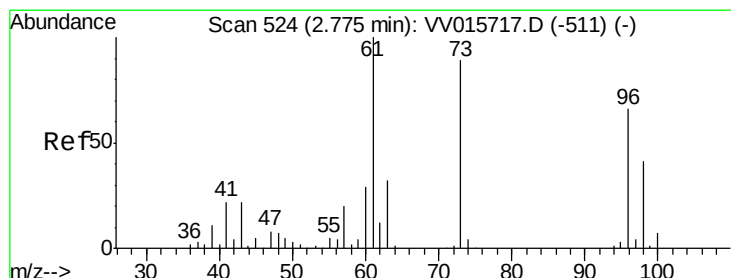
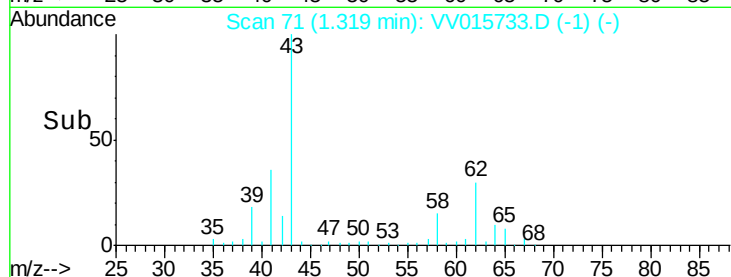
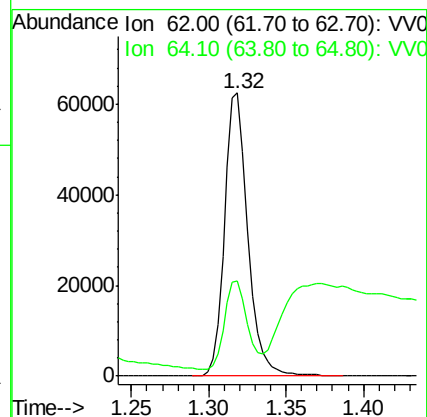
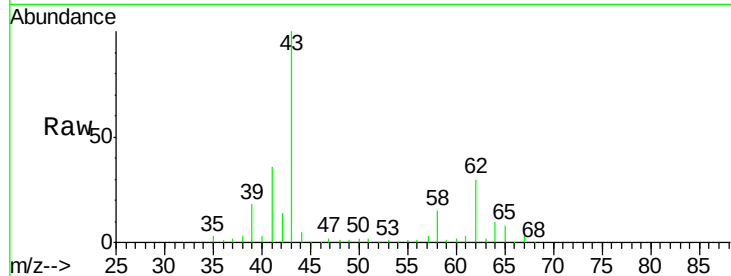
ETKP2DL

Tot Ion: 62 Resp: 65182

Ion Ratio Lower Upper

62 100

64 33.6 22.7 42.1



#18

trans-1,2-Dichloroethene

Concen: 0.343 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV015733.D

Acq: 27 Apr 2020 16:46

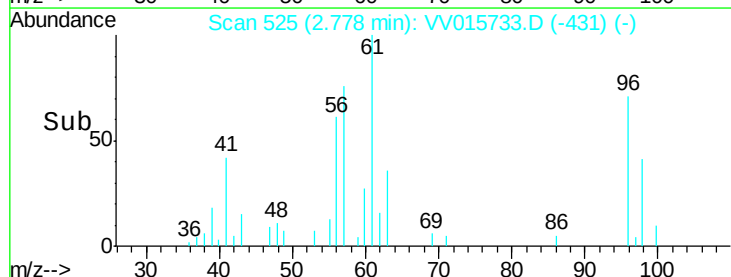
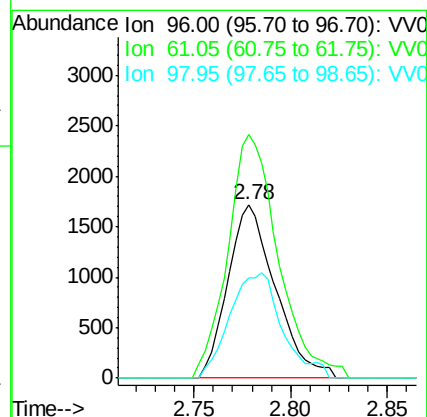
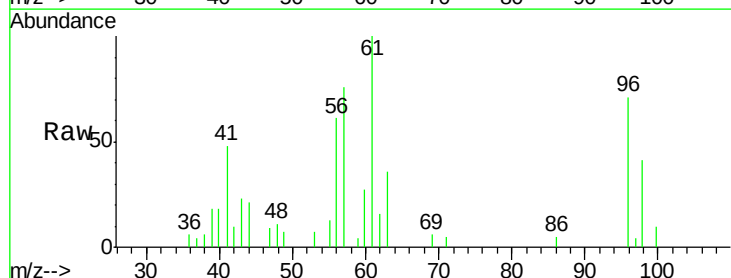
Tgt Ion: 96 Resp: 2931

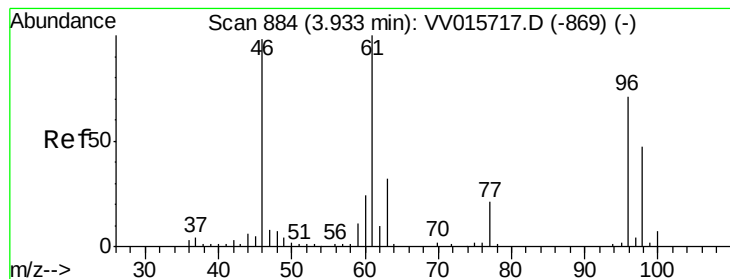
Ion Ratio Lower Upper

96 100

61 140.4 105.5 195.9

98 57.8 44.2 82.0



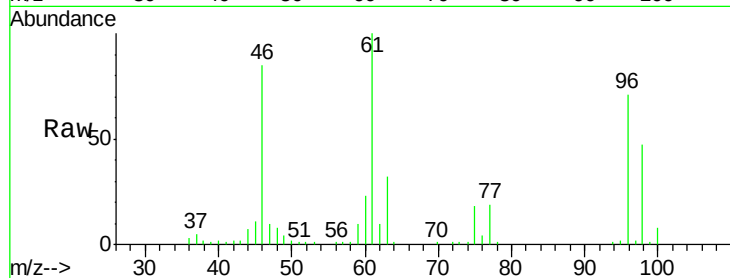


#22

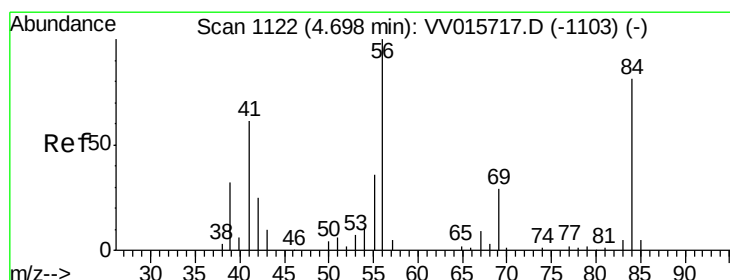
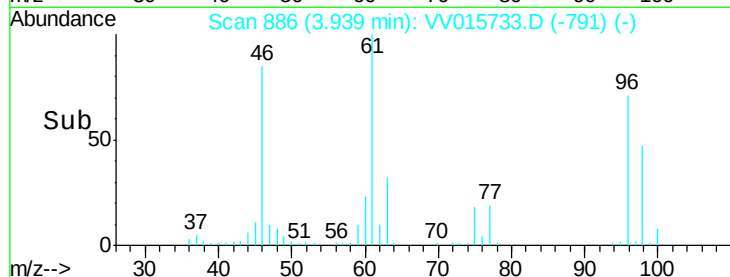
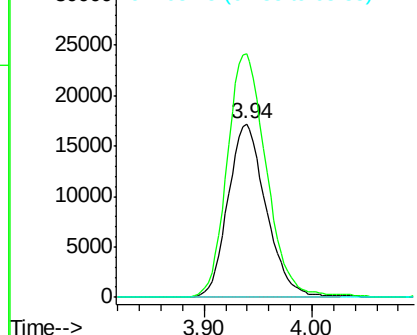
cis-1,2-Dichloroethene
Concen: 4.460 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015733.D
Acq: 27 Apr 2020 16:46

Instrument :
MSVOA_V
ClientSampleId :
ETKP2DL

Tot Ion: 96 Resp: 42143
Ion Ratio Lower Upper
96 100
61 140.3 96.4 179.0
68 0.0 0.0 0.0



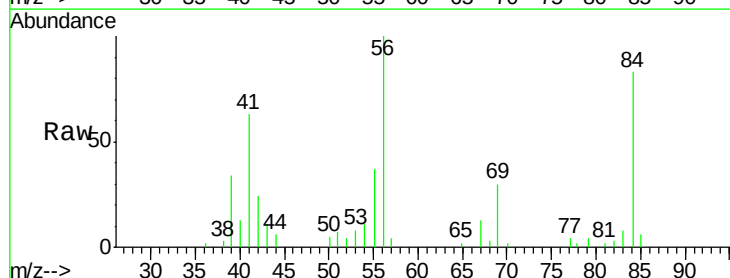
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



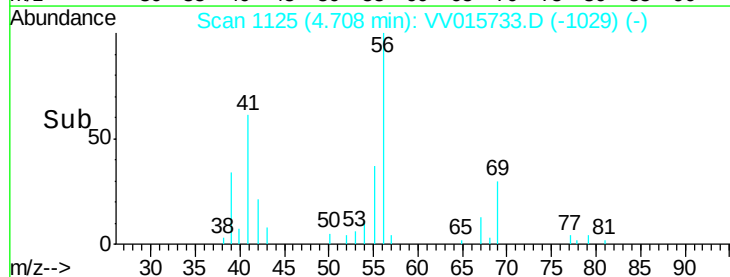
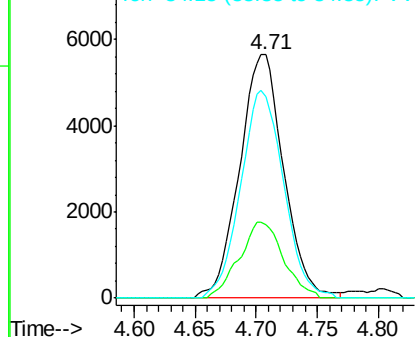
#30

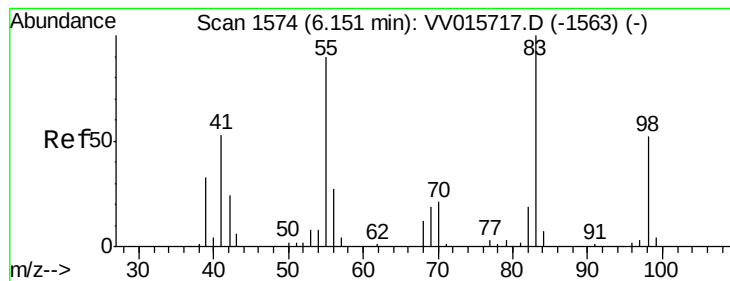
Cyclohexane
Concen: 0.905 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV015733.D
Acq: 27 Apr 2020 16:46

Tgt Ion: 56 Resp: 14141
Ion Ratio Lower Upper
56 100
69 31.1 23.9 35.9
84 83.2 66.9 100.3



Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0





#35

Methylcyclohexane

Concen: 0.492 ug/L

RT: 6.16 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VV015733.D

Acq: 27 Apr 2020 16:46

Instrument :

MSVOA_V

ClientSampleId :

ETKP2DL

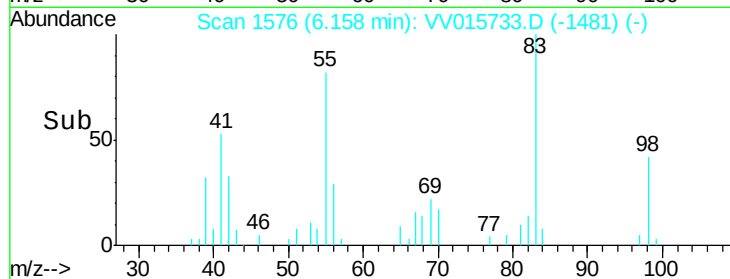
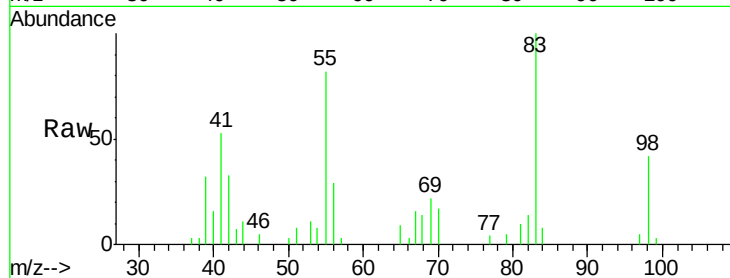
Tot Ion: 83 Resp: 7681

Ion Ratio Lower Upper

83 100

55 96.1 66.6 99.8

98 48.3 39.5 59.3



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

