

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017776.D
 Acq On : 31 Jul 2020 15:34
 Operator : SY/MD
 Sample : L3486-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y27

Quant Time: Aug 01 04:47:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 01 04:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	148396	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145668	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72783	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30424	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	26482	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	49755	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.93	46	67862	40.03	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.06%
24) Chloroform-d	4.38	84	76230	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	43174	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.07	84	126860	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.09	67	34442	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.20%
41) Toluene-d8	7.34	98	114159	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
45) trans-1,3-Dichloropropene-	7.65	79	15140	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
48) 2-Hexanone-d5	8.11	63	42322	33.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23270	3.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	51000	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

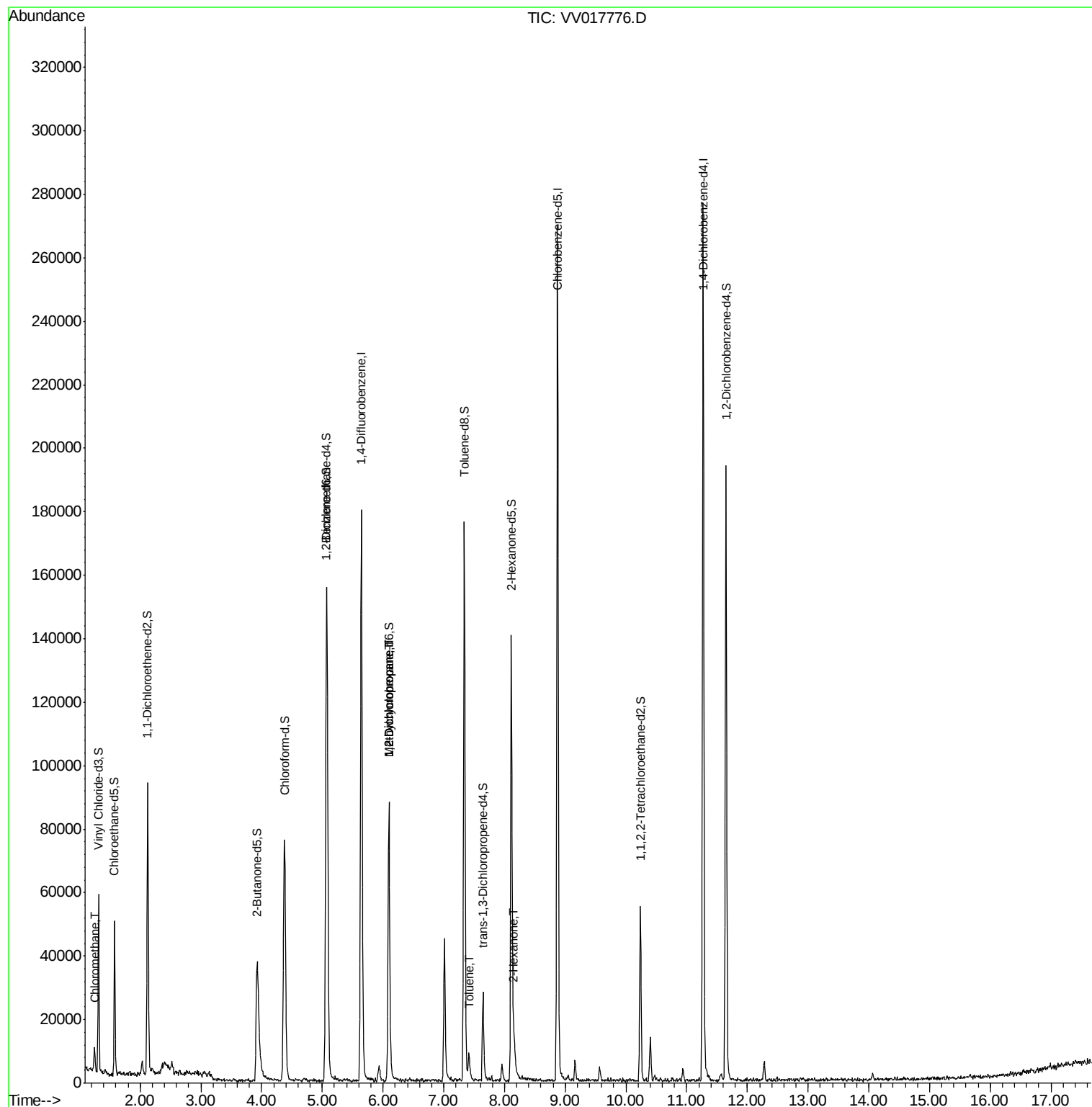
					Ovalue
3) Chloromethane	1.25	50	4179	0.395 ug/L	94
35) Methylcyclohexane	6.09	83	10878	0.624 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5607	0.579 ug/L #	85
42) Toluene	7.41	91	5604	0.125 ug/L	98
50) 2-Hexanone	8.16	43	6304	1.677 ug/L #	92

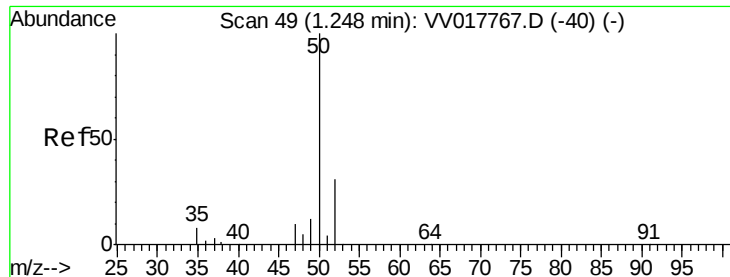
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.395 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Acq: 31 Jul 2020 15:34

Instrument :

MSVOA_V

ClientSampleId :

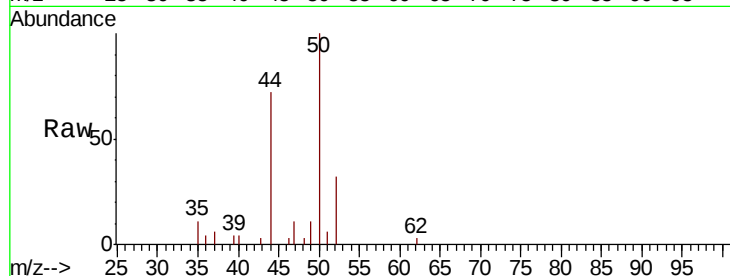
C0Y27

Tot Ion: 50 Resp: 4179

Ion Ratio Lower Upper

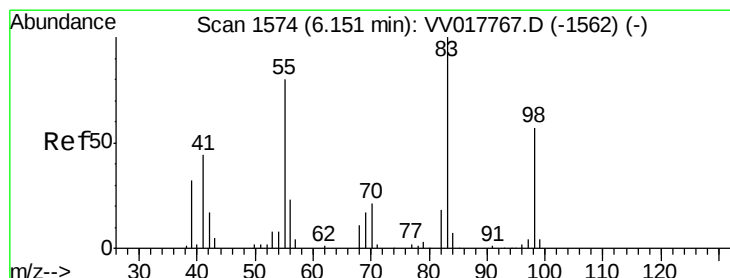
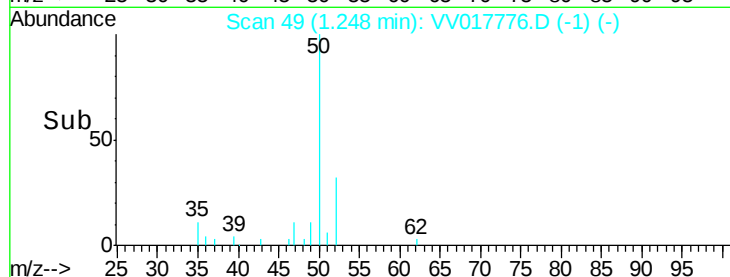
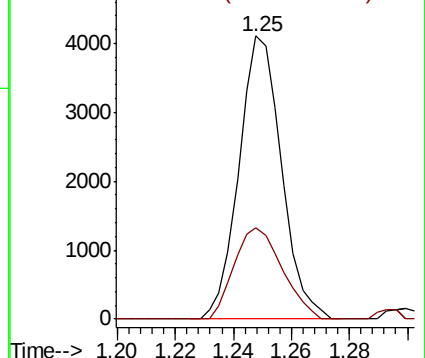
50 100

52 32.2 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#35

Methylcyclohexane

Concen: 0.624 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017776.D

Acq: 31 Jul 2020 15:34

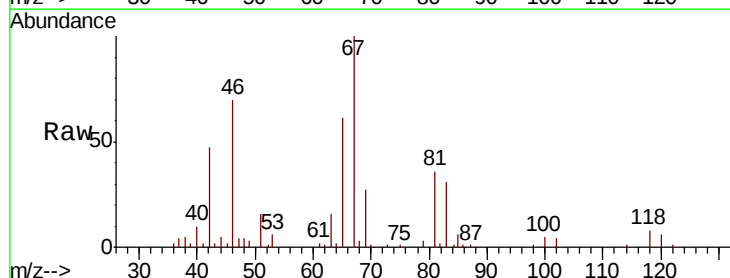
Tgt Ion: 83 Resp: 10878

Ion Ratio Lower Upper

83 100

55 0.4 61.8 92.8#

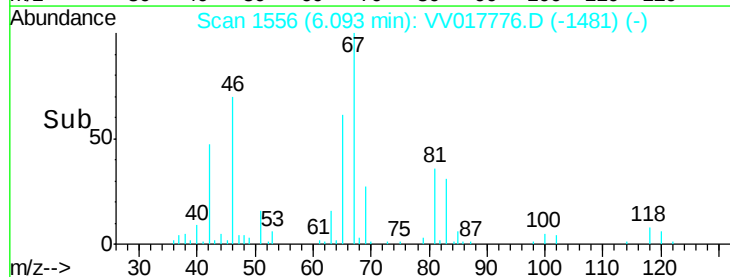
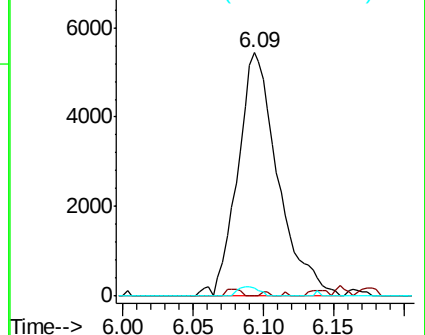
98 2.0 39.0 58.6#

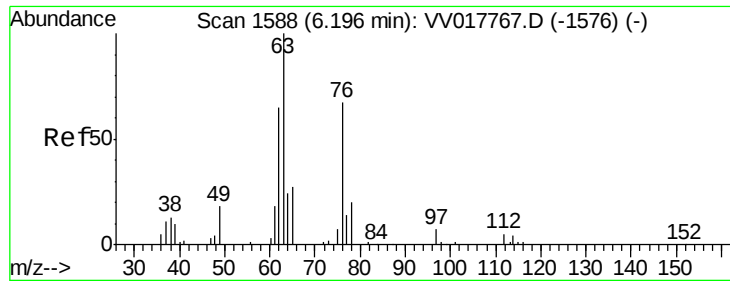


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.579 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017776.D

Acq: 31 Jul 2020 15:34

Instrument :

MSVOA_V

ClientSampleId :

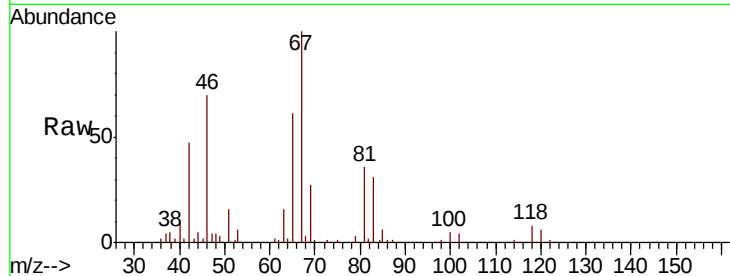
C0Y27

Tot Ion: 63 Resp: 5607

Ion Ratio Lower Upper

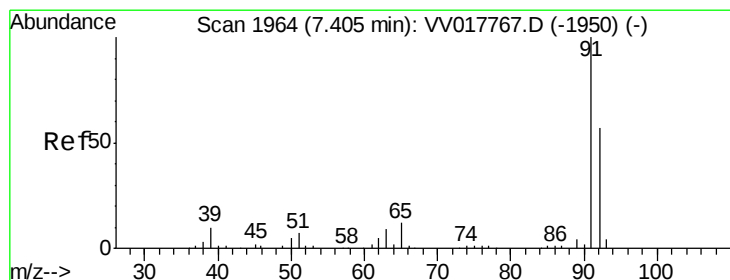
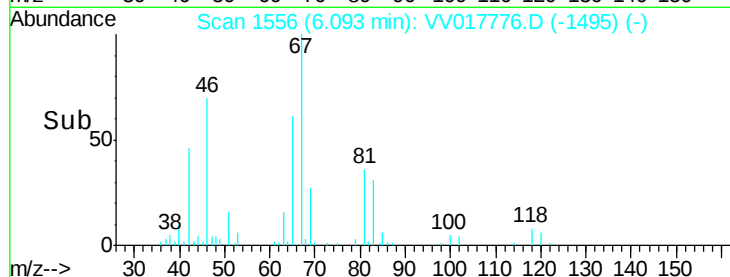
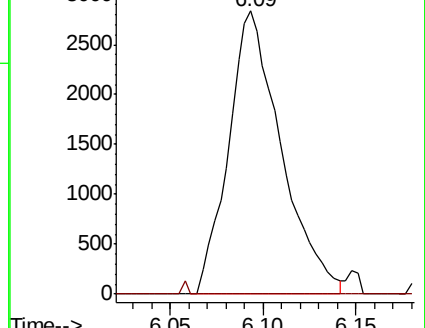
63 100

112 0.4 4.5 6.7#



Abundance Ion 63.10 (62.80 to 63.80): VV017776.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV017776.D (-1576) (-)



#42

Toluene

Concen: 0.125 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017776.D

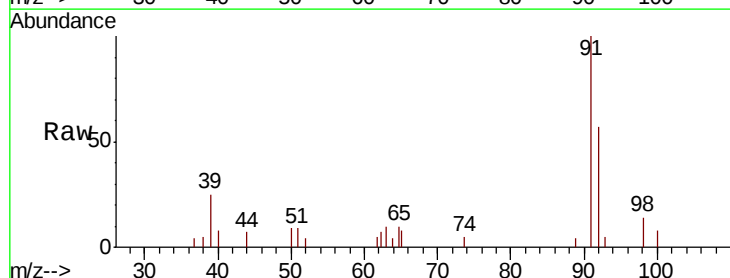
Acq: 31 Jul 2020 15:34

Tgt Ion: 91 Resp: 5604

Ion Ratio Lower Upper

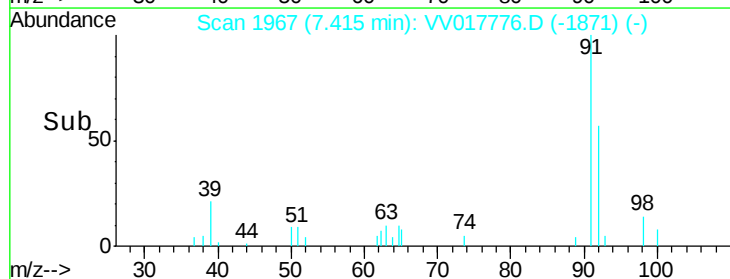
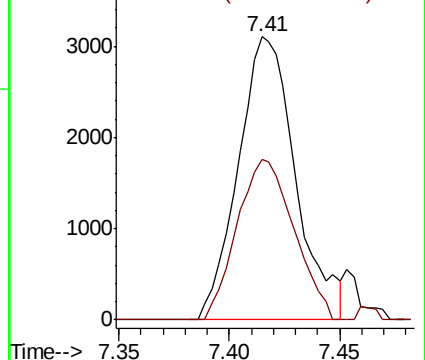
91 100

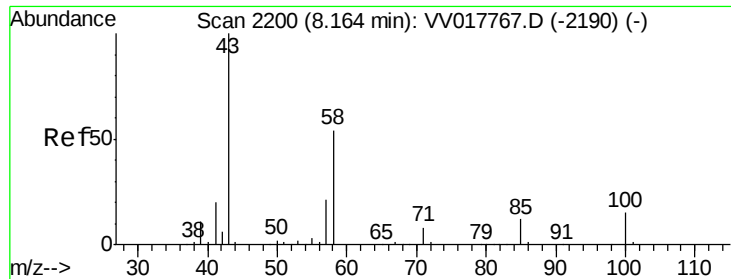
92 56.6 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV017776.D (-1871) (-)

Ion 92.15 (91.85 to 92.85): VV017776.D (-1871) (-)





#50

2-Hexanone

Concen: 1.677 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VV017776.D

Acq: 31 Jul 2020 15:34

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Tot Ion: 43 Resp: 6304

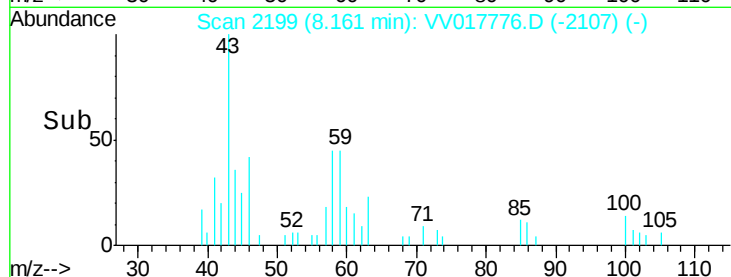
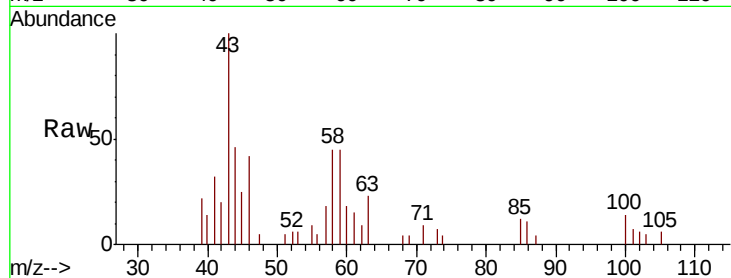
Ion Ratio Lower Upper

43 100

58 46.2 41.6 62.4

57 14.9 15.4 23.0#

100 11.6 11.2 16.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

