

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015660.D
 Acq On : 23 Apr 2020 14:14
 Operator : SY/MD
 Sample : L2370-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131480	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	60860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31411	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.57	69	30950	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.12	63	49404	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.94	46	107543	48.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.48%
24) Chloroform-d	4.38	84	74235	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	43770	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.07	84	142823	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	46235	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	130048	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.64	79	14745	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.11	63	82111	45.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31450	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	49873	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

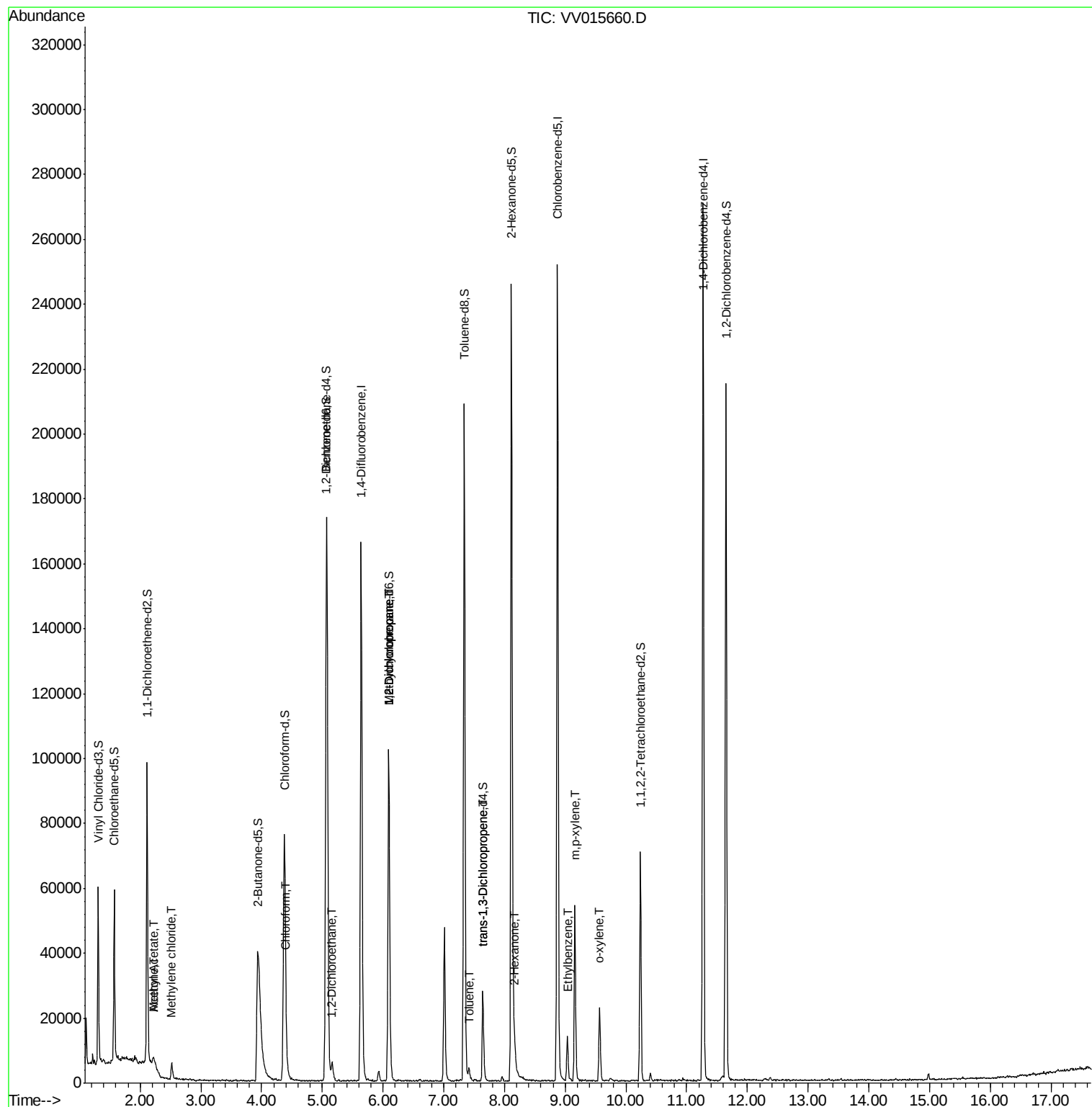
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	13842	9.035	ug/L	79
15) Methyl Acetate	2.22	43	13790	3.785	ug/L #	56
16) Methylene chloride	2.52	84	1779	0.188	ug/L	90
25) Chloroform	4.41	83	2984	0.167	ug/L	84
27) 1,2-Dichloroethane	5.16	62	4954	0.422	ug/L	97
35) Methylcyclohexane	6.10	83	11149	0.730	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5888	0.643	ug/L #	86
42) Toluene	7.41	91	2624	0.068	ug/L	90
44) trans-1,3-Dichloropropene	7.65	75	748	0.070	ug/L #	63
48) 2-Hexanone	8.17	43	4985	1.176	ug/L #	91
52) Ethylbenzene	9.04	91	10018	0.225	ug/L	94
53) m,p-xylene	9.16	106	14089	0.863	ug/L	98
54) o-xylene	9.57	106	5739	0.363	ug/L	96

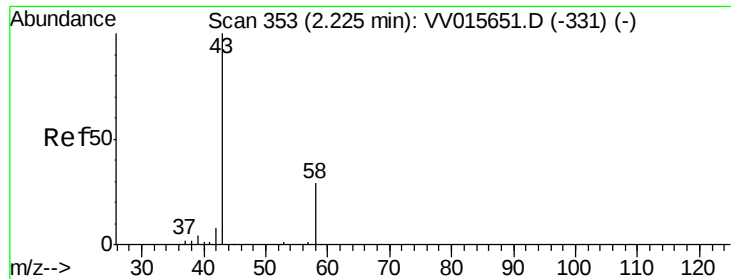
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.035 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.00 min

Lab File: VV015660.D

Acq: 23 Apr 2020 14:14

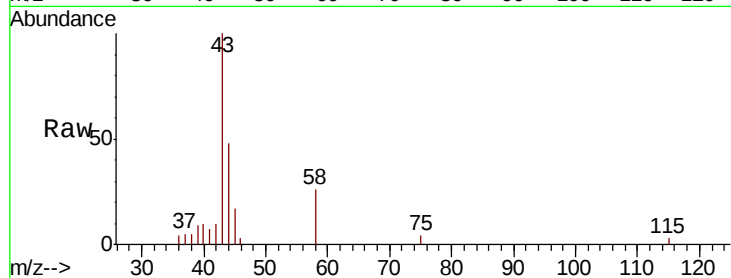
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 13842

Ion Ratio Lower Upper

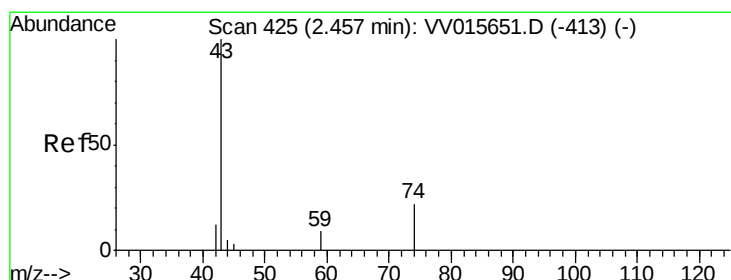
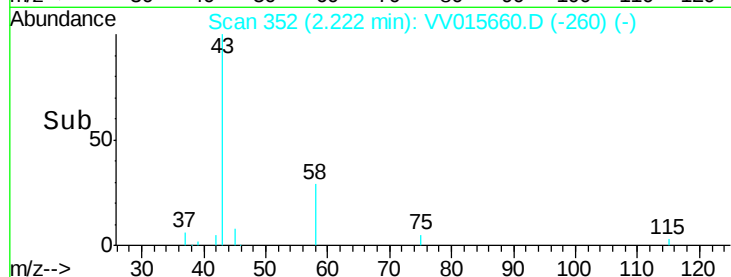
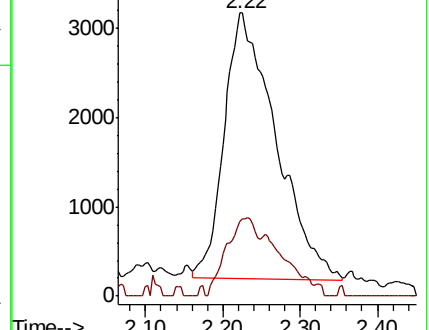
43 100

58 17.6 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015660.D (-260) (-)

Ion 58.05 (57.75 to 58.75): VV015660.D (-260) (-)



#15

Methyl Acetate

Concen: 3.785 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.23 min

Lab File: VV015660.D

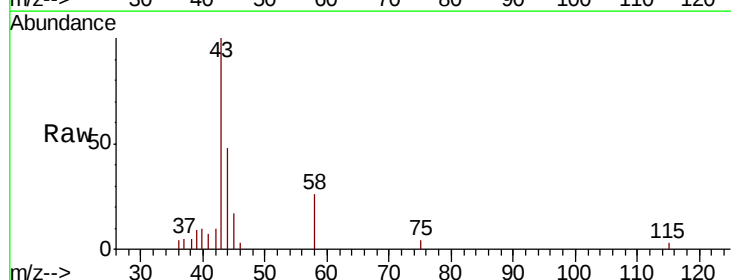
Acq: 23 Apr 2020 14:14

Tgt Ion: 43 Resp: 13790

Ion Ratio Lower Upper

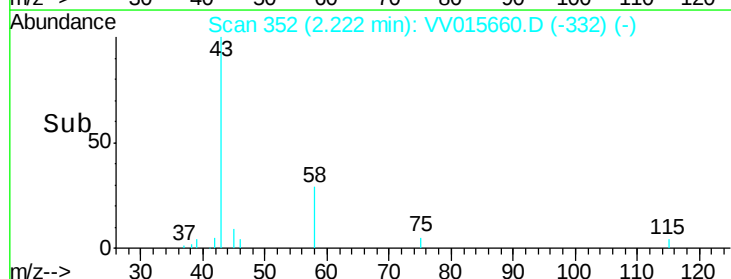
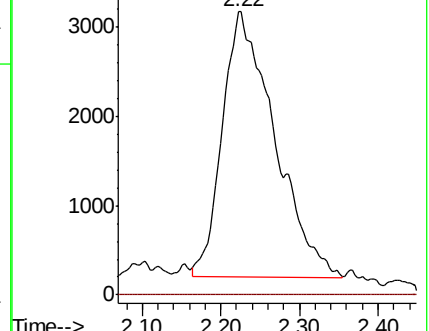
43 100

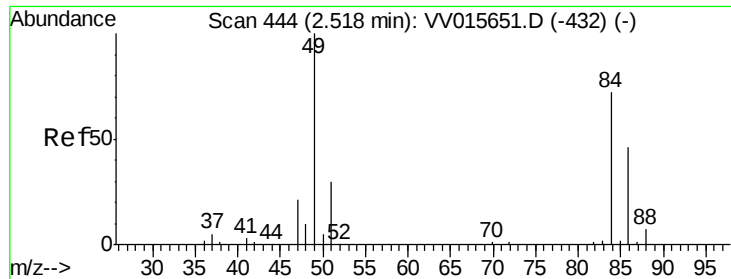
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VV015660.D (-332) (-)

Ion 74.05 (73.75 to 74.75): VV015660.D (-332) (-)

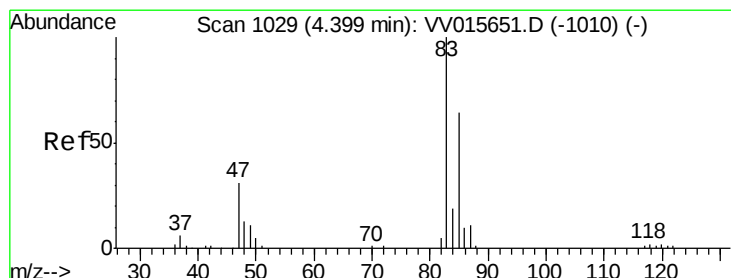
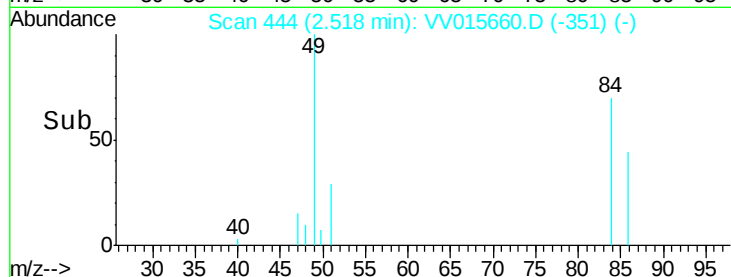
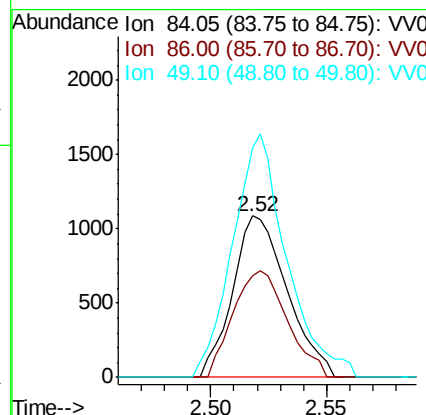
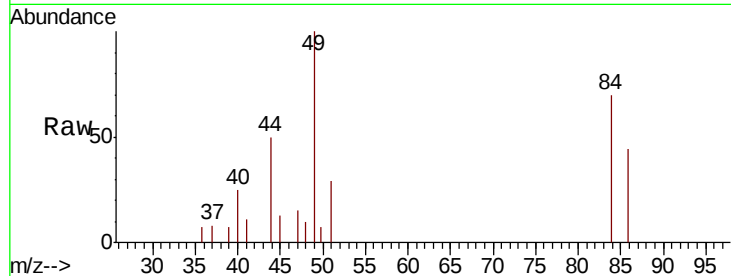




#16
Methvlene chloride
Concen: 0.188 ug/L
RT: 2.52 min Scan# 444
Delta R.T. 0.00 min
Lab File: VV015660.D
Acq: 23 Apr 2020 14:14

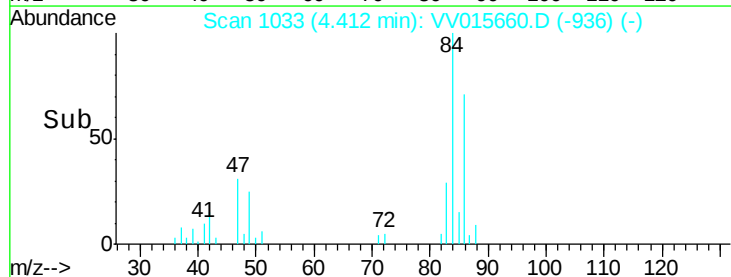
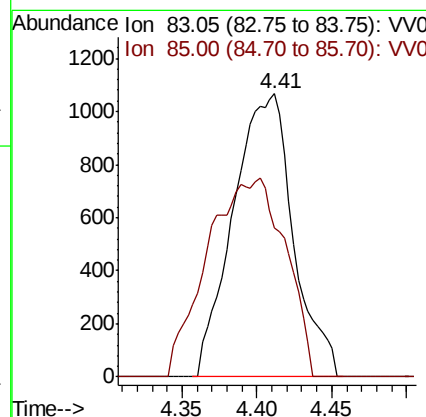
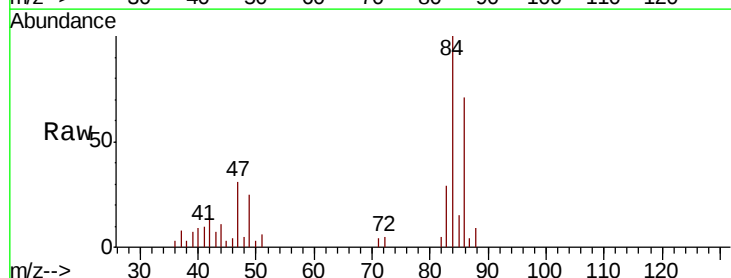
Instrument :
MSVOA_V
ClientSampleId :

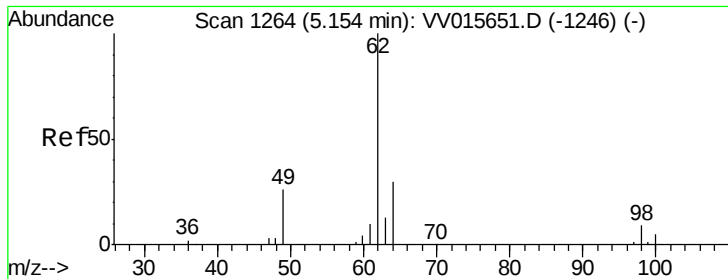
Tot Ion: 84 Resp: 1779
Ion Ratio Lower Upper
84 100
86 62.9 45.1 83.7
49 151.5 94.4 175.4



#25
Chloroform
Concen: 0.167 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015660.D
Acq: 23 Apr 2020 14:14

Tgt Ion: 83 Resp: 2984
Ion Ratio Lower Upper
83 100
85 52.8 46.1 85.5

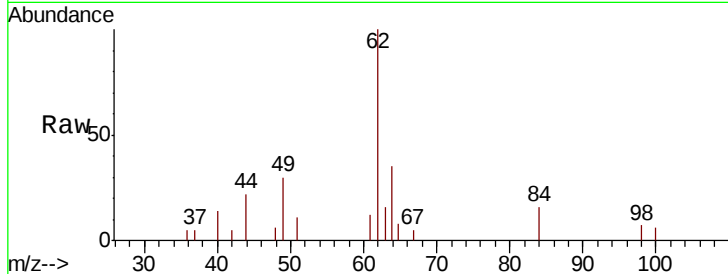




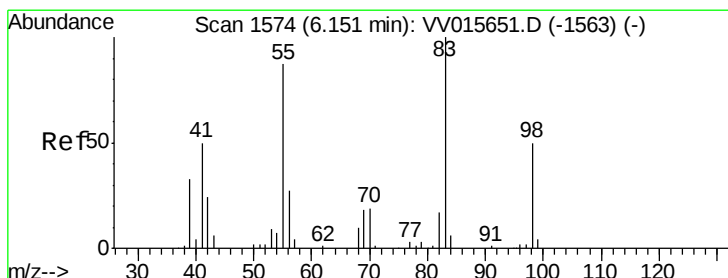
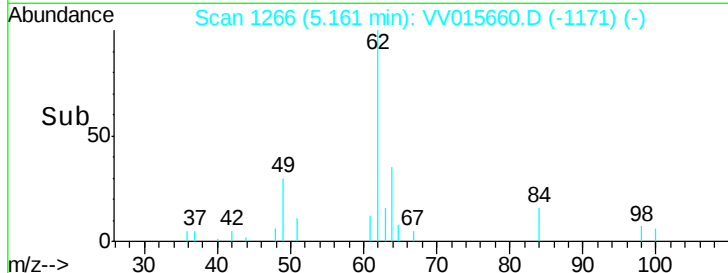
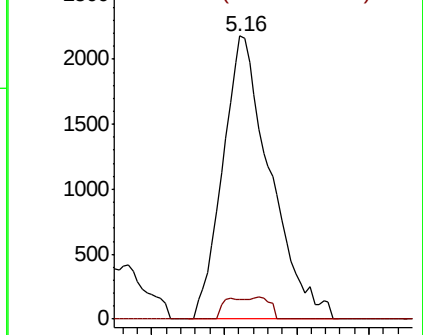
#27
 1,2-Dichloroethane
 Concen: 0.422 ug/L
 RT: 5.16 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: VV015660.D
 Acq: 23 Apr 2020 14:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 62 Resp: 4954
 Ion Ratio Lower Upper
 62 100
 98 6.9 6.3 9.5

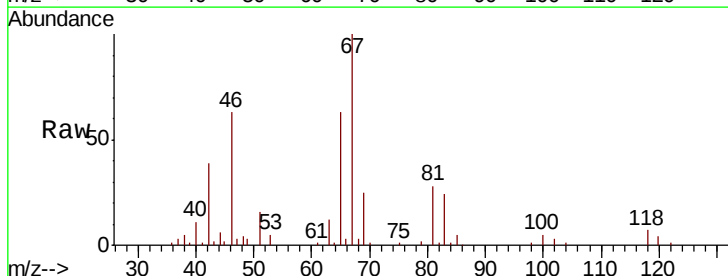


Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.05 (97.75 to 98.75): VV0

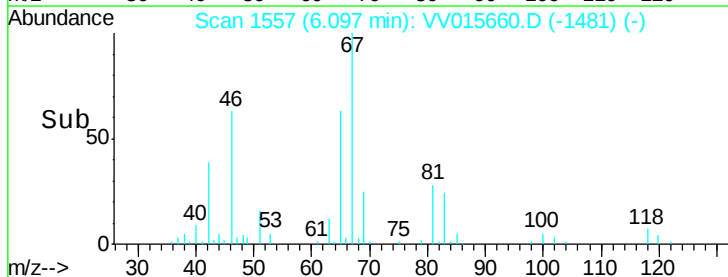
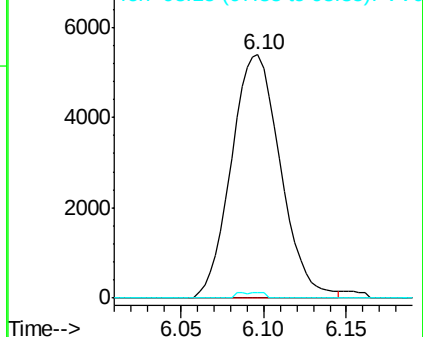


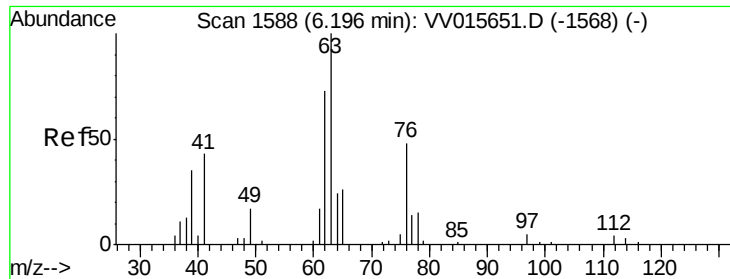
#35
 Methylcyclohexane
 Concen: 0.730 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV015660.D
 Acq: 23 Apr 2020 14:14

Tgt Ion: 83 Resp: 11149
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 1.2 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

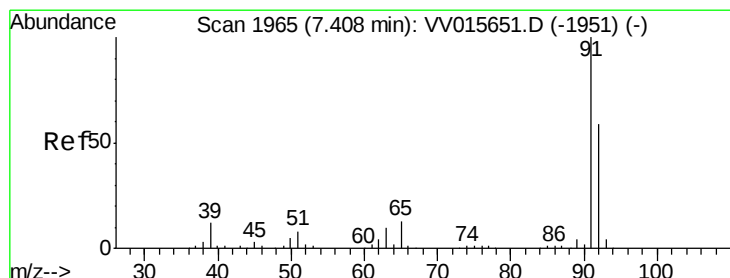
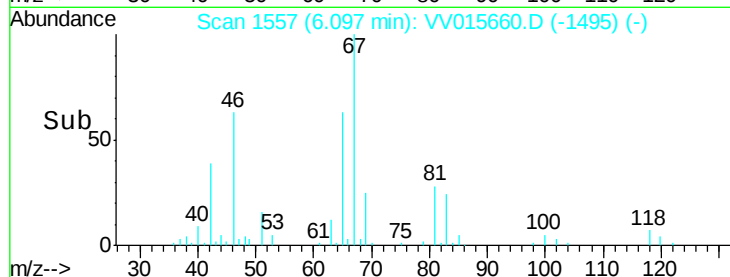
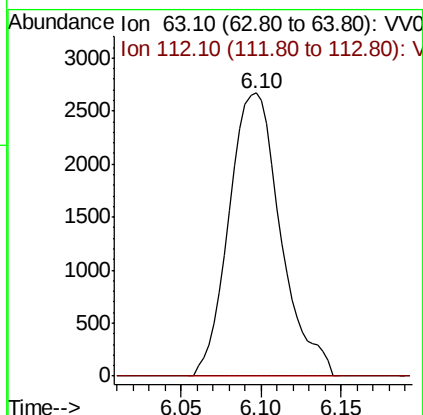
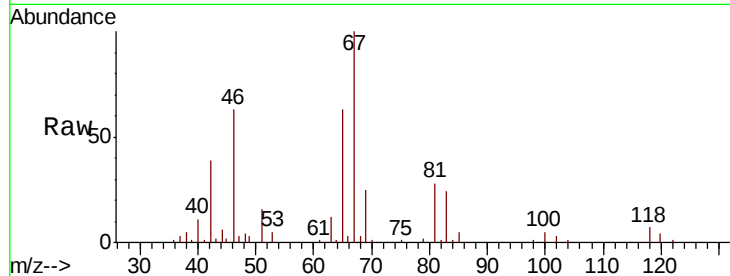




#37
 1,2-Dichloropropane
 Concen: 0.643 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015660.D
 Acq: 23 Apr 2020 14:14

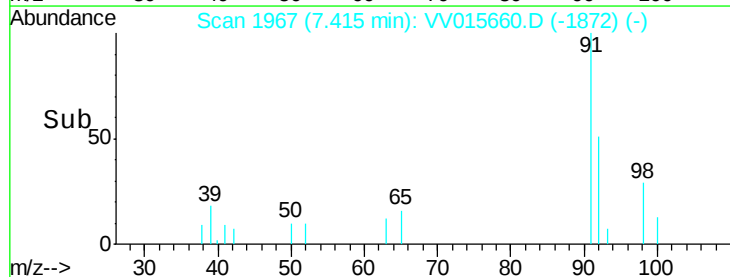
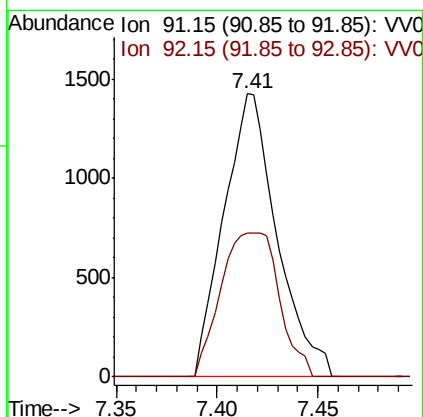
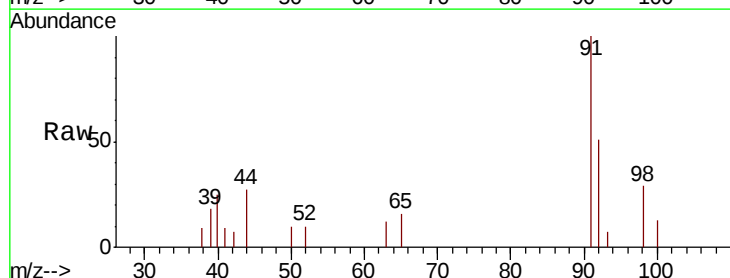
Instrument :
 MSVOA_V
 ClientSampled :

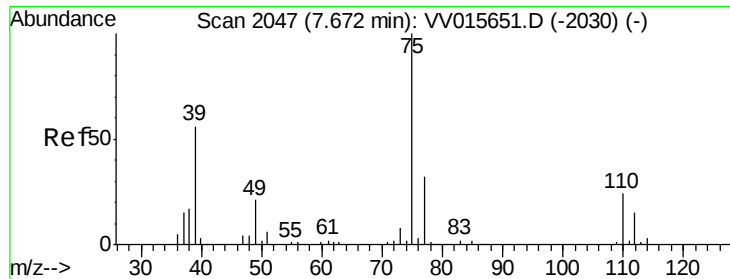
Tot Ion: 63 Resp: 5888
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 Toluene
 Concen: 0.068 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV015660.D
 Acq: 23 Apr 2020 14:14

Tgt Ion: 91 Resp: 2624
 Ion Ratio Lower Upper
 91 100
 92 51.0 40.7 75.7





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015660.D

Acq: 23 Apr 2020 14:14

Instrument :

MSVOA_V

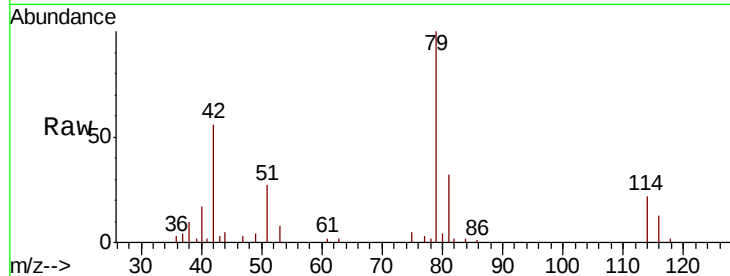
ClientSampled :

Tot Ion: 75 Resp: 748

Ion Ratio Lower Upper

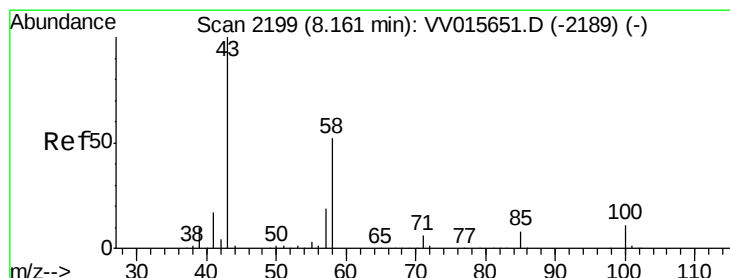
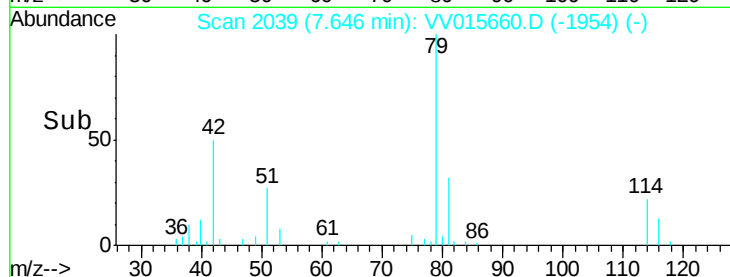
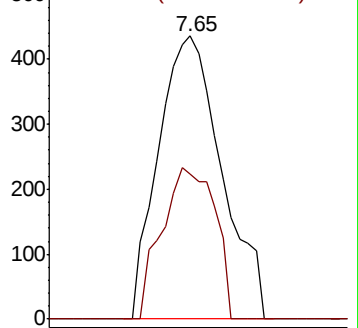
75 100

77 51.4 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 1.176 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015660.D

Acq: 23 Apr 2020 14:14

Tgt Ion: 43 Resp: 4985

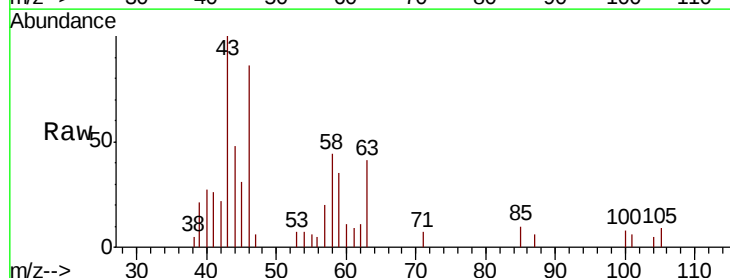
Ion Ratio Lower Upper

43 100

58 46.1 41.1 61.7

57 15.1 15.0 22.4

100 5.9 9.0 13.4#

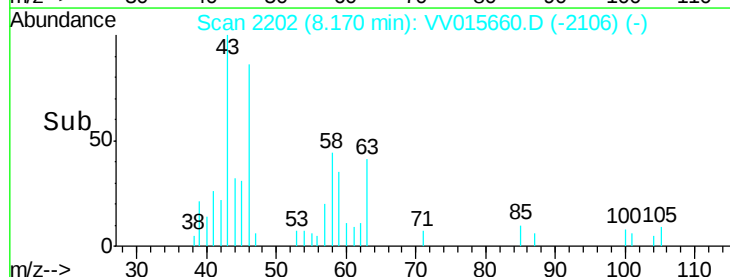
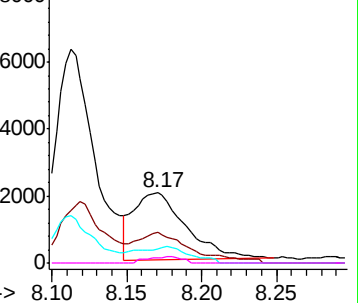


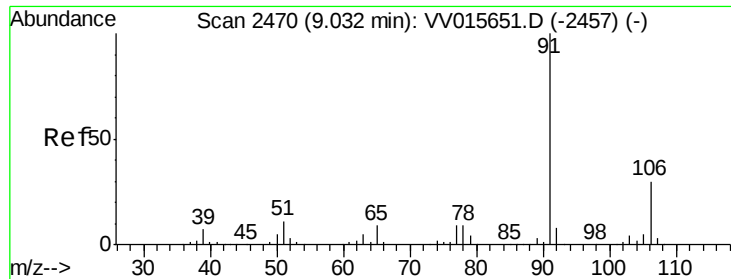
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#52

Ethylbenzene

Concen: 0.225 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV015660.D

Acq: 23 Apr 2020 14:14

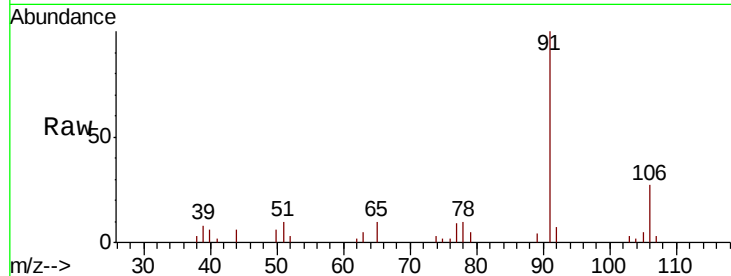
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 10018

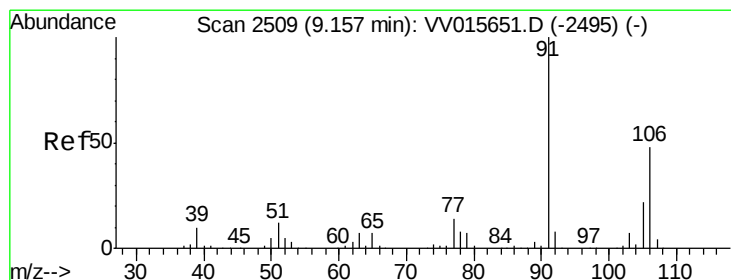
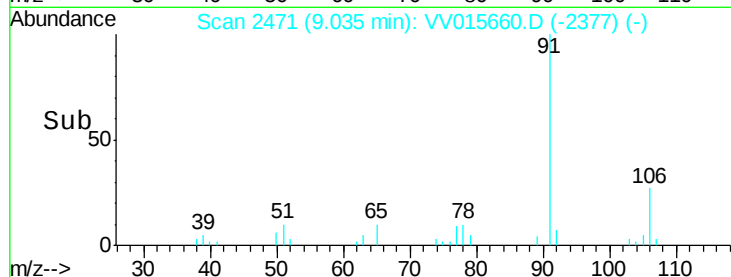
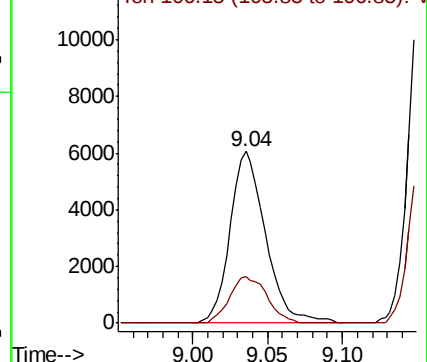
Ion Ratio Lower Upper

91 100

106 27.0 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015660.D (-2377) (-)



#53

m,p-xylene

Concen: 0.863 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV015660.D

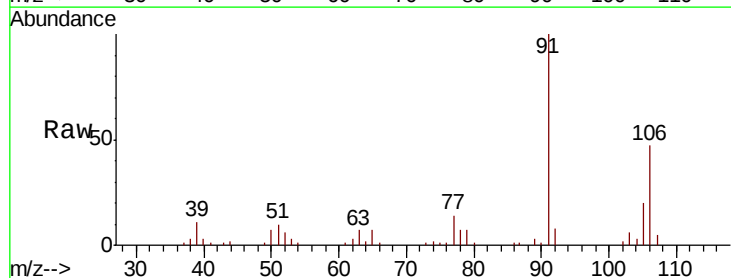
Acq: 23 Apr 2020 14:14

Tgt Ion: 106 Resp: 14089

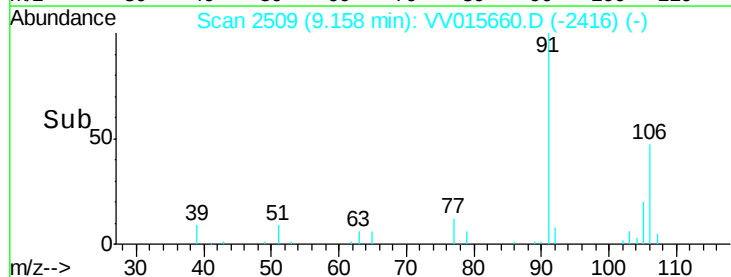
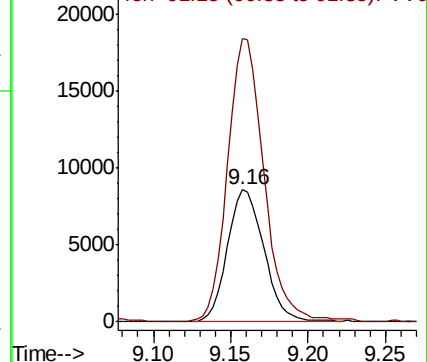
Ion Ratio Lower Upper

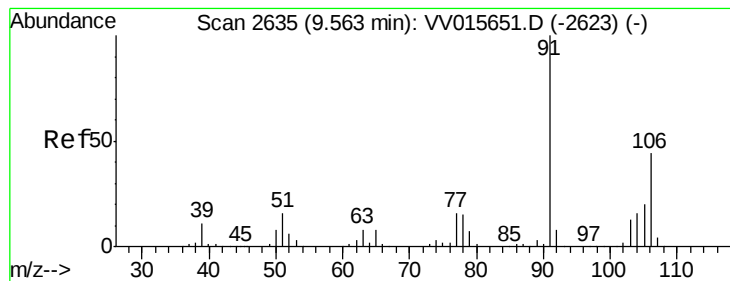
106 100

91 214.5 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015660.D (-2416) (-)





#54

o-xylene

Concen: 0.363 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV015660.D

Acq: 23 Apr 2020 14:14

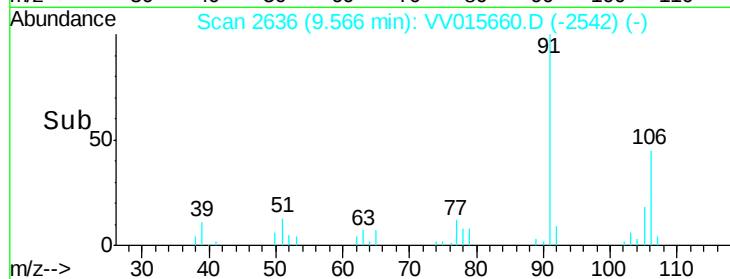
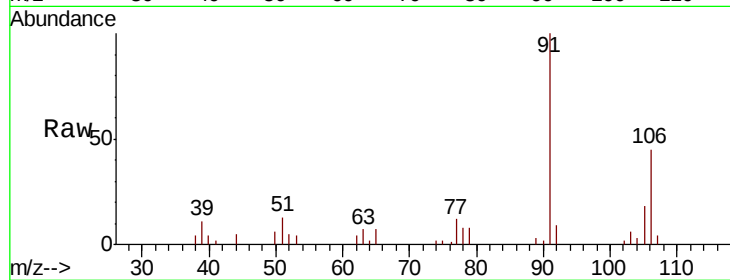
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 5739

Ion Ratio Lower Upper

106 100

91 221.5 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

