

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016620.D
 Acq On : 07 Jun 2020 04:31
 Operator : SY/MD
 Sample : L2875-21MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTX2MSD

Quant Time: Jun 07 07:38:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Jun 07 03:25:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362617	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333380	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113965	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.56	69	60305	32.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.04%#
11) 1,1-Dichloroethene-d2	2.12	63	199116	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.46%
21) 2-Butanone-d5	3.90	46	182507	111.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.13%
24) Chloroform-d	4.37	84	232185	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
26) 1,2-Dichloroethane-d4	5.05	65	166251	51.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.02%
32) Benzene-d6	5.07	84	465163	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
36) 1,2-Dichloropropane-d6	6.09	67	146110	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.02%
41) Toluene-d8	7.34	98	413079	50.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.86%
43) trans-1,3-Dichloropropene-	7.64	79	64703	47.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.42%
47) 2-Hexanone-d5	8.11	63	131549	110.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	188169	49.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	164495	56.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.32%

Target Compounds

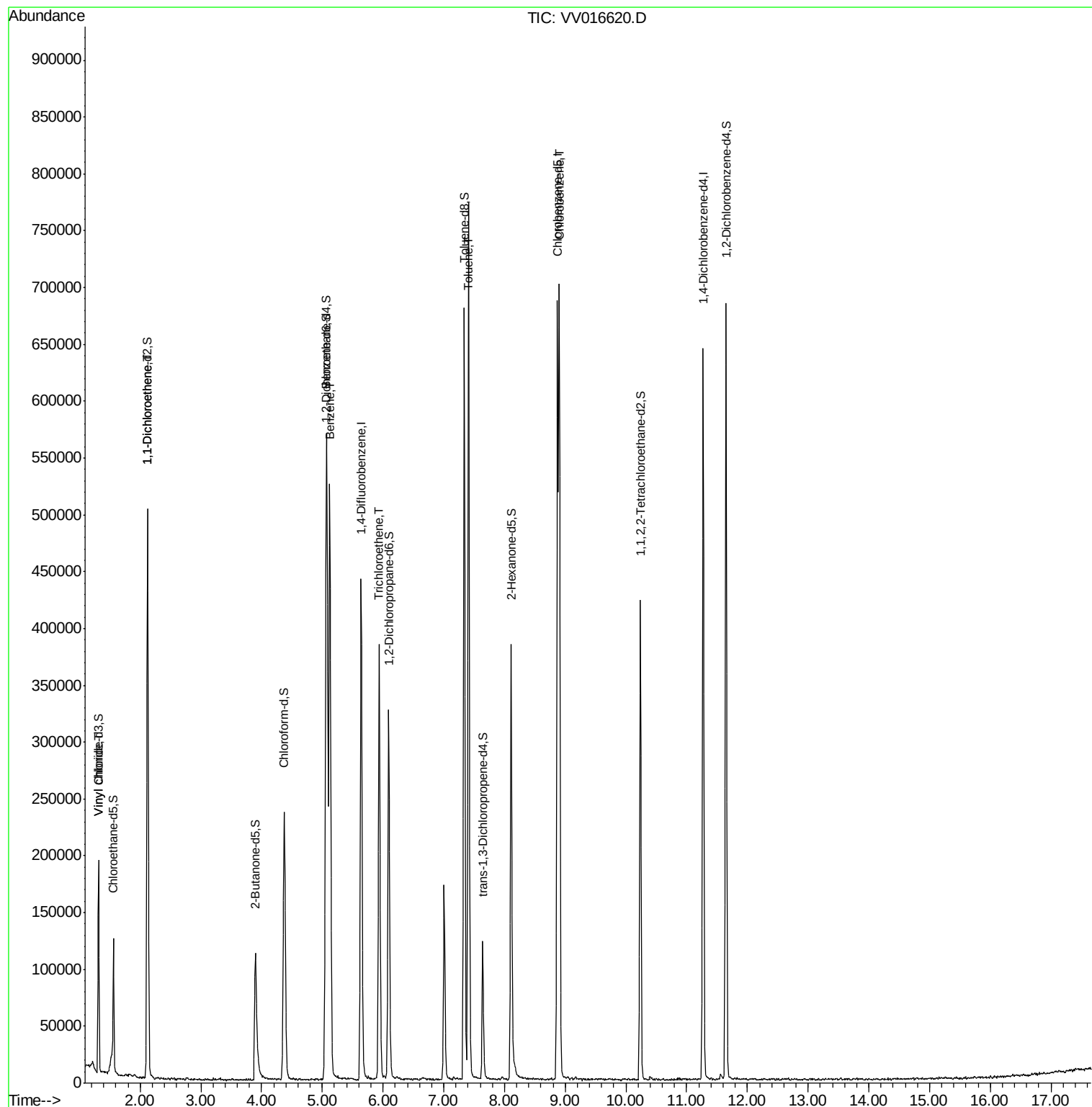
					Ovalue
5) Vinyl chloride	1.32	62	3217	1.155 ug/L #	41
12) 1,1-Dichloroethene	2.13	96	87058	43.244 ug/L	93
33) Benzene	5.12	78	509363	51.951 ug/L	100
34) Trichloroethene	5.94	95	129813	50.458 ug/L	99
42) Toluene	7.41	91	532375	51.242 ug/L	98
51) Chlorobenzene	8.90	112	341057	49.947 ug/L	99

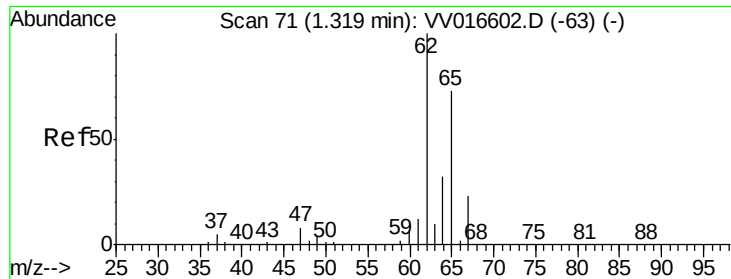
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.155 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

Instrument :

MSVOA_V

ClientSampleId :

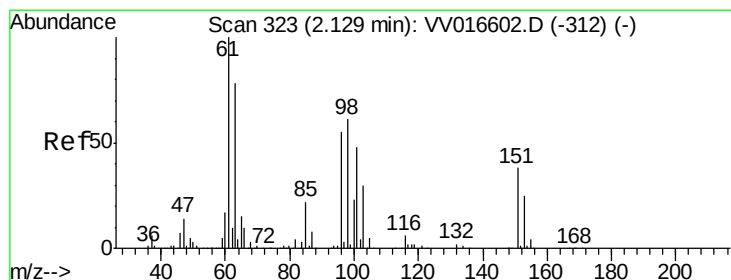
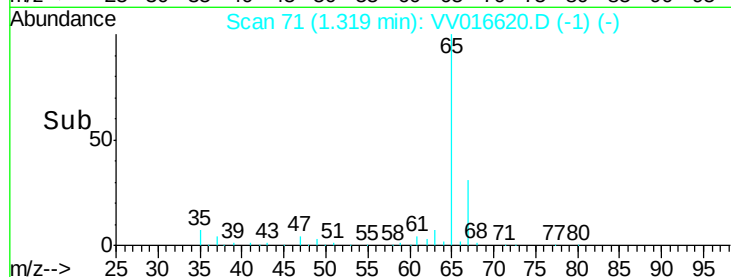
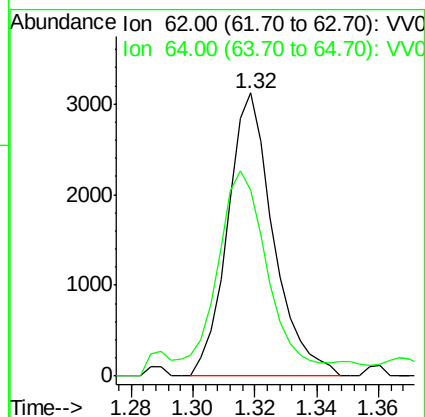
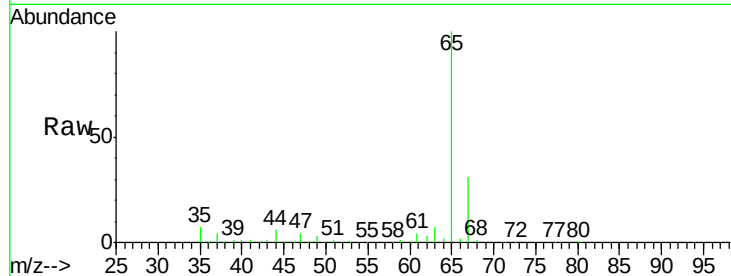
ETTX2MSD

Tot Ion: 62 Resp: 3217

Ion Ratio Lower Upper

62 100

64 65.7 22.7 42.1#



#12

1,1-Dichloroethene

Concen: 43.244 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

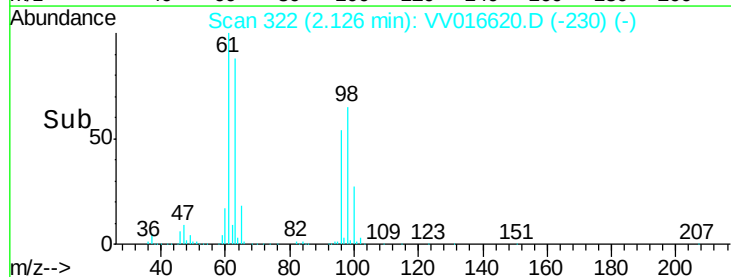
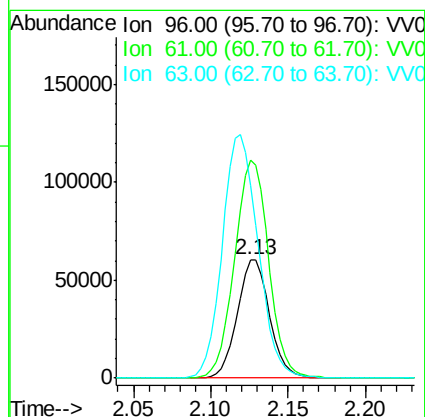
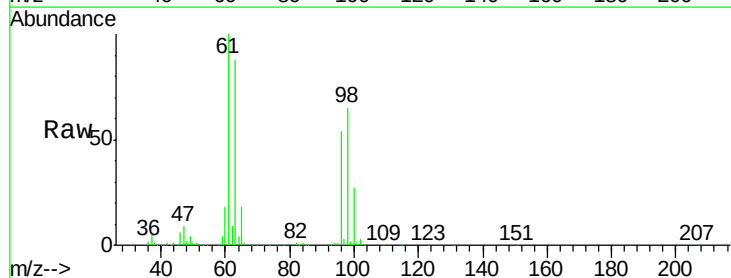
Tgt Ion: 96 Resp: 87058

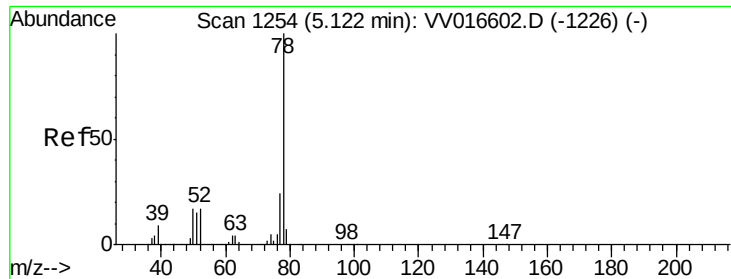
Ion Ratio Lower Upper

96 100

61 184.7 125.5 233.1

63 163.1 104.0 193.1





#33

Benzene

Concen: 51.951 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

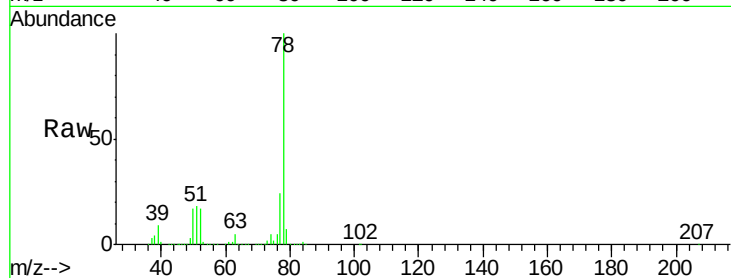
Instrument :

MSVOA_V

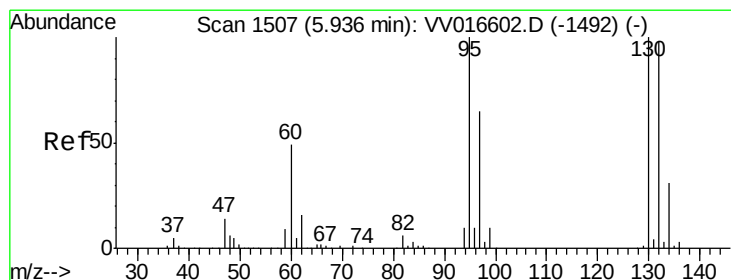
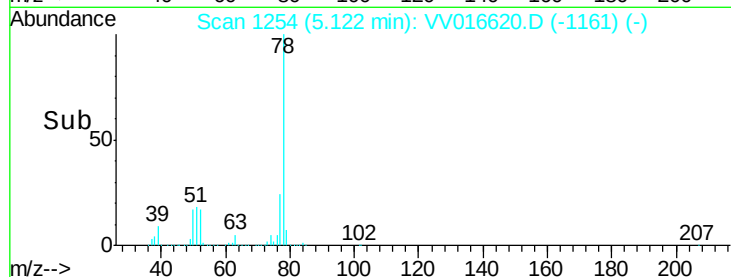
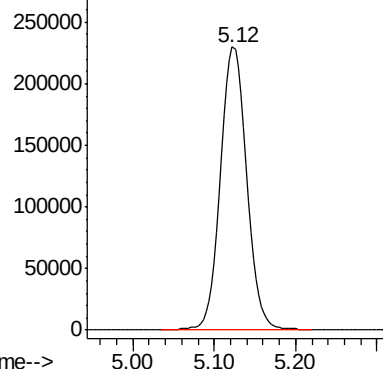
ClientSampleId :

ETTX2MSD

Tgt Ion: 78 Resp: 509363



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 50.458 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

Tgt Ion: 95 Resp: 129813

Ion	Ratio	Lower	Upper
95	100		
97	63.7	42.8	79.6
132	94.4	65.6	121.8
130	98.9	69.0	128.1

95 100

97 63.7 42.8 79.6

132 94.4 65.6 121.8

130 98.9 69.0 128.1

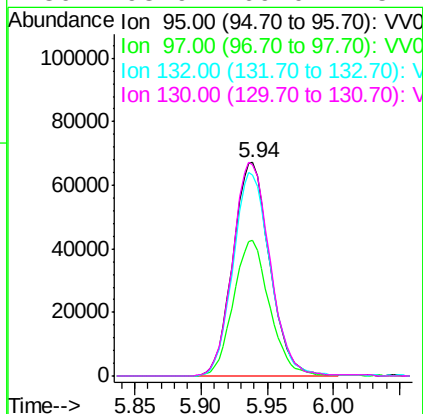
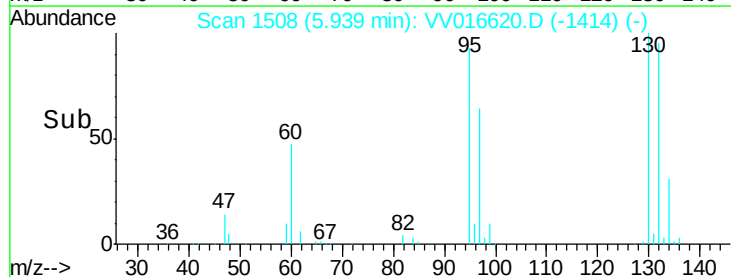
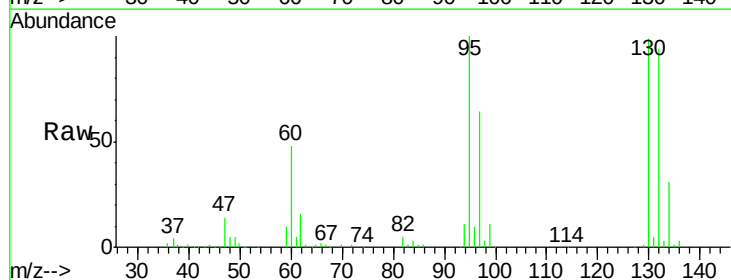
Abundance Ion 95.00 (94.70 to 95.70): VV0

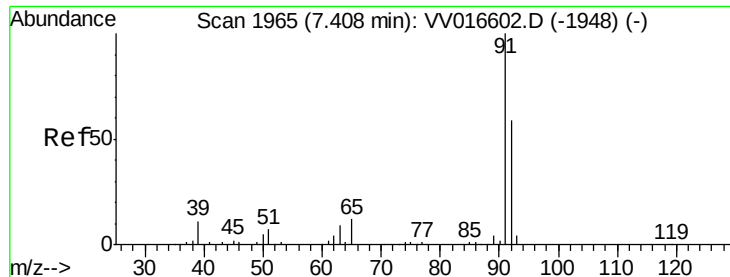
Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->





#42

Toluene

Concen: 51.242 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

Instrument :

MSVOA_V

ClientSampleId :

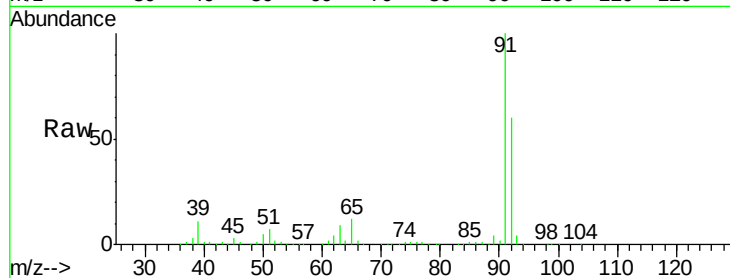
ETTX2MSD

Tot Ion: 91 Resp: 532375

Ion Ratio Lower Upper

91 100

92 59.7 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016620.D (-1948) (-)

Ion 92.00 (91.70 to 92.70): VV016620.D (-1948) (-)

7.41

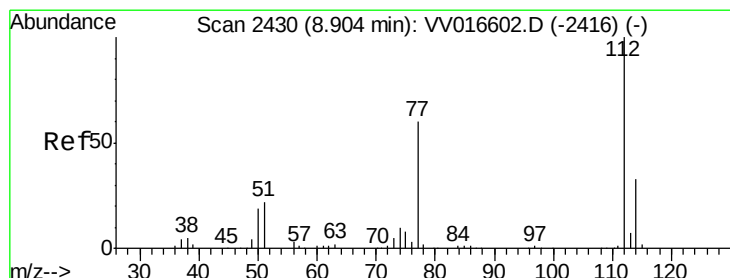
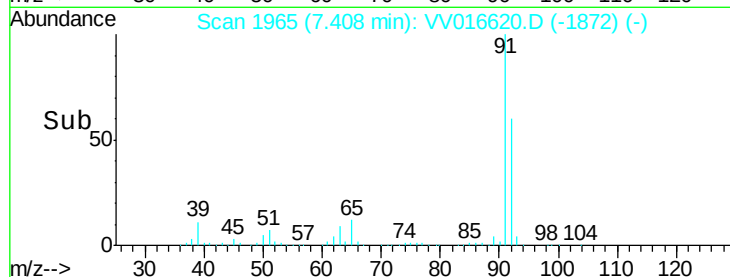
300000

200000

100000

0

Time--> 7.30 7.40 7.50



#51

Chlorobenzene

Concen: 49.947 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV016620.D

Acq: 07 Jun 2020 04:31

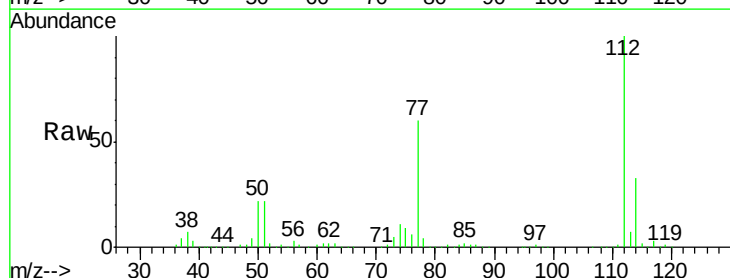
Tgt Ion: 112 Resp: 341057

Ion Ratio Lower Upper

112 100

114 32.9 22.7 42.1

77 60.0 47.4 71.2



Abundance Ion 112.00 (111.70 to 112.70): VV016620.D (-2416) (-)

Ion 114.00 (113.70 to 114.70): VV016620.D (-2416) (-)

Ion 77.00 (76.70 to 77.70): VV016620.D (-2416) (-)

8.90

250000

200000

150000

100000

50000

0

Time--> 8.85 8.90 8.95 9.00

