

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010356.D
 Acq On : 18 Apr 2019 18:43
 Operator : SY/MD
 Sample : K2470-06MSD
 Misc : 4.30G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5135MSD

Quant Time: Apr 19 07:53:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 06:08:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	302719	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	301928	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	155327	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64622	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.24%
7) Chloroethane-d5	1.57	69	64191	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.52%
10) 1,1-Dichloroethene-d2	2.13	63	181531	19.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.28%
20) 2-Butanone-d5	3.93	46	65074	54.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.72%
24) Chloroform-d	4.40	84	172920	21.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.92%
26) 1,2-Dichloroethane-d4	5.08	65	109047	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.84%
29) Benzene-d6	5.10	84	318443	20.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.40%
33) 1,2-Dichloropropane-d6	6.12	67	99373	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.88%
37) Toluene-d8	7.36	98	299018	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.52%
38) trans-1,3-Dichloropropene-	7.66	79	45424	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.68%
39) 2-Hexanone-d5	8.13	63	53307	52.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	113973	25.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	136508	22.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.40%

Target Compounds

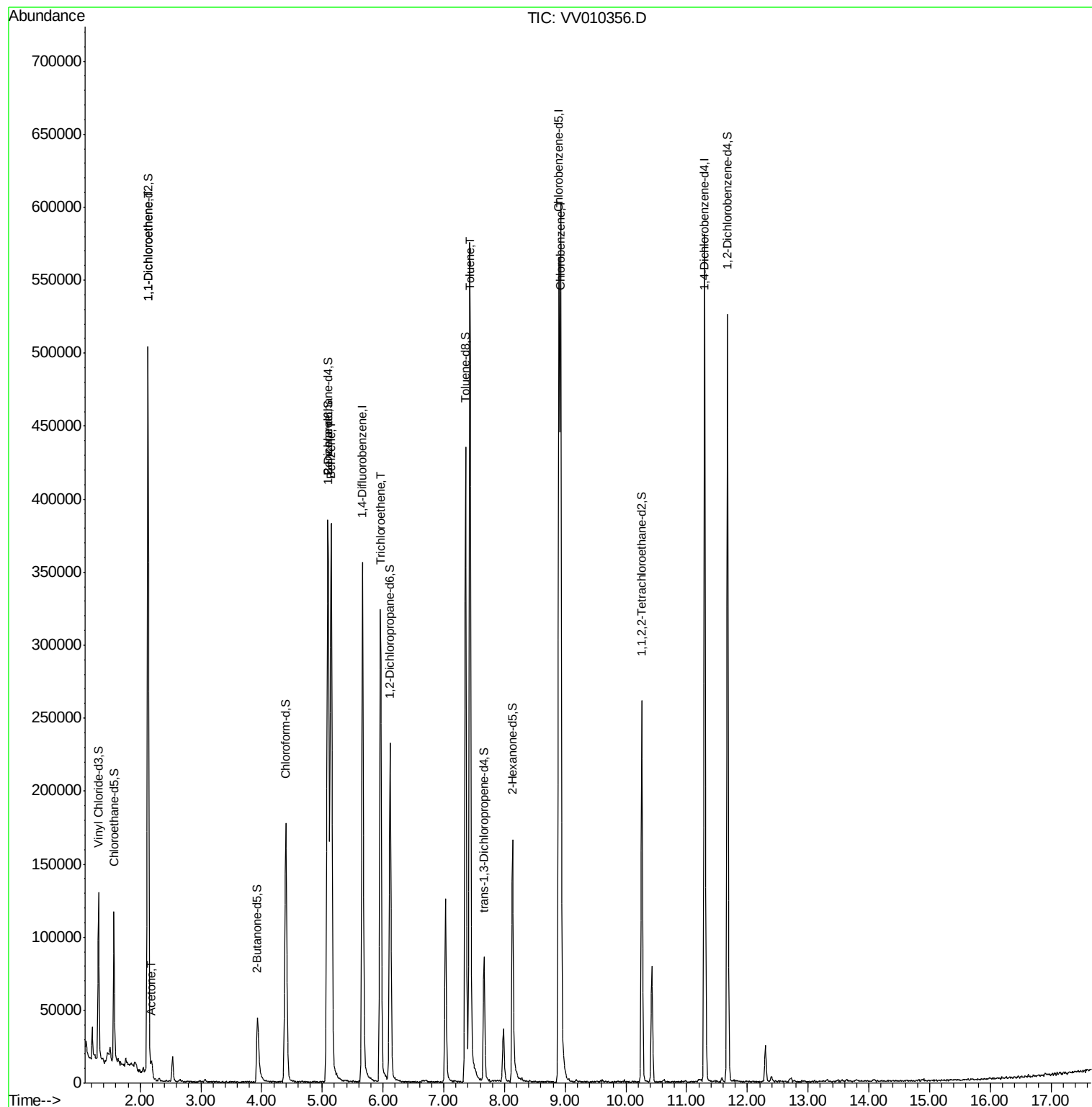
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	92716	23.576	ug/L	96
13) Acetone	2.19	43	4127	3.267	ug/L	95
34) Benzene	5.15	78	364432	24.735	ug/L	100
35) Trichloroethene	5.96	95	104594	23.994	ug/L	99
44) Toluene	7.43	91	423452	25.494	ug/L	98
52) Chlorobenzene	8.93	112	309838	26.809	ug/L	100

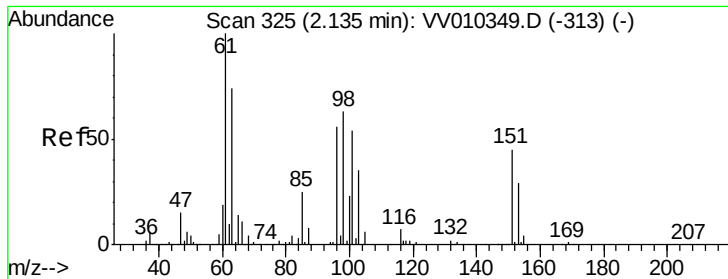
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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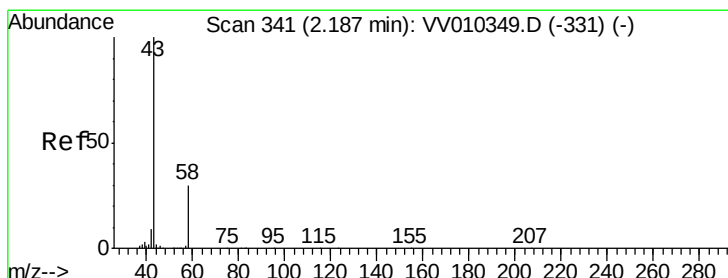
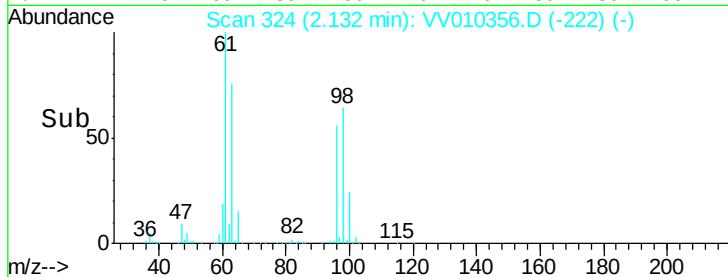
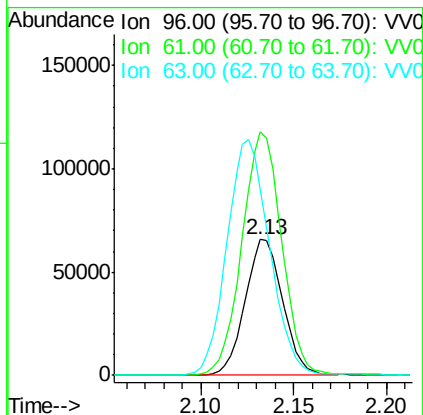
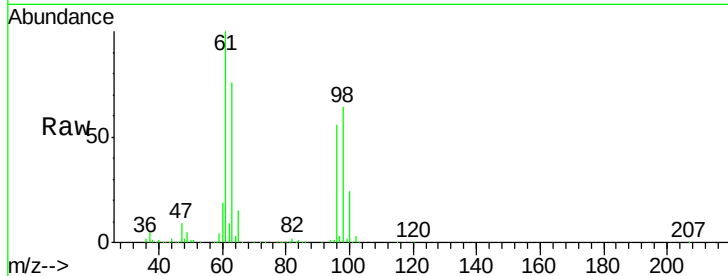




#12
 1,1-Dichloroethene
 Concen: 23.576 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV010356.D
 Acq: 18 Apr 2019 18:43

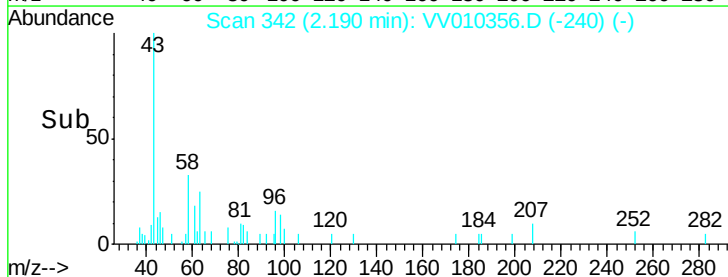
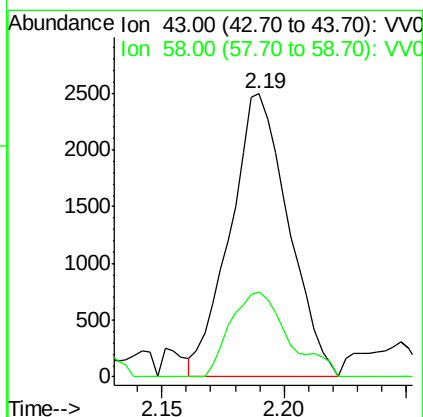
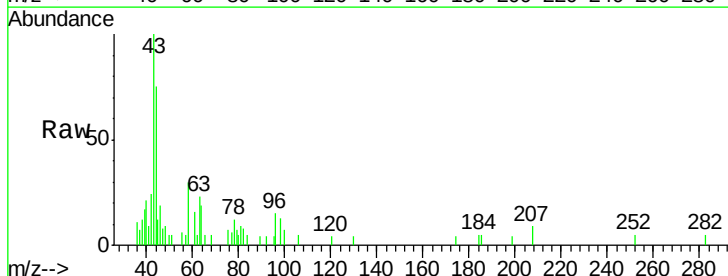
Instrument :
 MSVOA_V
 ClientSampleId :
 A5135MSD

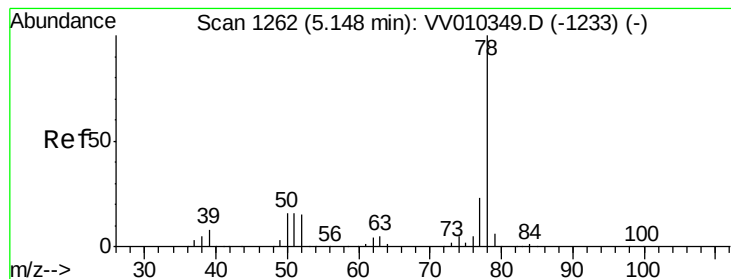
Tot Ion: 96 Resp: 92716
 Ion Ratio Lower Upper
 96 100
 61 179.3 124.7 231.5
 63 136.6 88.7 164.7



#13
 Acetone
 Concen: 3.267 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV010356.D
 Acq: 18 Apr 2019 18:43

Tgt Ion: 43 Resp: 4127
 Ion Ratio Lower Upper
 43 100
 58 27.4 0.0 60.0





#34

Benzene

Concen: 24.735 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV010356.D

Acq: 18 Apr 2019 18:43

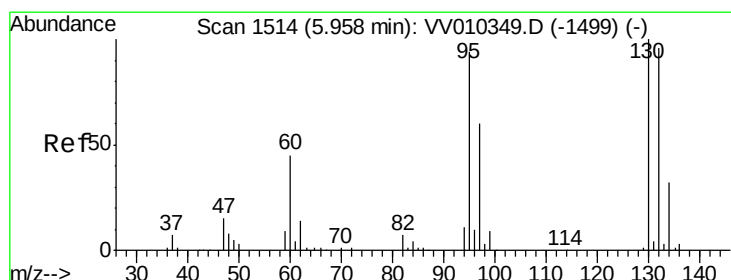
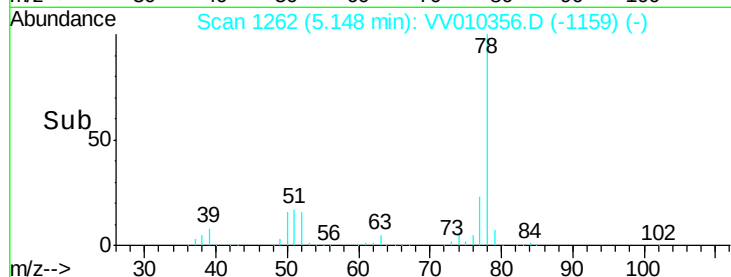
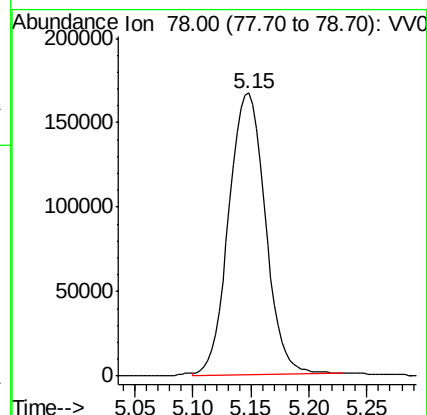
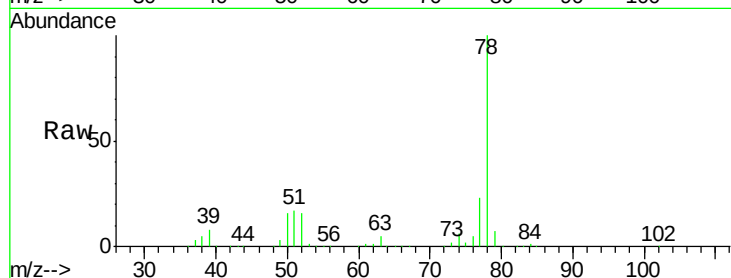
Instrument :

MSVOA_V

ClientSampleId :

A5135MSD

Tgt Ion: 78 Resp: 364432



#35

Trichloroethene

Concen: 23.994 ug/L

RT: 5.96 min Scan# 1514

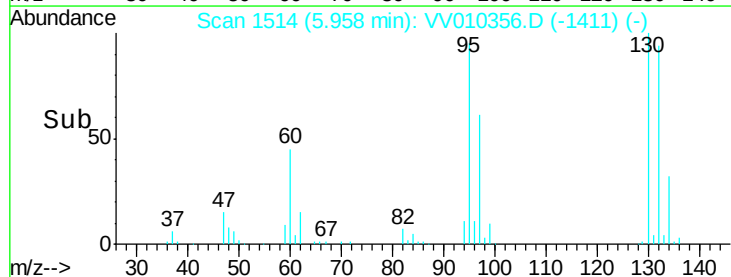
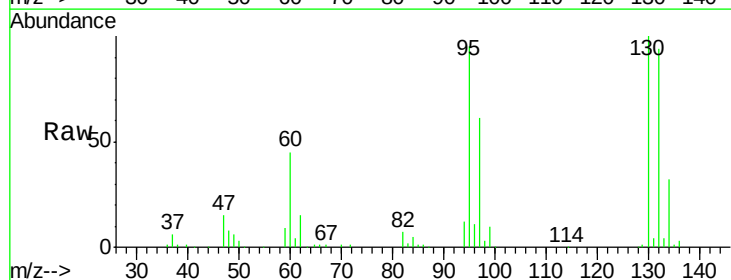
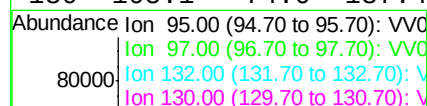
Delta R.T. 0.00 min

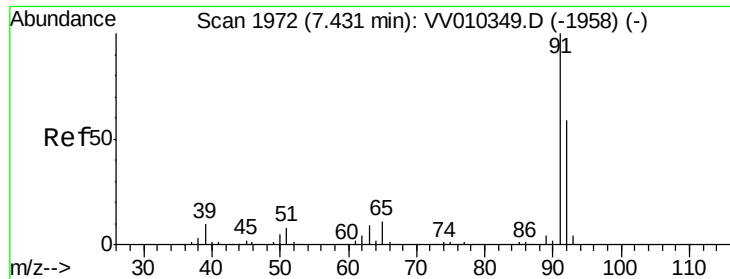
Lab File: VV010356.D

Acq: 18 Apr 2019 18:43

Tgt Ion: 95 Resp: 104594

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.6	84.8
132	102.0	71.5	132.7
130	105.1	74.0	137.4





#44

Toluene

Concen: 25.494 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV010356.D

Acq: 18 Apr 2019 18:43

Instrument :

MSVOA_V

ClientSampleId :

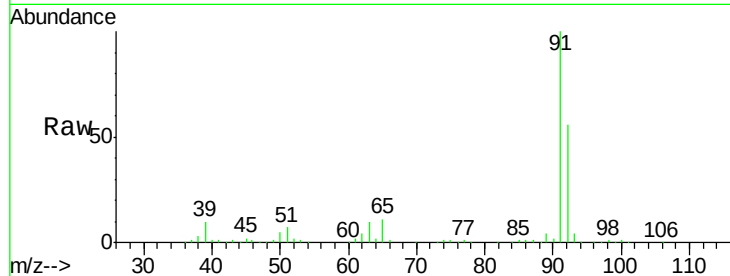
A5135MSD

Tot Ion: 91 Resp: 423452

Ion Ratio Lower Upper

91 100

92 55.7 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010349.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010349.D (-1958) (-)

7.43

250000

200000

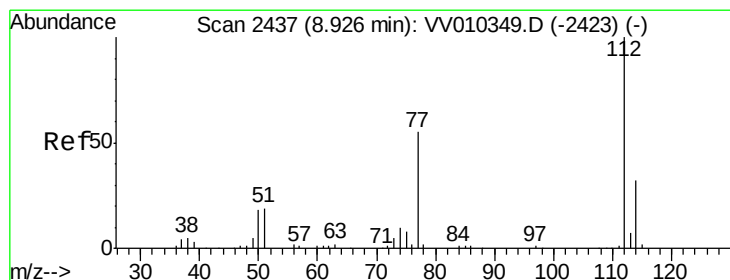
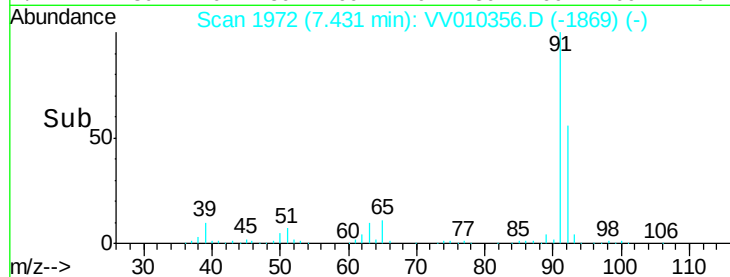
150000

100000

50000

0

Time-->



#52

Chlorobenzene

Concen: 26.809 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010356.D

Acq: 18 Apr 2019 18:43

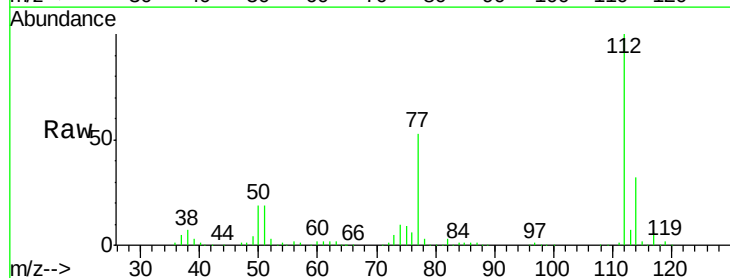
Tgt Ion: 112 Resp: 309838

Ion Ratio Lower Upper

112 100

77 53.5 43.0 64.4

114 31.8 22.5 41.9



Abundance Ion 112.00 (111.70 to 112.70): VV010349.D (-2423) (-)

Ion 77.00 (76.70 to 77.70): VV010349.D (-2423) (-)

Ion 114.00 (113.70 to 114.70): VV010349.D (-2423) (-)

8.93

250000

200000

150000

100000

50000

0

Time-->

