

Data File : VV010876.D
Acq On : 14 May 2019 23:42
Operator : SY/MD
Sample : K2798-05MSD
Misc : 4.70G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB875MSD

Quant Time: May 15 08:21:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	135482	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	58338	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35328	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.88%
7) Chloroethane-d5	1.57	69	27741	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
10) 1,1-Dichloroethene-d2	2.13	63	74405	22.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.12%
20) 2-Butanone-d5	3.94	46	22588	41.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.18%
24) Chloroform-d	4.40	84	77777	19.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.52%
26) 1,2-Dichloroethane-d4	5.08	65	46176	20.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.04%
29) Benzene-d6	5.10	84	164989	22.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.16%
33) 1,2-Dichloropropane-d6	6.12	67	53494	22.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.60%
37) Toluene-d8	7.36	98	146118	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.28%
38) trans-1,3-Dichloropropene-	7.66	79	19269	18.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.00%
39) 2-Hexanone-d5	8.13	63	16951	37.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41391	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	54289	22.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.12%

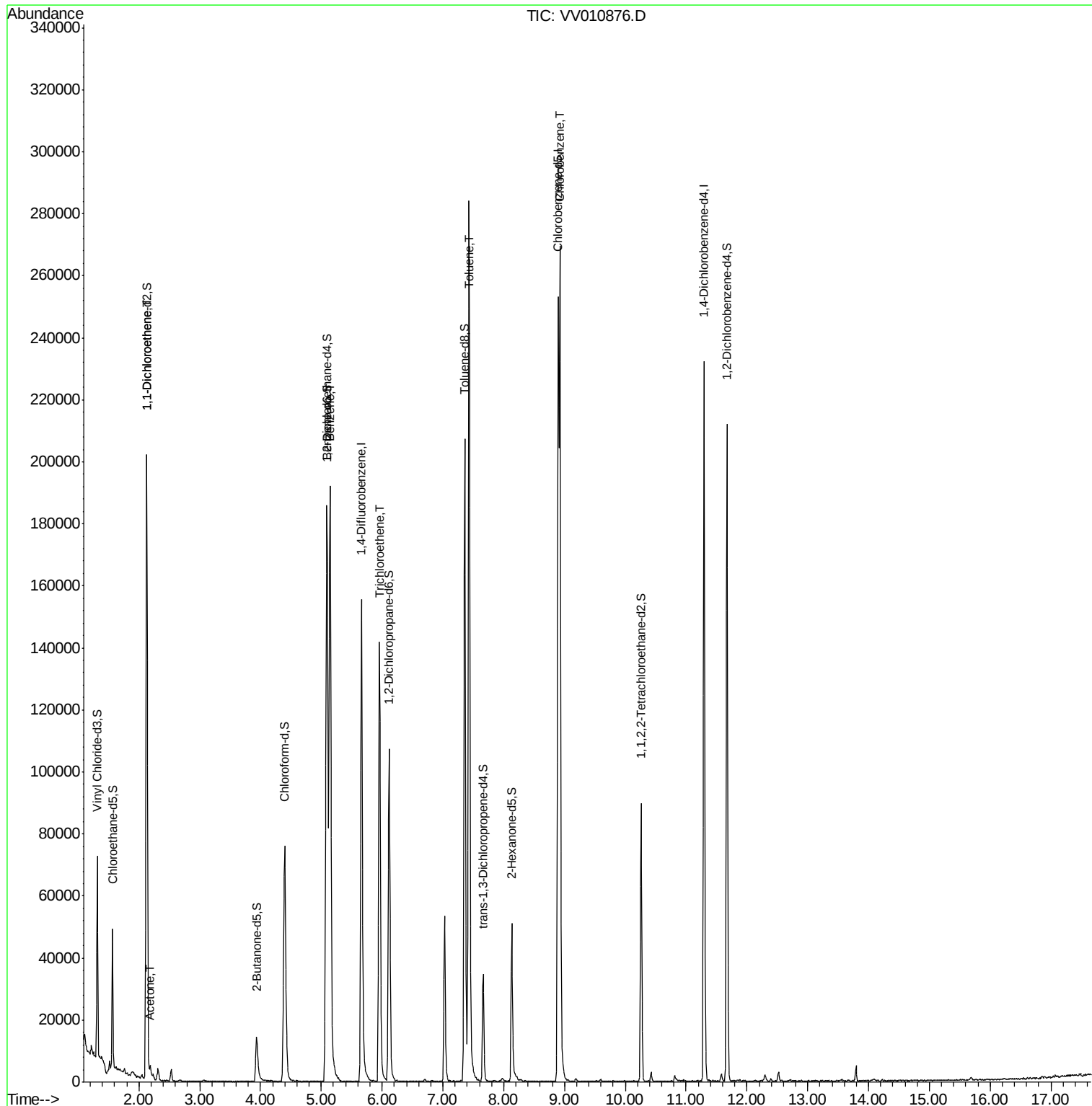
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.14	96	41170	26.370 ug/L	89
13) Acetone	2.19	43	1549	2.800 ug/L	74
34) Benzene	5.14	78	195799	24.845 ug/L	100
35) Trichloroethene	5.96	95	49467	24.218 ug/L	99
44) Toluene	7.43	91	214304	24.463 ug/L	97
52) Chlorobenzene	8.92	112	140357	23.525 ug/L	99

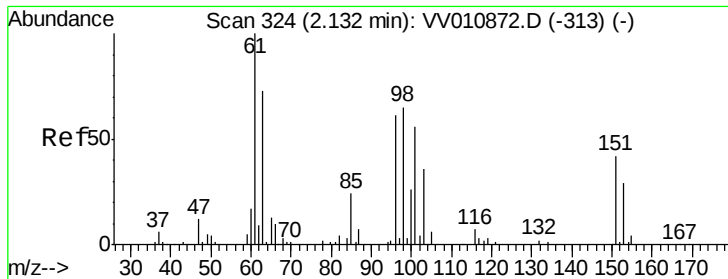
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 26.370 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV010876.D

Acq: 14 May 2019 23:42

Instrument :

MSVOA_V

ClientSampleId :

DB875MSD

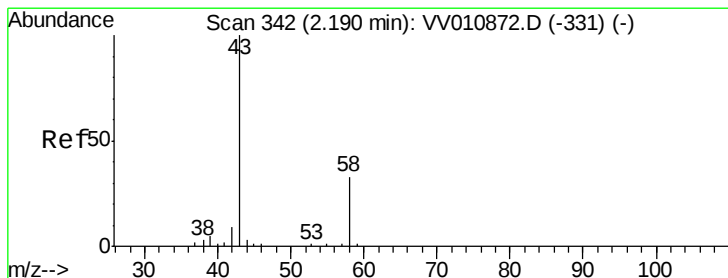
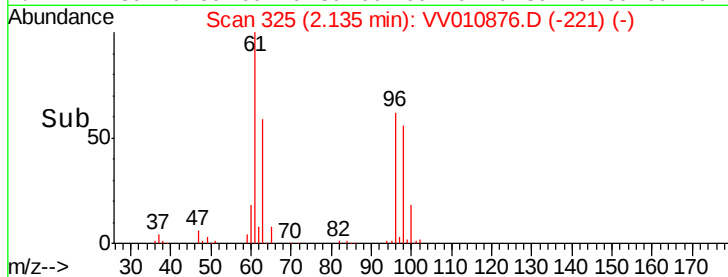
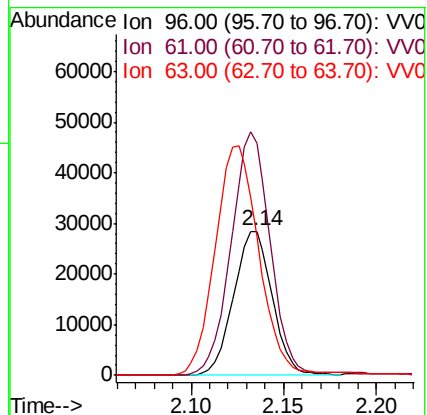
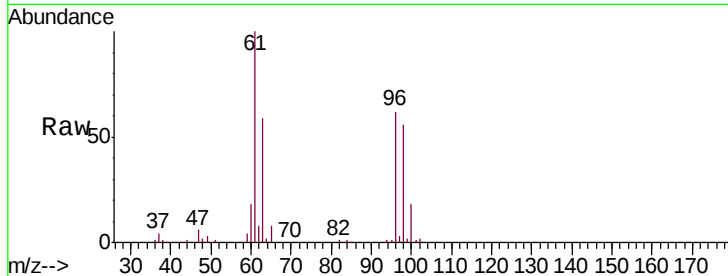
Tgt Ion: 96 Resp: 41170

Ion Ratio Lower Upper

96 100

61 161.4 117.5 218.3

63 96.0 82.8 153.8



#13

Acetone

Concen: 2.800 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV010876.D

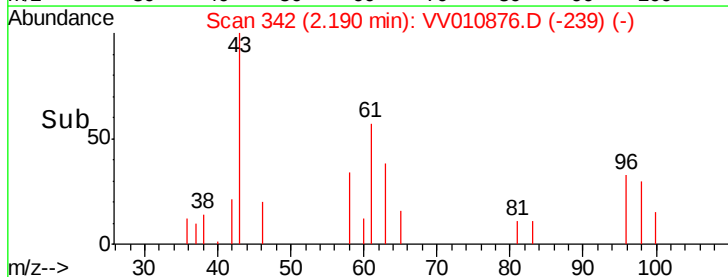
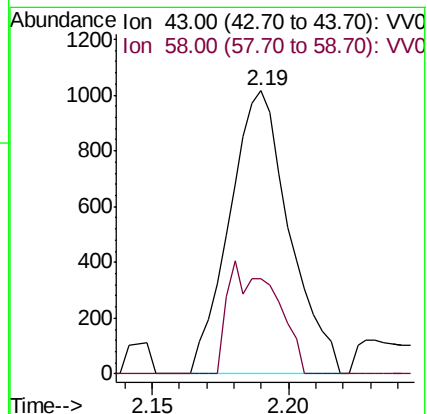
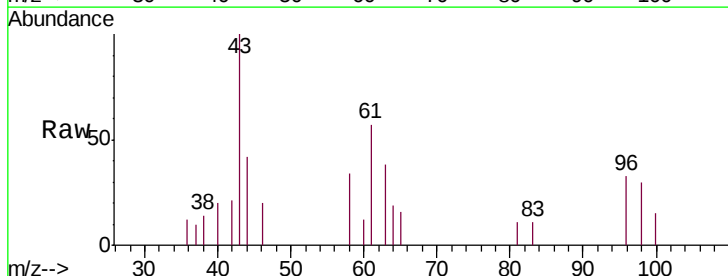
Acq: 14 May 2019 23:42

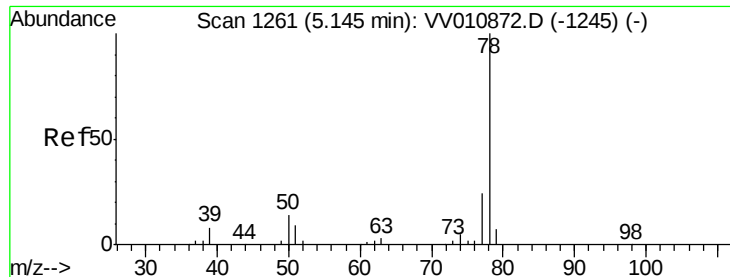
Tgt Ion: 43 Resp: 1549

Ion Ratio Lower Upper

43 100

58 19.5 0.0 69.2





#34

Benzene

Concen: 24.845 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VV010876.D

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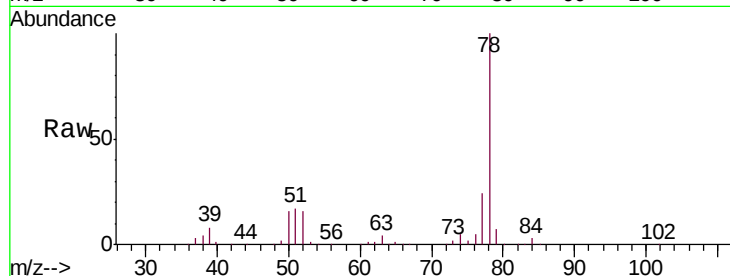
Instrument :

MSVOA_V

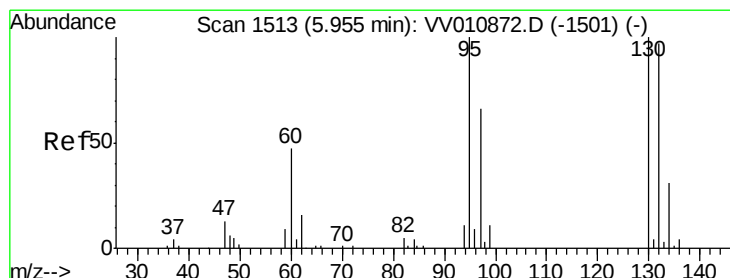
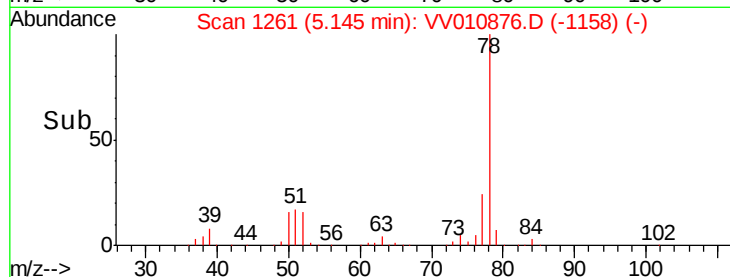
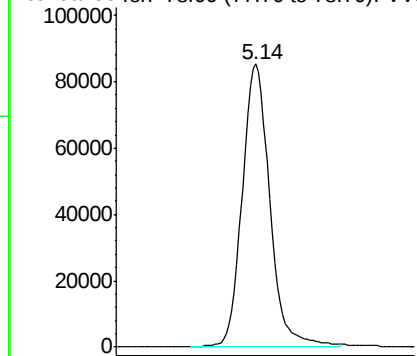
ClientSampleId :

DB875MSD

Tgt Ion: 78 Resp: 195799



Abundance Ion 78.00 (77.70 to 78.70): VV0



#35

Trichloroethene

Concen: 24.218 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV010876.D

Acq: 14 May 2019 23:42

Tgt Ion: 95 Resp: 49467

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.0	85.4
132	96.7	67.4	125.2
130	99.8	68.5	127.1

95 100

97 64.4 46.0 85.4

132 96.7 67.4 125.2

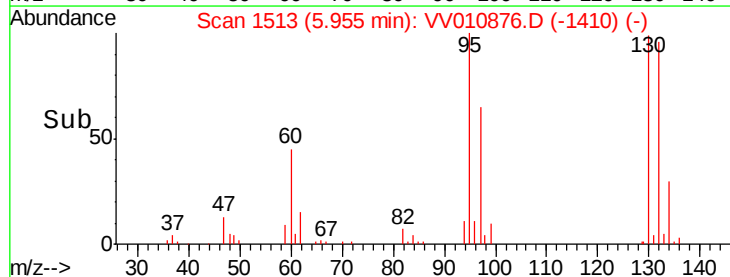
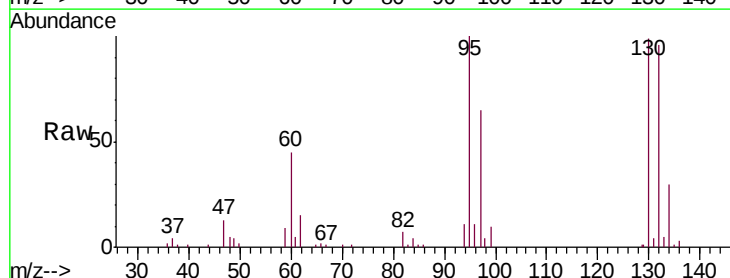
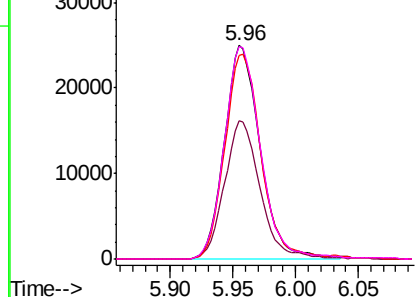
130 99.8 68.5 127.1

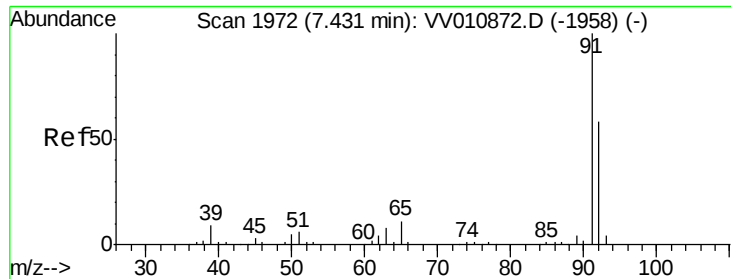
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 24.463 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV010876.D

Acq: 14 May 2019 23:42

Instrument :

MSVOA_V

ClientSampleId :

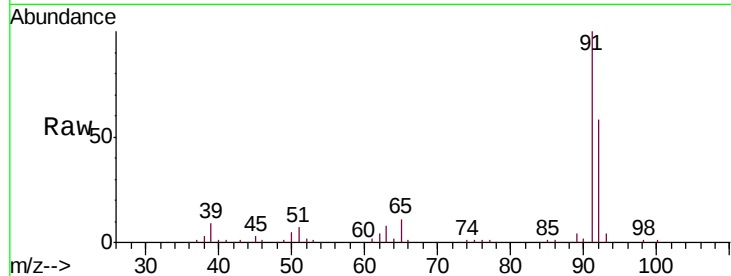
DB875MSD

Tgt Ion: 91 Resp: 214304

Ion Ratio Lower Upper

91 100

92 58.1 39.1 72.7



Abundance Ion 91.00 (90.70 to 91.70): VV010876.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010876.D (-1958) (-)

7.43

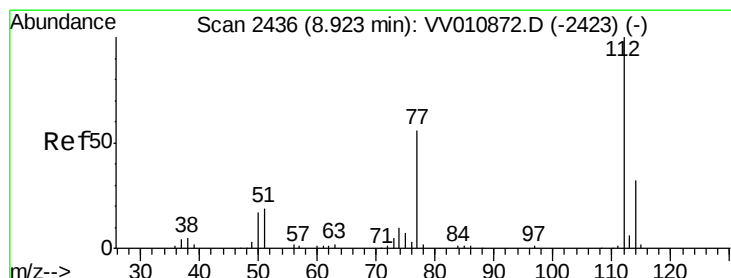
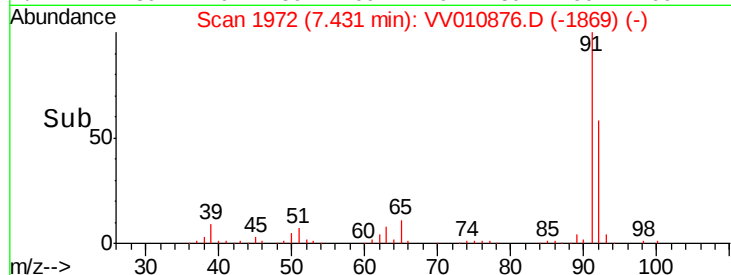
100000

50000

0

7.40 7.50

Time-->



#52

Chlorobenzene

Concen: 23.525 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV010876.D

Acq: 14 May 2019 23:42

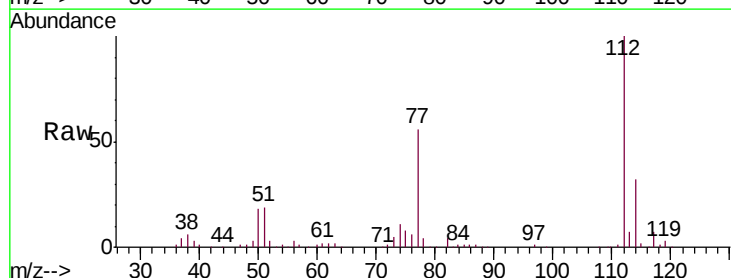
Tgt Ion: 112 Resp: 140357

Ion Ratio Lower Upper

112 100

77 56.1 45.4 68.0

114 32.1 22.4 41.6



Abundance Ion 112.00 (111.70 to 112.70): VV010876.D (-2423) (-)

Ion 77.00 (76.70 to 77.70): VV010876.D (-2423) (-)

Ion 114.00 (113.70 to 114.70): VV010876.D (-2423) (-)

8.92

100000

80000

60000

40000

20000

0

8.85 8.90 8.95 9.00 9.05

Time-->

