

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014336.D
 Acq On : 17 Jan 2020 14:24
 Operator : SY/MD
 Sample : L1169-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF765

Quant Time: Jan 17 23:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	725349	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	685514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322239	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210887	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.59	69	187481	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	255360	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.93	46	619411	50.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.40	84	470760	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	241936	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	985594	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	314471	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	871598	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.66	79	128044	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.13	63	591302	49.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	228472	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	298024	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

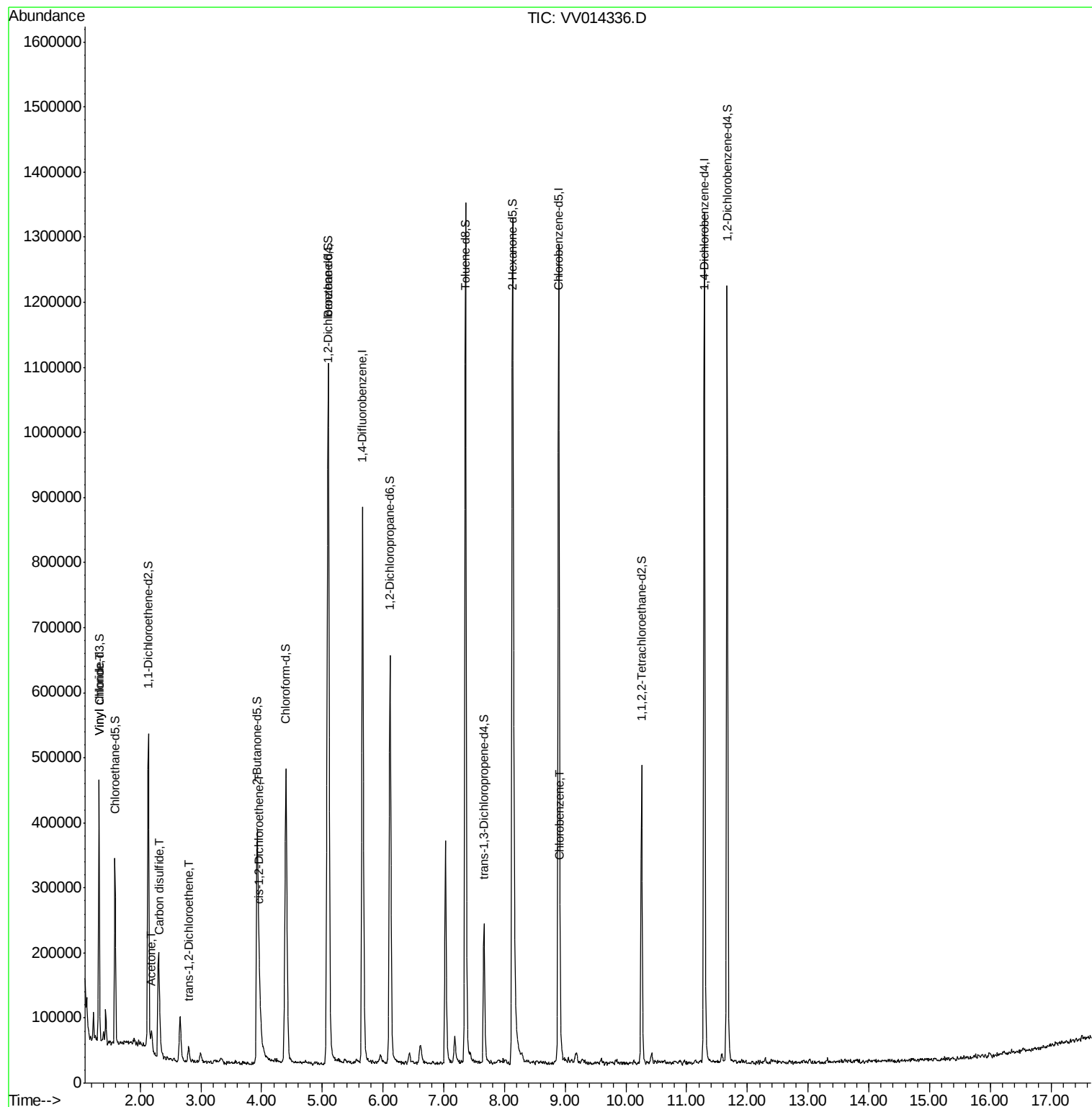
					Ovalue
5) Vinyl chloride	1.33	62	5110	0.101 ug/L #	14
13) Acetone	2.19	43	22208	2.645 ug/L	99
14) Carbon disulfide	2.32	76	34726	0.241 ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	7414	0.152 ug/L	76
22) cis-1,2-Dichloroethene	3.97	96	19252	0.361 ug/L #	85
51) Chlorobenzene	8.92	112	13171	0.096 ug/L	95

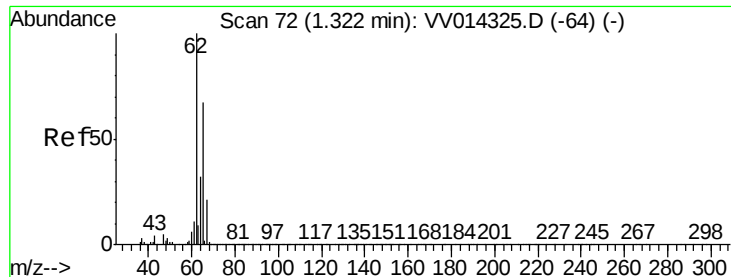
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.101 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

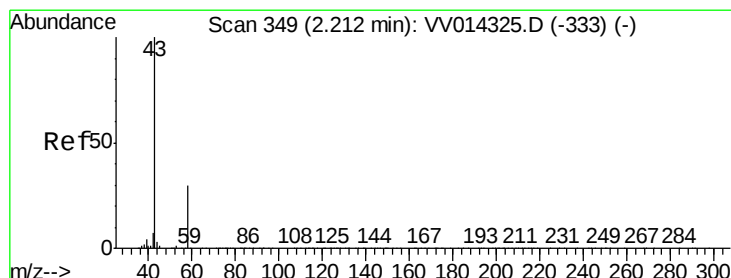
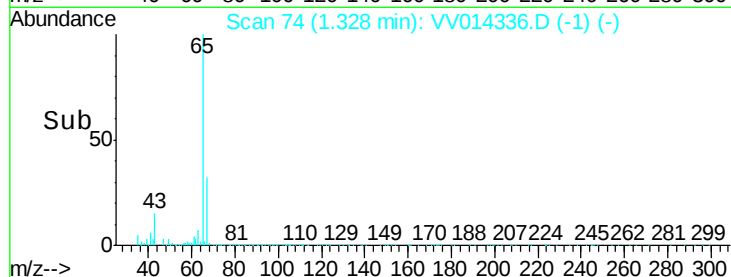
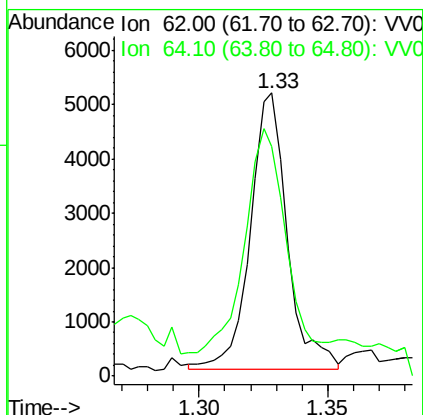
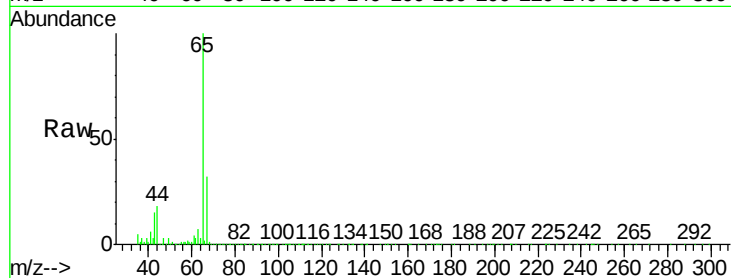
BF765

Tot Ion: 62 Resp: 5110

Ion Ratio Lower Upper

62 100

64 81.1 23.0 42.6#



#13

Acetone

Concen: 2.645 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV014336.D

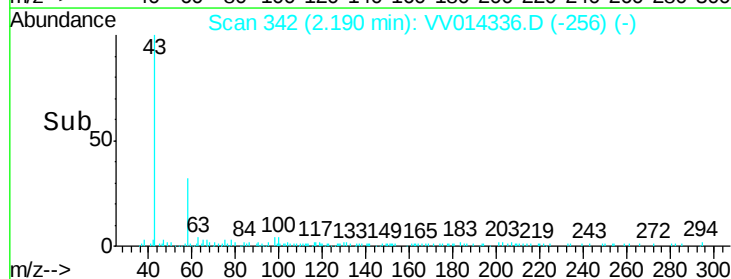
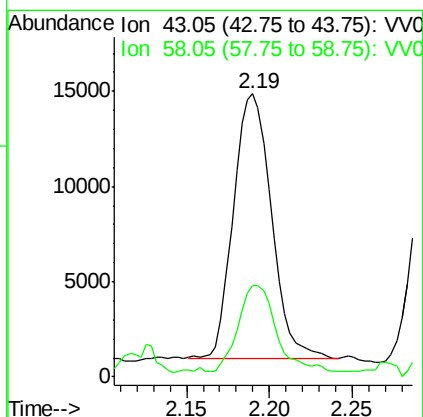
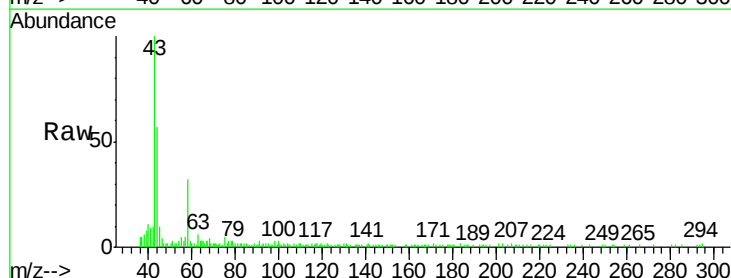
Acq: 17 Jan 2020 14:24

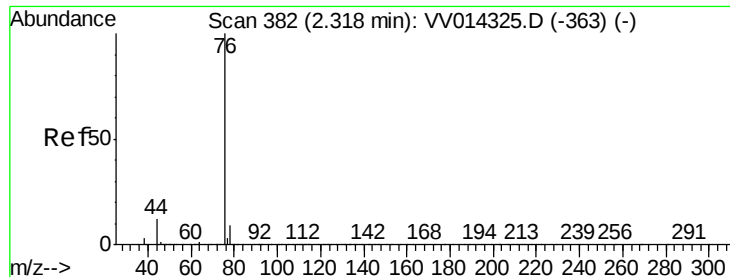
Tgt Ion: 43 Resp: 22208

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.0





#14

Carbon disulfide

Concen: 0.241 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampled :

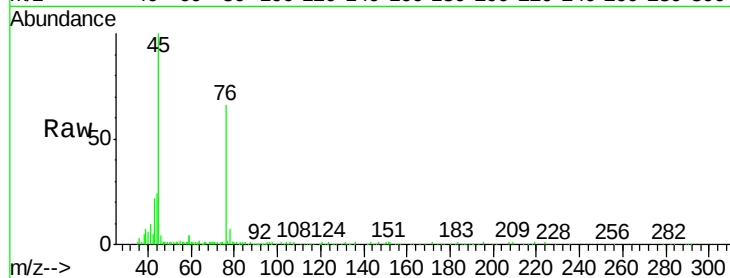
BF765

Tot Ion: 76 Resp: 34726

Ion Ratio Lower Upper

76 100

78 10.4 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

25000

20000

15000

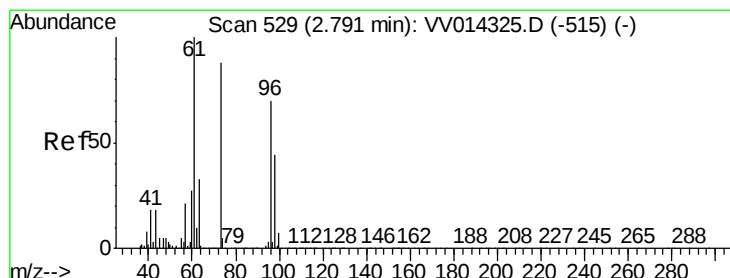
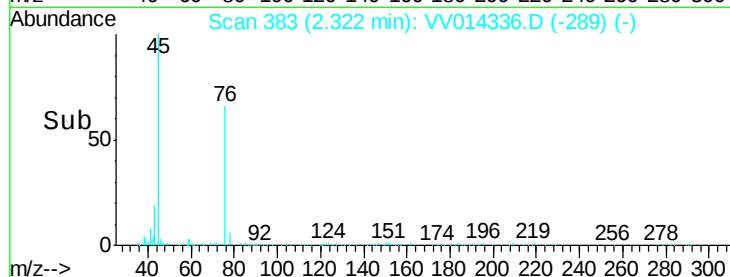
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#18

trans-1,2-Dichloroethene

Concen: 0.152 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

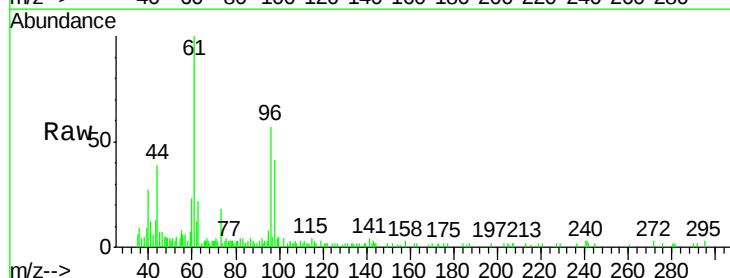
Tgt Ion: 96 Resp: 7414

Ion Ratio Lower Upper

96 100

61 176.3 99.2 184.2

98 72.8 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

10000

8000

6000

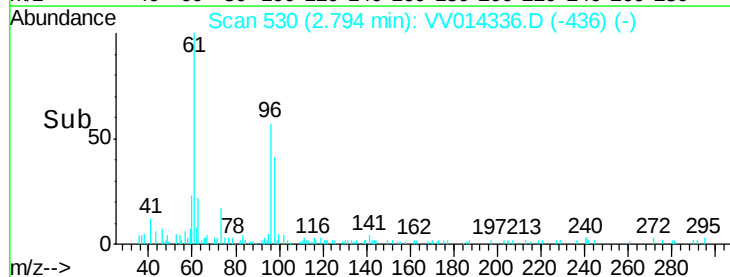
4000

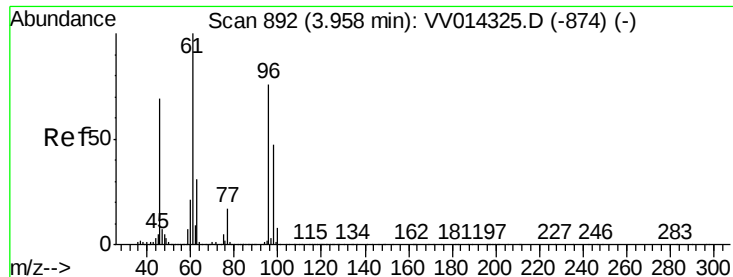
2000

0

Time-->

2.75 2.80 2.85





#22

cis-1,2-Dichloroethene

Concen: 0.361 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

BF765

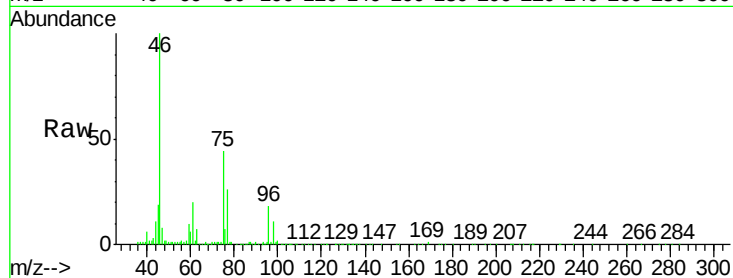
Tot Ion: 96 Resp: 19252

Ion Ratio Lower Upper

96 100

61 112.6 90.6 168.3

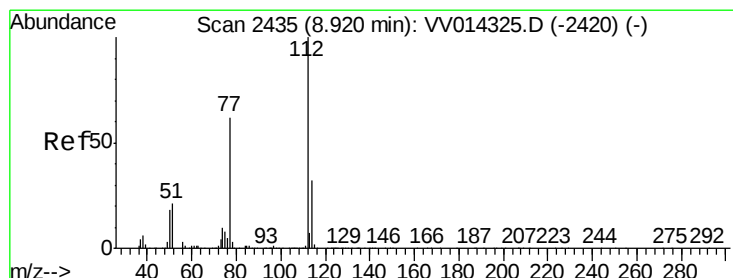
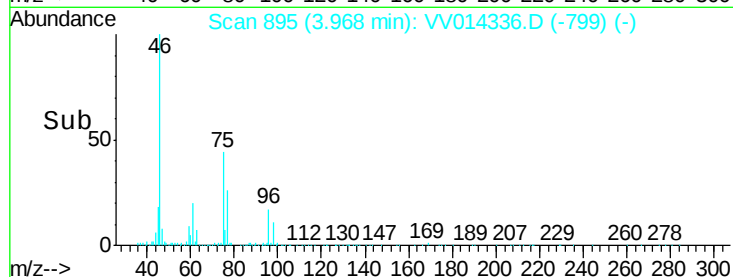
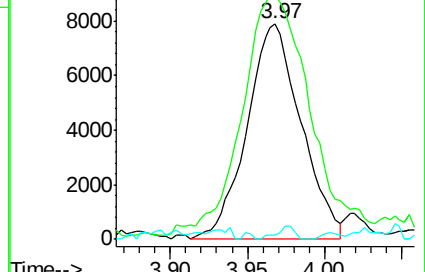
68 2.1 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VV014336.D (-799) (-)

Ion 61.05 (60.75 to 61.75): VV014336.D (-799) (-)

Ion 68.15 (67.85 to 68.85): VV014336.D (-799) (-)



#51

Chlorobenzene

Concen: 0.096 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

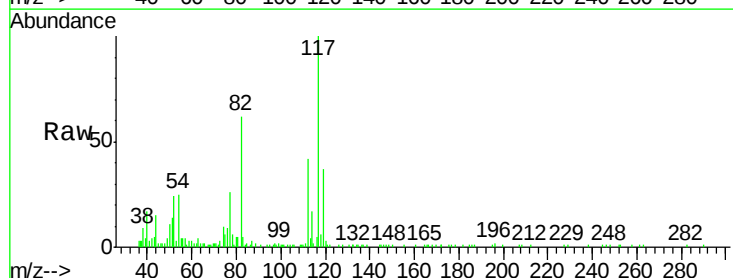
Tgt Ion: 112 Resp: 13171

Ion Ratio Lower Upper

112 100

114 39.0 22.5 41.7

77 60.2 49.3 73.9



Abundance Ion 112.10 (111.80 to 112.80): VV014336.D (-2342) (-)

Ion 114.05 (113.75 to 114.75): VV014336.D (-2342) (-)

Ion 77.10 (76.80 to 77.80): VV014336.D (-2342) (-)

