

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017782.D
 Acq On : 31 Jul 2020 18:23
 Operator : SY/MD
 Sample : L3520-05MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 D0AB8MS

Quant Time: Aug 01 06:12:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 01 04:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	147440	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143529	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26813	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.58	69	26685	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	62091	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.93	46	67998	40.37	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.74%
24) Chloroform-d	4.37	84	68174	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.06	65	41724	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.07	84	124083	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.09	67	33577	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.40%
41) Toluene-d8	7.34	98	105803	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
45) trans-1,3-Dichloropropene-	7.65	79	15235	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
48) 2-Hexanone-d5	8.11	63	41886	33.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.82%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22483	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	48156	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

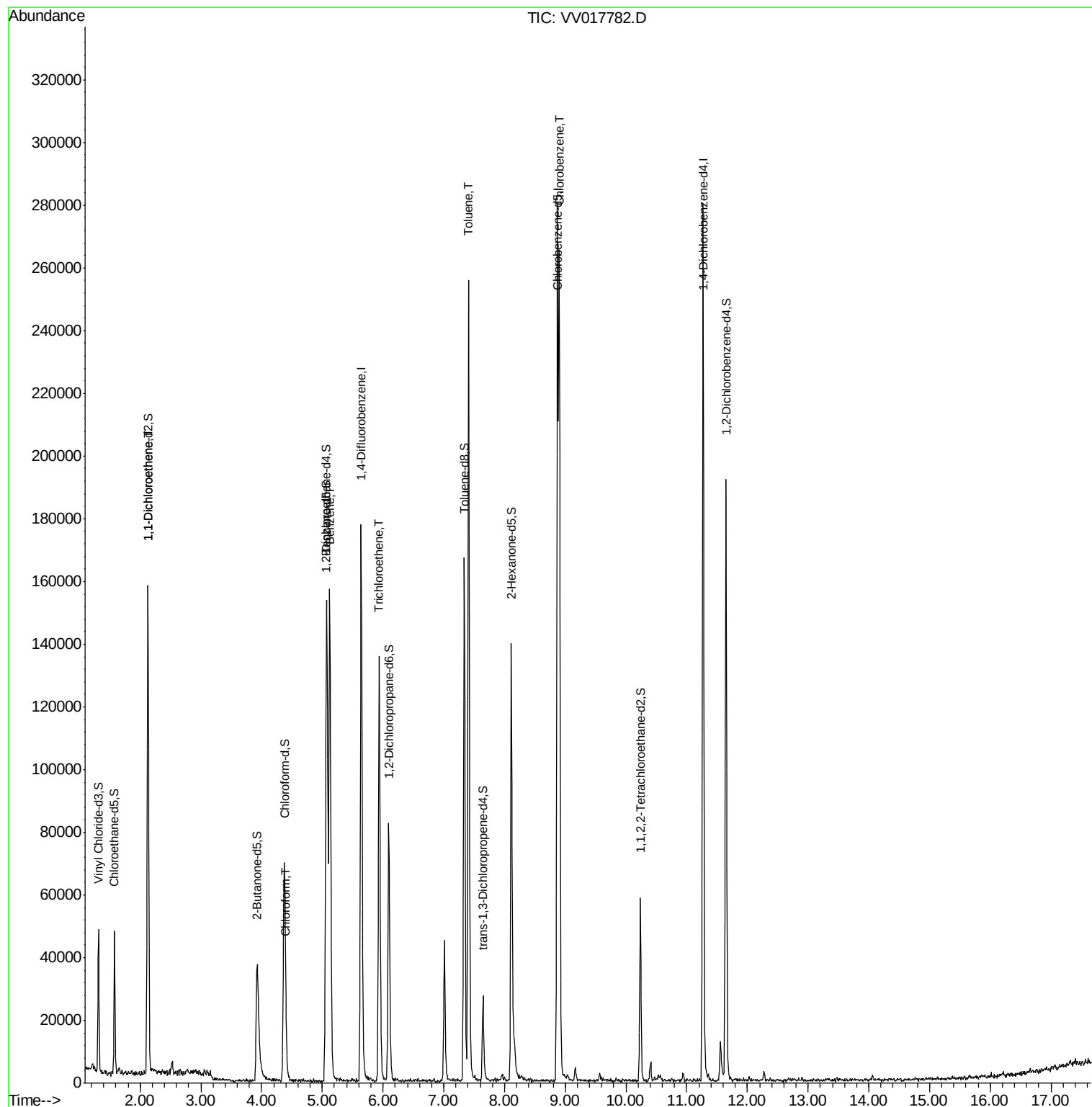
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	28535	3.594	ug/L	84
25) Chloroform	4.41	83	5859	0.287	ug/L	94
33) Benzene	5.12	78	149946	3.691	ug/L	100
34) Trichloroethene	5.94	95	44041	3.881	ug/L	98
42) Toluene	7.41	91	179541	4.051	ug/L	98
53) Chlorobenzene	8.90	112	133680	4.524	ug/L	97

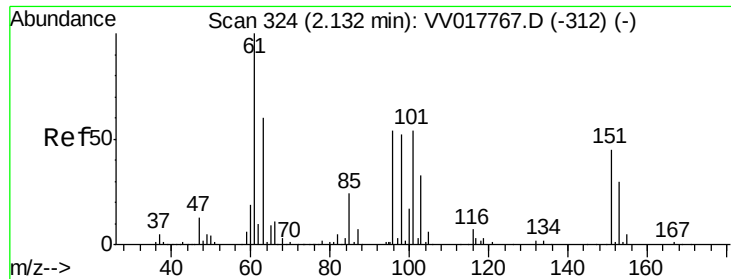
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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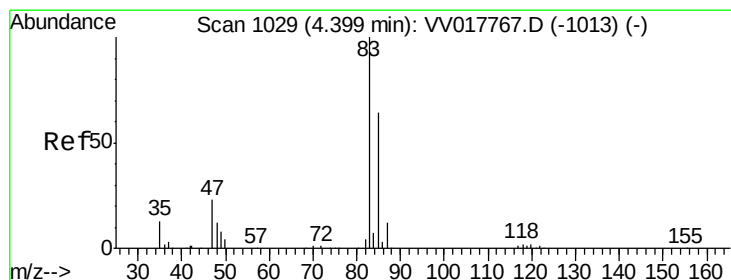
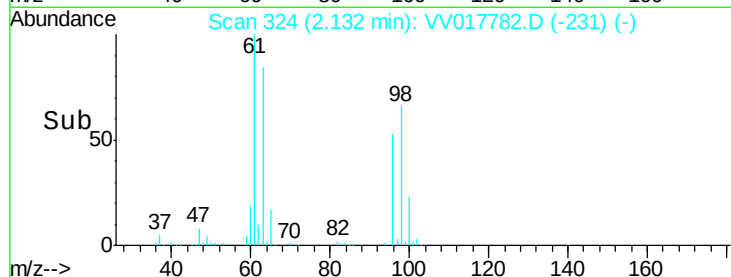
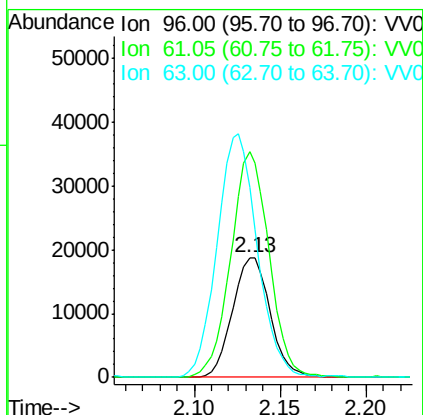
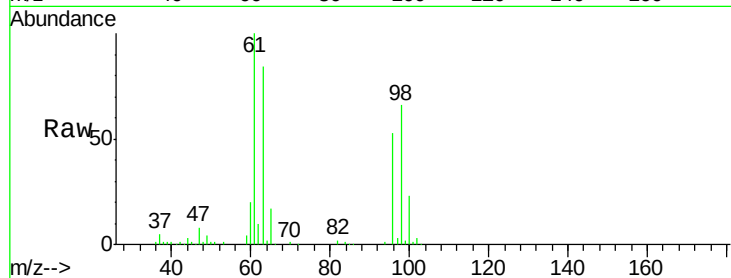




#12
 1,1-Dichloroethene
 Concen: 3.594 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. 0.00 min
 Lab File: VV017782.D
 Acq: 31 Jul 2020 18:23

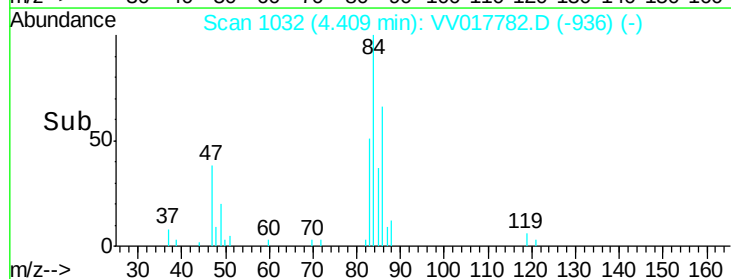
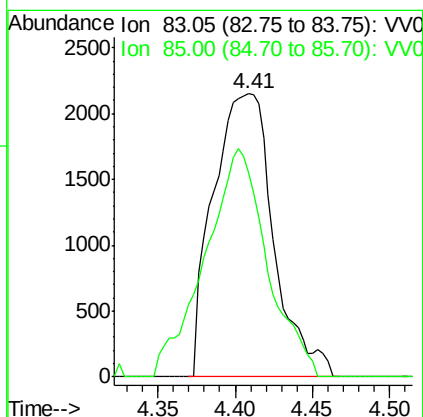
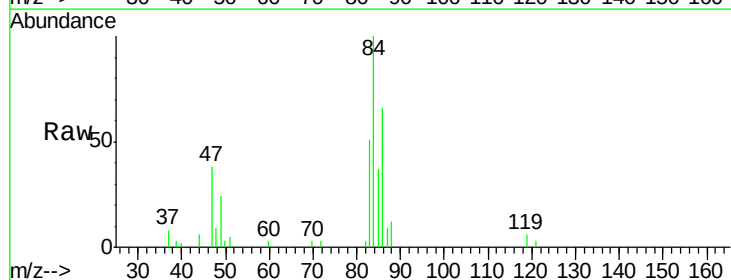
Instrument :
 MSVOA_V
 ClientSampleId :
 D0AB8MS

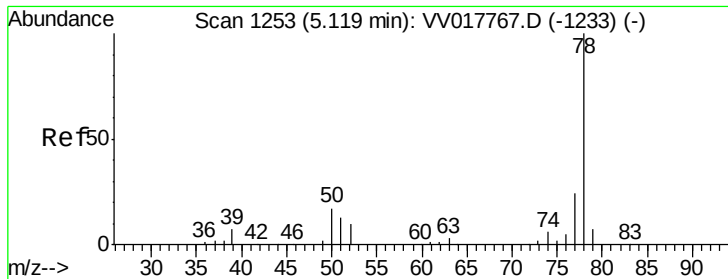
Tot Ion: 96 Resp: 28535
 Ion Ratio Lower Upper
 96 100
 61 188.3 123.1 228.7
 63 159.1 91.2 169.4



#25
 Chloroform
 Concen: 0.287 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VV017782.D
 Acq: 31 Jul 2020 18:23

Tgt Ion: 83 Resp: 5859
 Ion Ratio Lower Upper
 83 100
 85 72.3 47.3 87.9





#33

Benzene

Concen: 3.691 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV017782.D

Acq: 31 Jul 2020 18:23

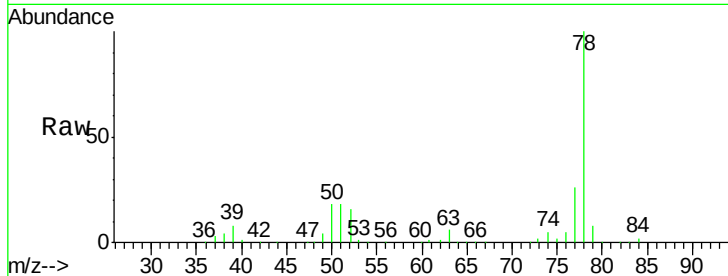
Instrument :

MSVOA_V

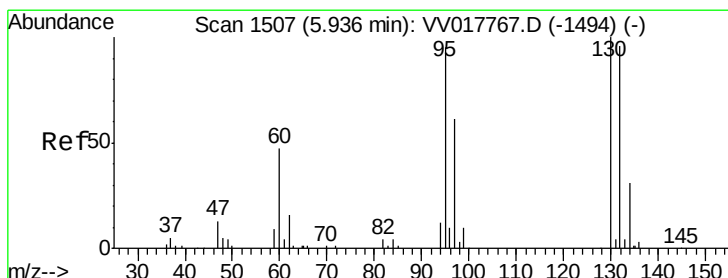
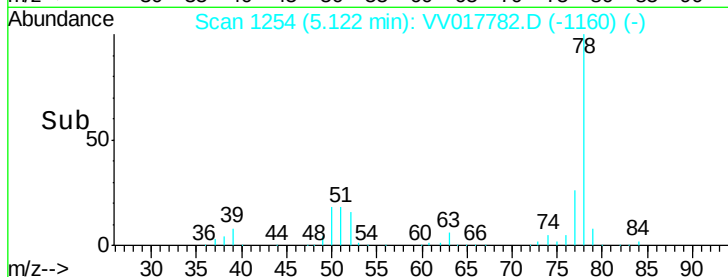
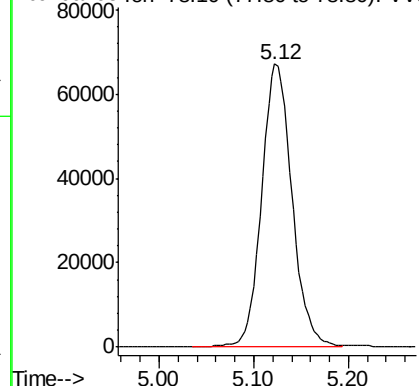
ClientSampleId :

D0AB8MS

Tgt Ion: 78 Resp: 149946



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 3.881 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017782.D

Acq: 31 Jul 2020 18:23

Tgt Ion: 95 Resp: 44041

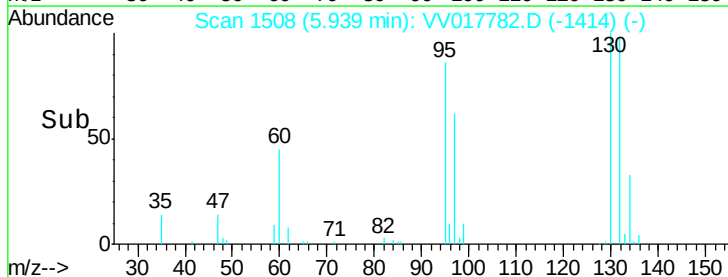
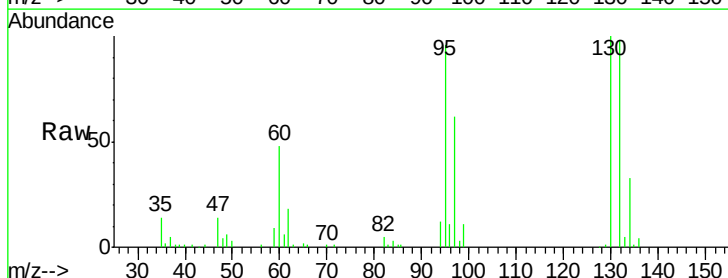
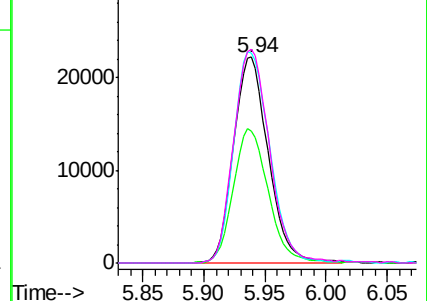
Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.1	85.5
132	101.8	71.7	133.1
130	103.7	74.3	137.9

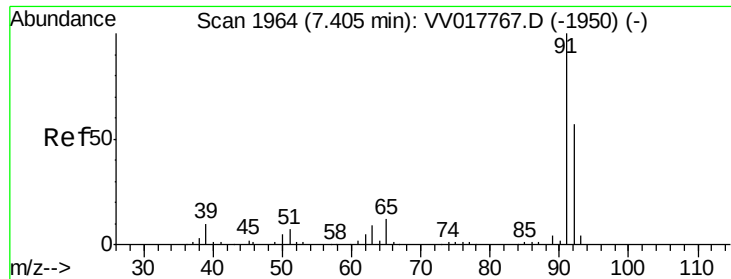
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 4.051 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017782.D

Acq: 31 Jul 2020 18:23

Instrument :

MSVOA_V

ClientSampleId :

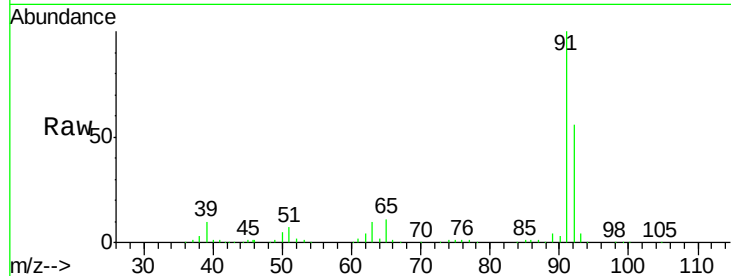
D0AB8MS

Tot Ion: 91 Resp: 179541

Ion Ratio Lower Upper

91 100

92 56.5 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV017767.D (-1950) (-)

Ion 92.15 (91.85 to 92.85): VV017767.D (-1950) (-)

7.41

120000

100000

80000

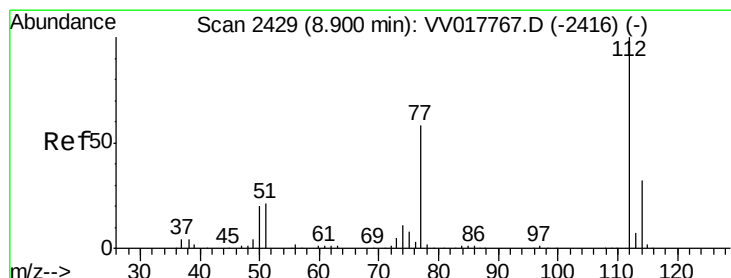
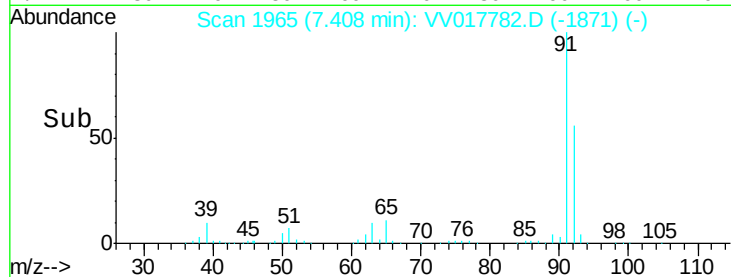
60000

40000

20000

0

Time-->



#53

Chlorobenzene

Concen: 4.524 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV017782.D

Acq: 31 Jul 2020 18:23

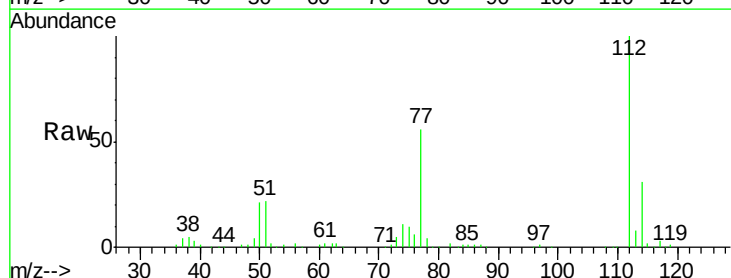
Tgt Ion: 112 Resp: 133680

Ion Ratio Lower Upper

112 100

114 31.2 23.2 43.2

77 55.6 45.6 68.4



Abundance Ion 112.10 (111.80 to 112.80): VV017767.D (-2416) (-)

Ion 114.05 (113.75 to 114.75): VV017767.D (-2416) (-)

Ion 77.10 (76.80 to 77.80): VV017767.D (-2416) (-)

8.90

100000

80000

60000

40000

20000

0

Time-->

