

Data File : VW014220.D
Acq On : 05 Dec 2019 18:23
Operator : SY/VA
Sample : K6149-03MS
Misc : 4.48G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBBL1MS

Quant Time: Dec 06 06:53:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1378659	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1211753	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	537308	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	498575	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.52%
7) Chloroethane-d5	2.89	69	362971	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
10) 1,1-Dichloroethene-d2	4.02	63	880309	23.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.48%
20) 2-Butanone-d5	7.07	46	205983	37.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.72%
24) Chloroform-d	7.64	84	804787	22.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	8.30	65	411365	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.40%
29) Benzene-d6	8.27	84	1777368	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	9.27	67	533451	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
37) Toluene-d8	10.32	98	1583335	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.64%
38) trans-1,3-Dichloropropene-	10.57	79	206569	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.12%
39) 2-Hexanone-d5	10.92	63	162268	37.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	359441	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	486489	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

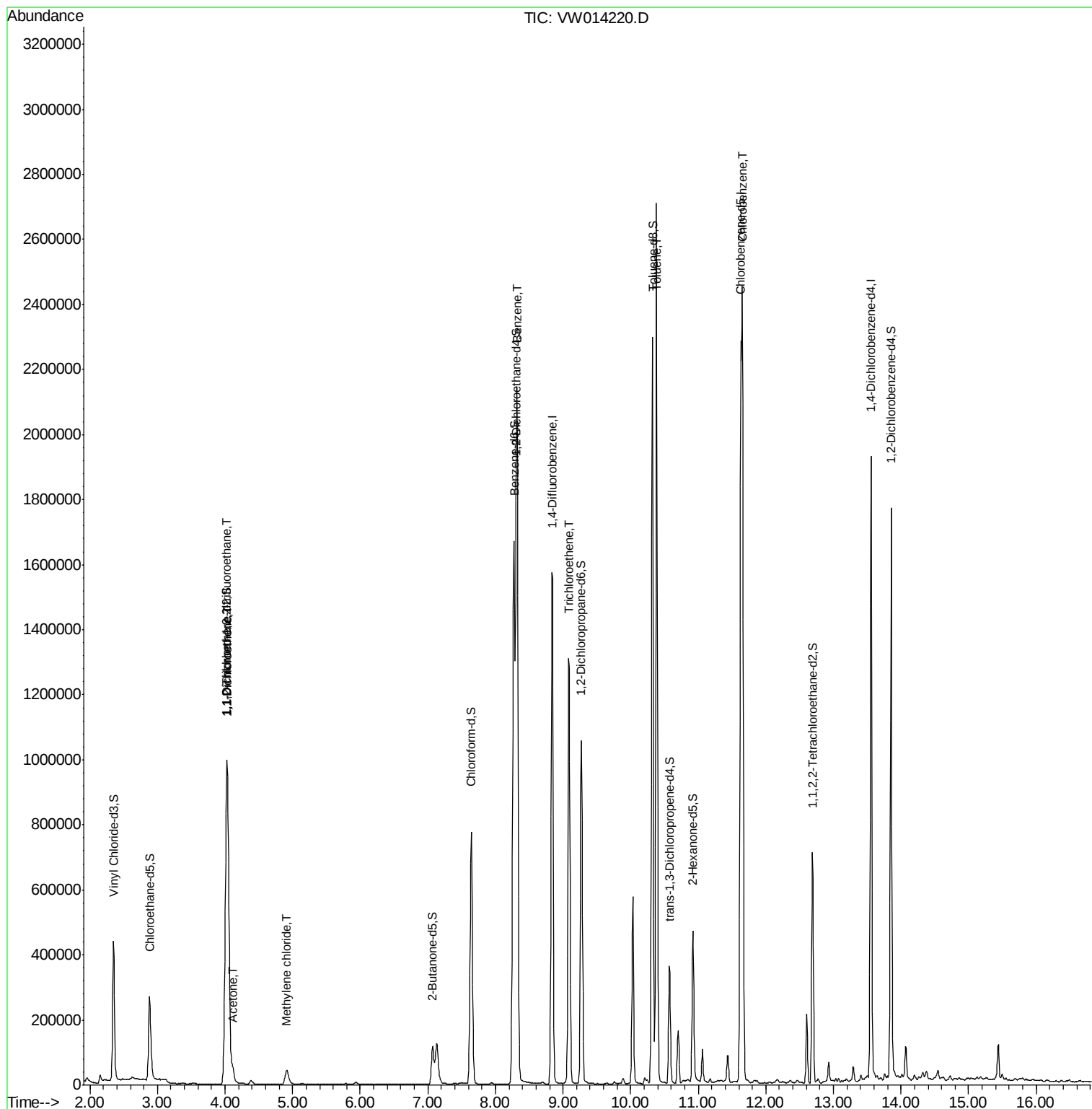
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	9234	0.508 ug/L	# 17
12) 1,1-Dichloroethene	4.04	96	419880	22.807 ug/L	83
13) Acetone	4.12	43	62538	11.923 ug/L	98
16) Methylene chloride	4.92	84	39620	1.875 ug/L	92
34) Benzene	8.32	78	1911935	24.919 ug/L	100
35) Trichloroethene	9.09	95	478278	24.363 ug/L	96
44) Toluene	10.38	91	2019910	25.111 ug/L	98
52) Chlorobenzene	11.65	112	1250576	24.055 ug/L	95

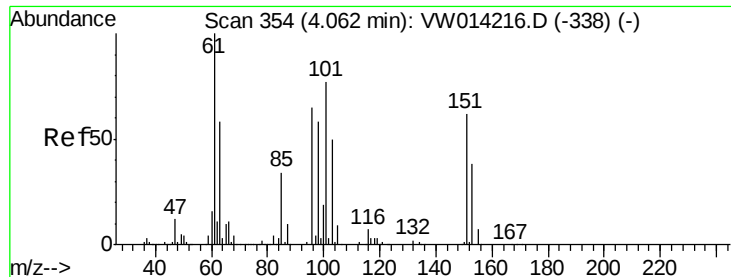
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.508 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.04 min

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Acq: 05 Dec 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

DBBL1MS

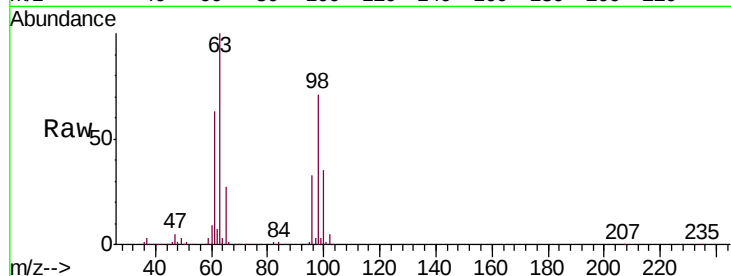
Tgt Ion: 101 Resp: 9234

Ion Ratio Lower Upper

101 100

85 1.0 31.4 47.2#

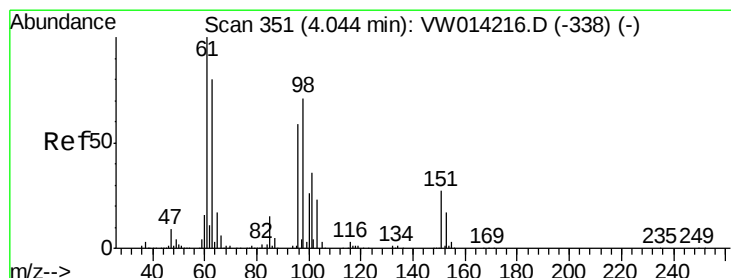
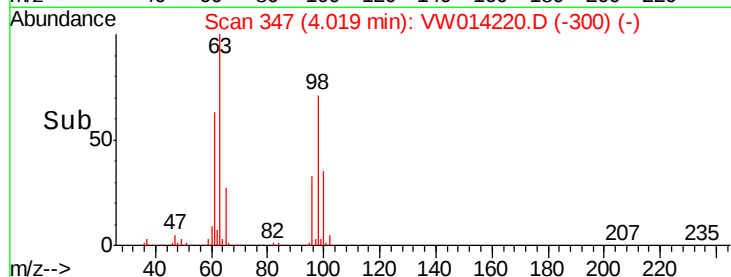
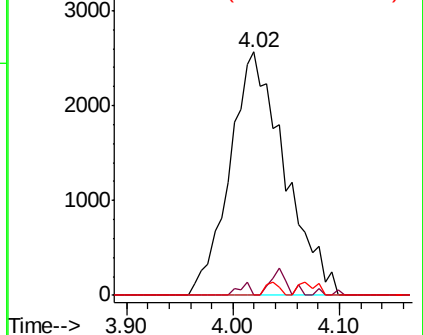
151 0.0 66.9 100.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 22.807 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW014220.D

Acq: 05 Dec 2019 18:23

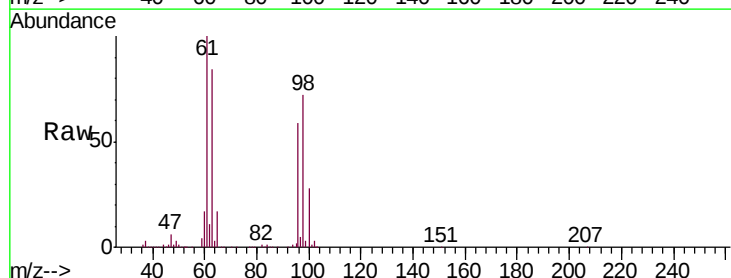
Tgt Ion: 96 Resp: 419880

Ion Ratio Lower Upper

96 100

61 170.3 109.8 204.0

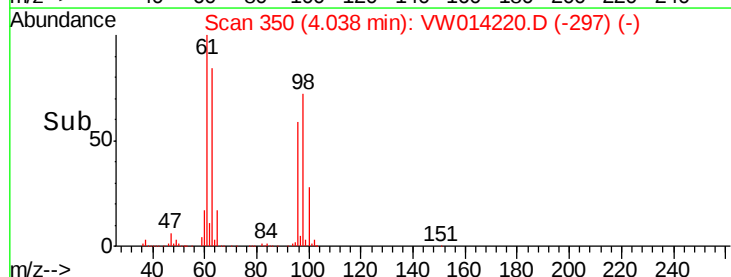
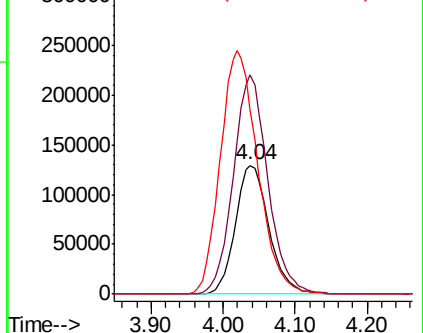
63 143.1 80.7 149.9

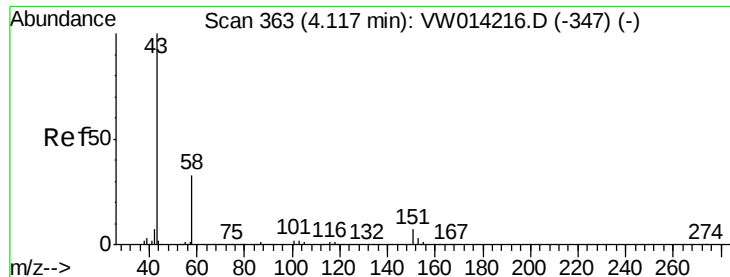


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 11.923 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

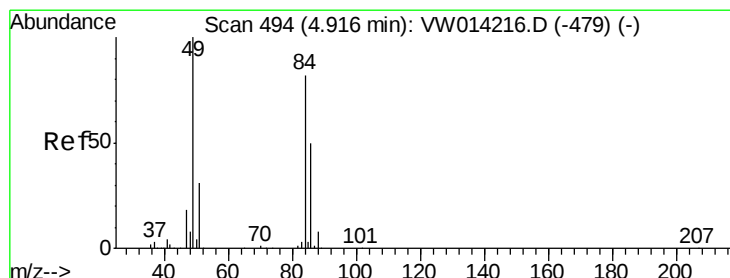
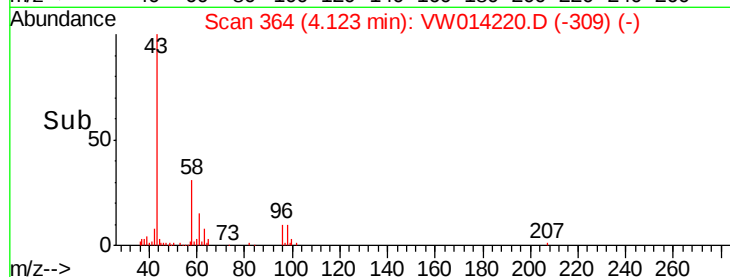
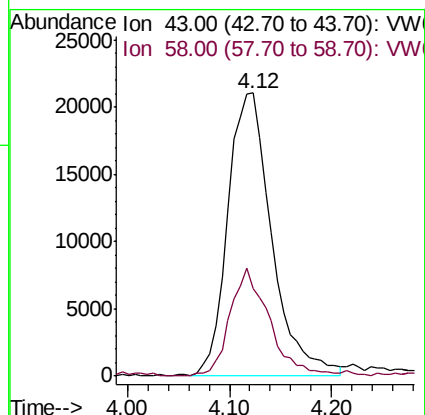
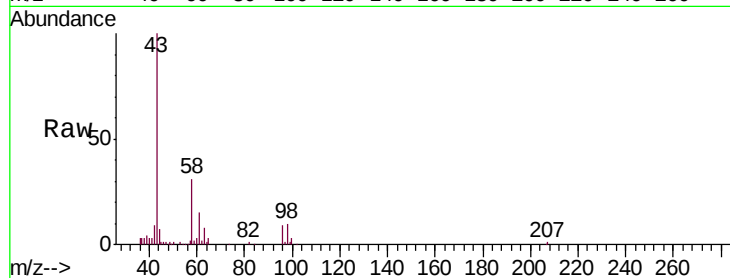
DBBL1MS

Tgt Ion: 43 Resp: 62538

Ion Ratio Lower Upper

43 100

58 33.8 0.0 65.4



#16

Methylene chloride

Concen: 1.875 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW014220.D

Acq: 05 Dec 2019 18:23

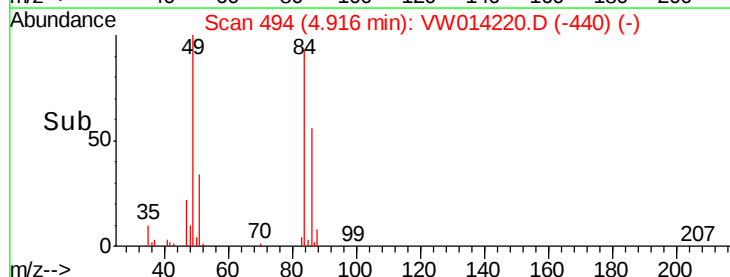
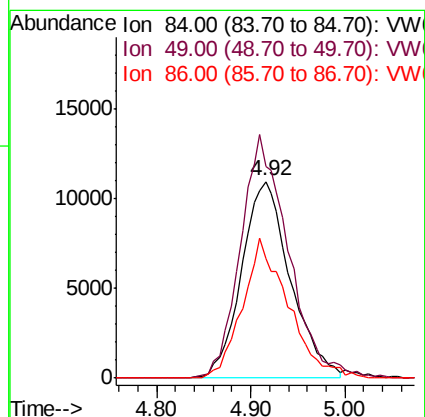
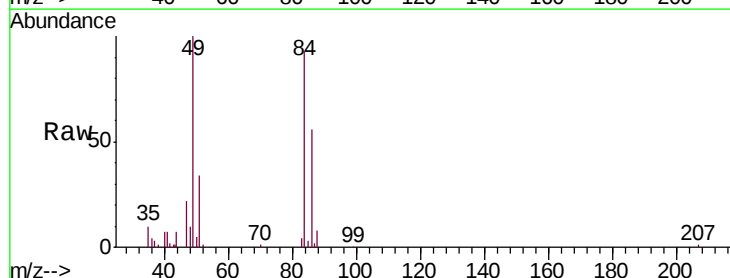
Tgt Ion: 84 Resp: 39620

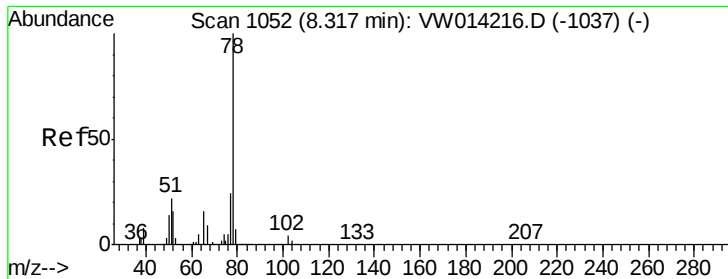
Ion Ratio Lower Upper

84 100

49 107.9 84.2 156.4

86 60.9 43.7 81.1





#34

Benzene

Concen: 24.919 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW014220.D

Acq: 05 Dec 2019 18:23

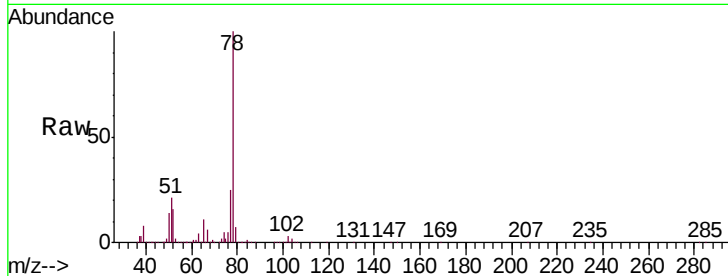
Instrument :

MSVOA_W

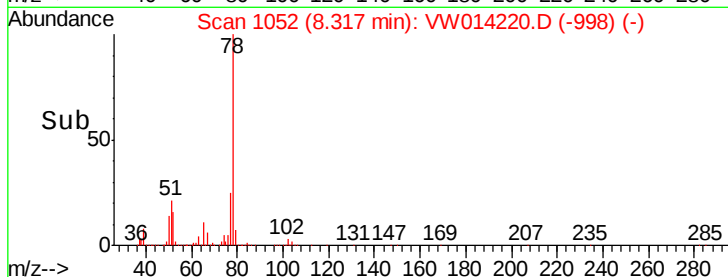
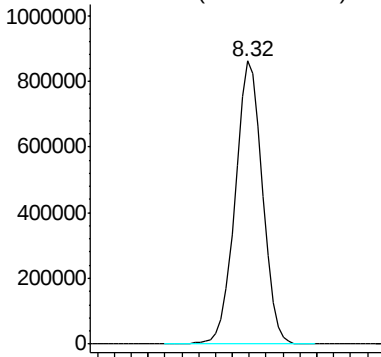
ClientSampleId :

DBBL1MS

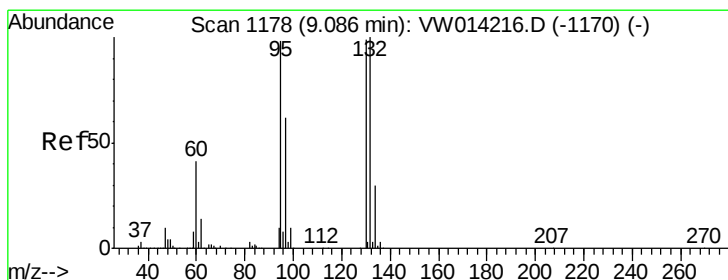
Tgt Ion: 78 Resp: 1911935



Abundance Ion 78.00 (77.70 to 78.70): VW



Time-->



#35

Trichloroethene

Concen: 24.363 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014220.D

Acq: 05 Dec 2019 18:23

Tgt Ion: 95 Resp: 478278

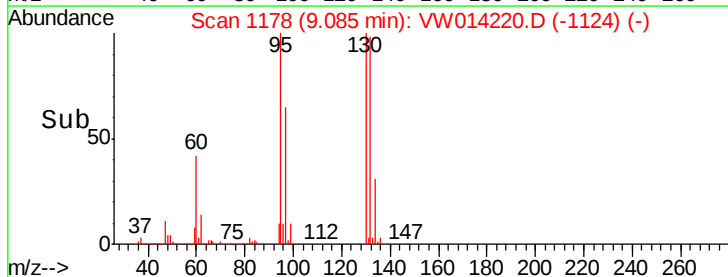
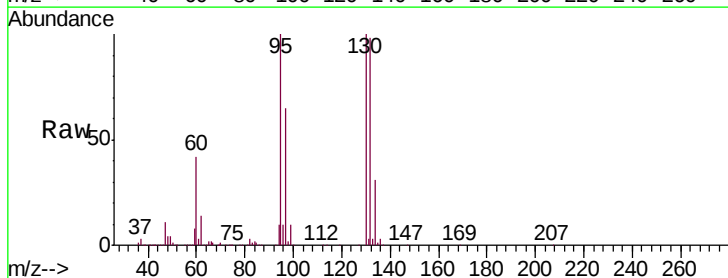
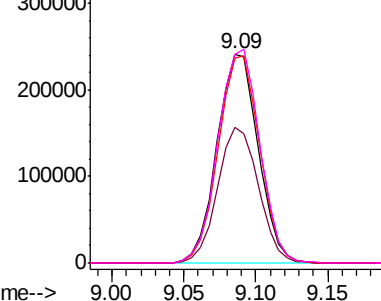
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.1	83.9
132	99.6	73.7	136.9
130	104.1	76.6	142.2

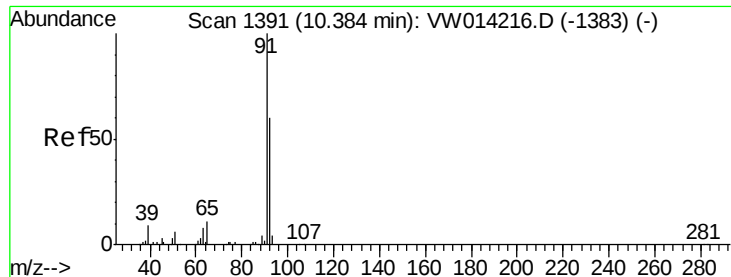
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 25.111 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014220.D

Acq: 05 Dec 2019 18:23

Instrument :

MSVOA_W

ClientSampleId :

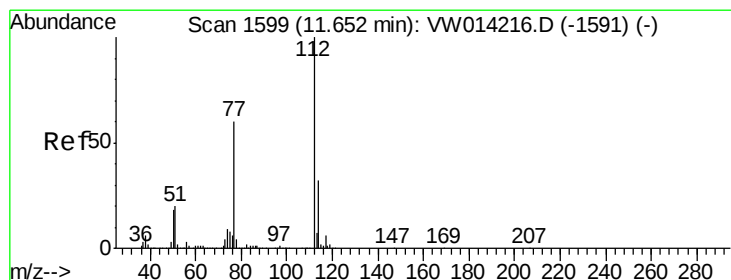
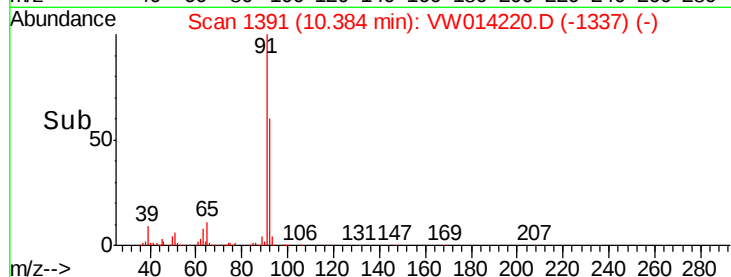
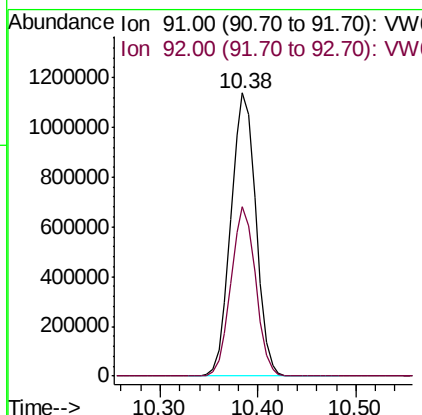
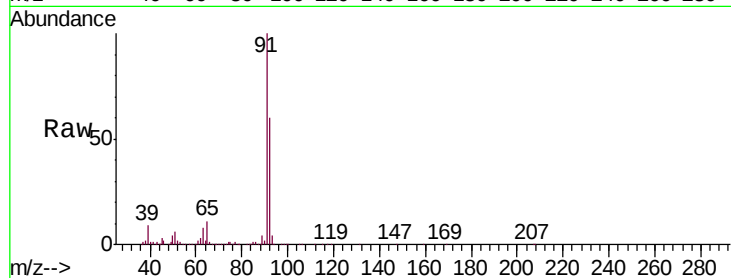
DBBL1MS

Tgt Ion: 91 Resp: 2019910

Ion Ratio Lower Upper

91 100

92 59.9 40.7 75.7



#52

Chlorobenzene

Concen: 24.055 ug/L

RT: 11.65 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VW014220.D

Acq: 05 Dec 2019 18:23

Tgt Ion: 112 Resp: 1250576

Ion Ratio Lower Upper

112 100

77 58.1 42.2 63.4

114 31.7 22.5 41.9

