

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120519\
 Data File : VW014221.D
 Acq On : 05 Dec 2019 18:49
 Operator : SY/VA
 Sample : K6149-04MSD
 Misc : 4.82G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBL1MSD

Manual Integrations
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 12/6/2019 2:55:47 PM

Quant Time: Dec 06 07:22:57 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	1379667	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1200891	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	534731	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	450175	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
7) Chloroethane-d5	2.89	69	327423	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.32%
10) 1,1-Dichloroethene-d2	4.02	63	790214	21.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.64%
20) 2-Butanone-d5	7.07	46	180757	33.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.40%
24) Chloroform-d	7.64	84	708821	20.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.72%
26) 1,2-Dichloroethane-d4	8.31	65	361982	19.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.60%
29) Benzene-d6	8.27	84	1557166	22.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.48%
33) 1,2-Dichloropropane-d6	9.27	67	467936	21.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.44%
37) Toluene-d8	10.32	98	1406811	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.44%
38) trans-1,3-Dichloropropene-	10.58	79	178986	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.80%
39) 2-Hexanone-d5	10.92	63	146985	34.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	318936	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	436560	21.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.48%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	386439	20.975 ug/L	83
13) Acetone	4.12	43	66208	12.613 ug/L	100
16) Methylene chloride	4.91	84	36831m	1.741 ug/L	
21) 2-Butanone	7.17	43	18820m	2.671 ug/L	
34) Benzene	8.32	78	1736042	22.831 ug/L	100
35) Trichloroethene	9.09	95	434890	22.354 ug/L	97
44) Toluene	10.38	91	1826482	22.912 ug/L	98
52) Chlorobenzene	11.66	112	1130330	21.939 ug/L	98

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

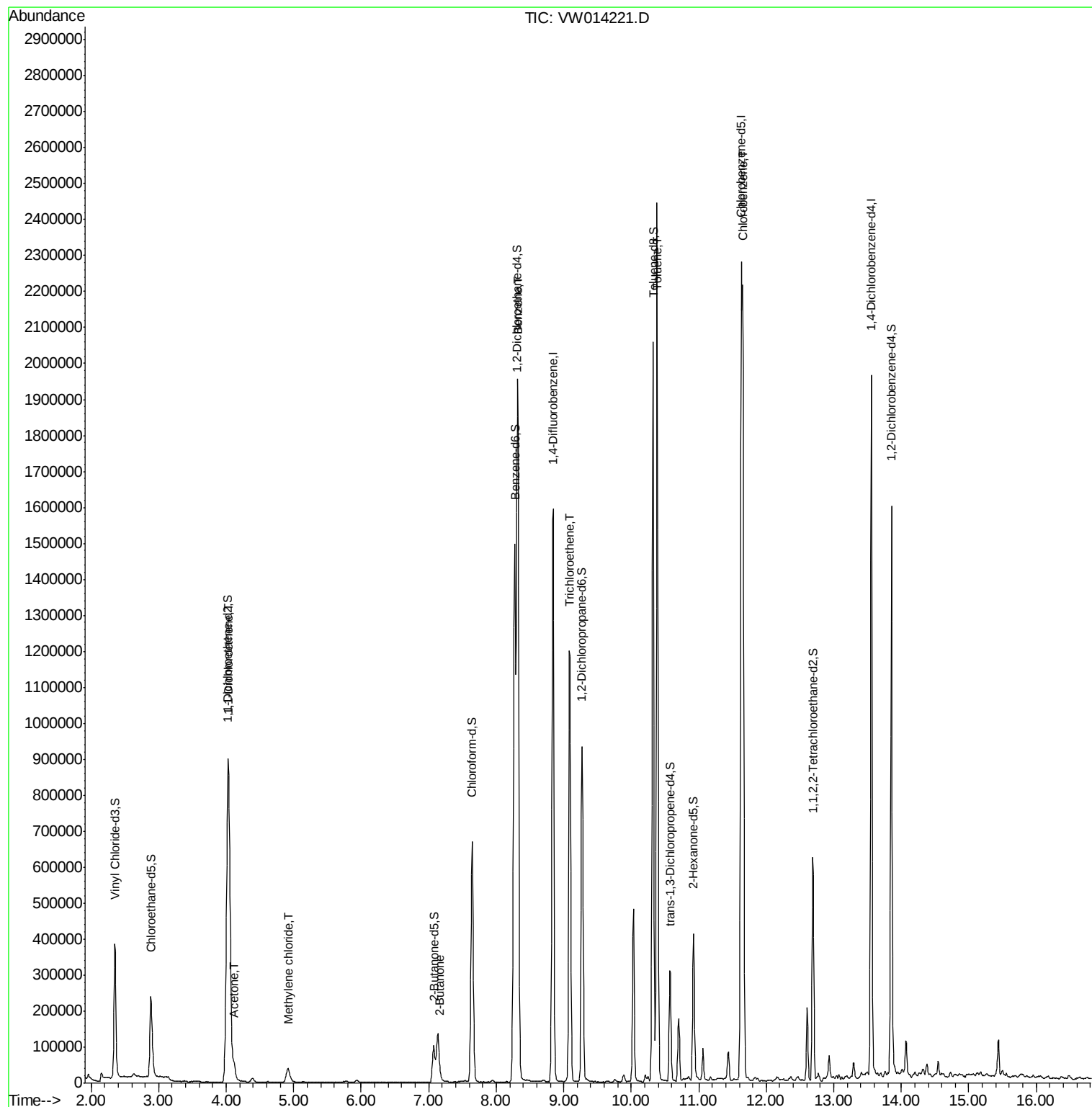
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120519\
Data File : VW014221.D
Acq On : 05 Dec 2019 18:49
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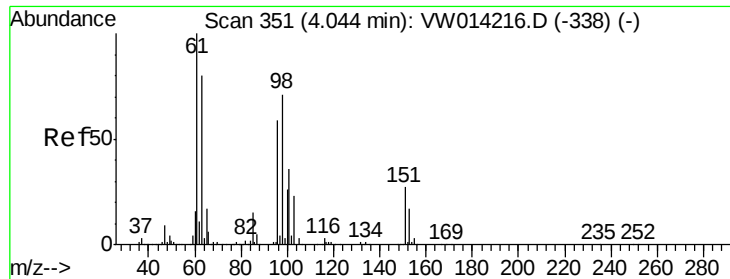
Instrument :
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QLast Update : Fri Dec 06 06:50:50 2019
Response via : Initial Calibration





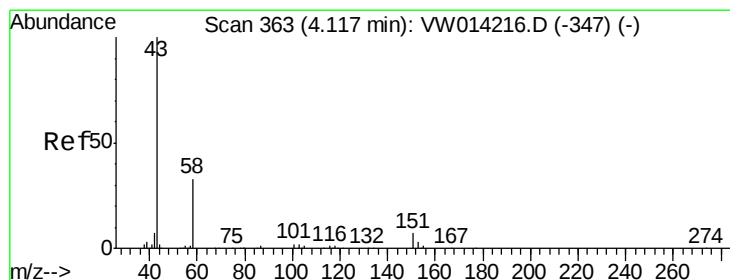
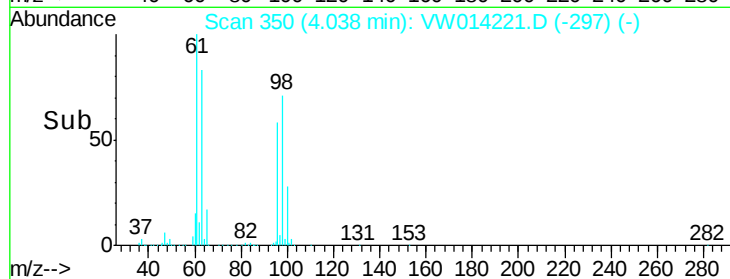
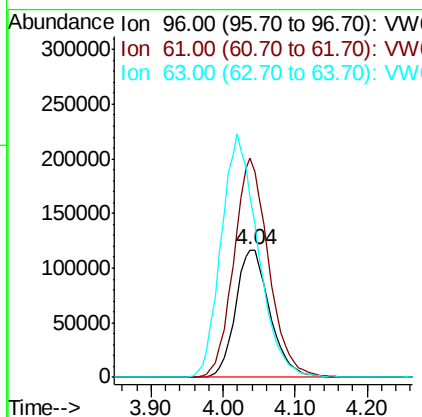
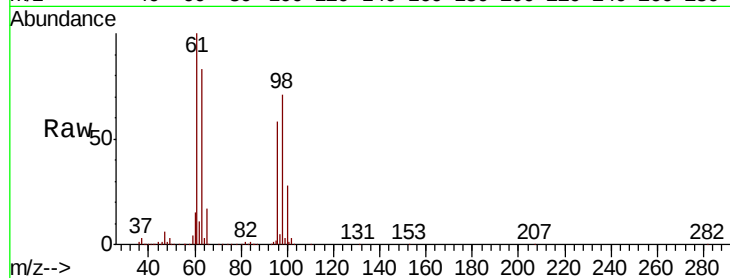
#12
 1,1-Dichloroethene
 Concen: 20.975 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW014221.D
 Acq: 05 Dec 2019 18:49

Instrument :
 MSVOA_W
 ClientSampleId :
 DBBL1MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	171.8	109.8	204.0
63	142.1	80.7	149.9

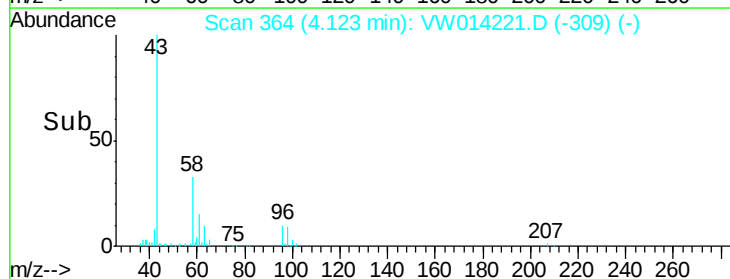
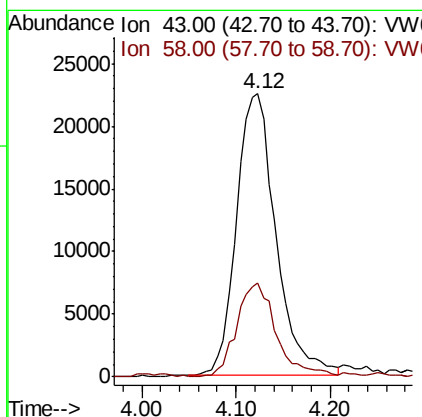
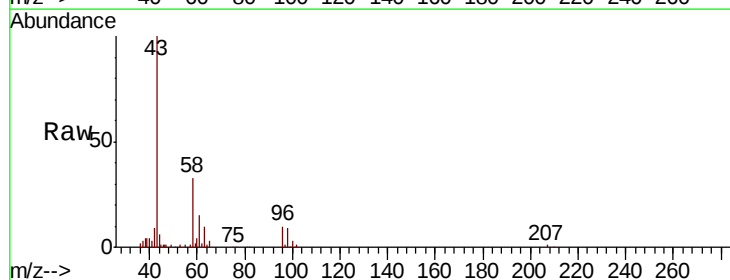
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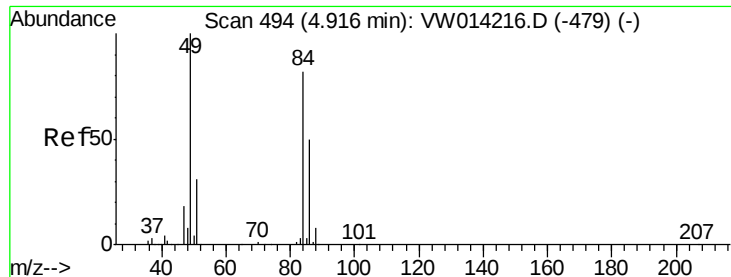
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#13
 Acetone
 Concen: 12.613 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW014221.D
 Acq: 05 Dec 2019 18:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	65.4





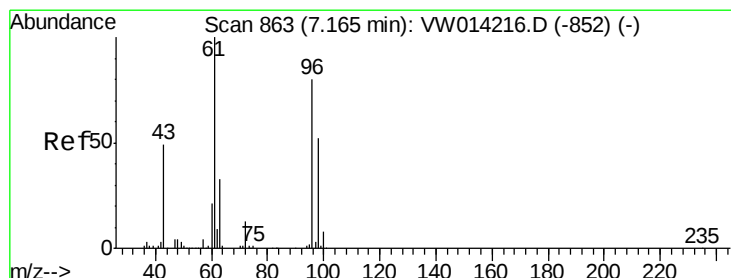
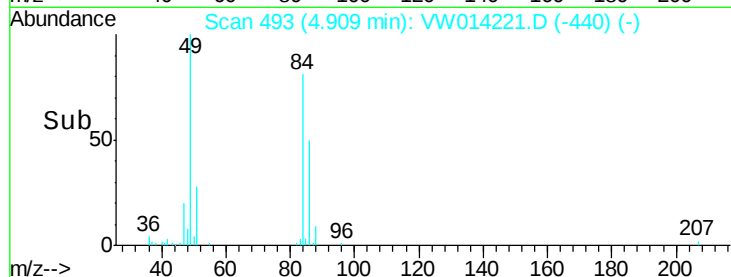
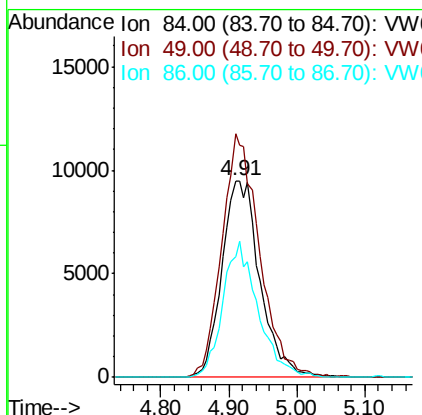
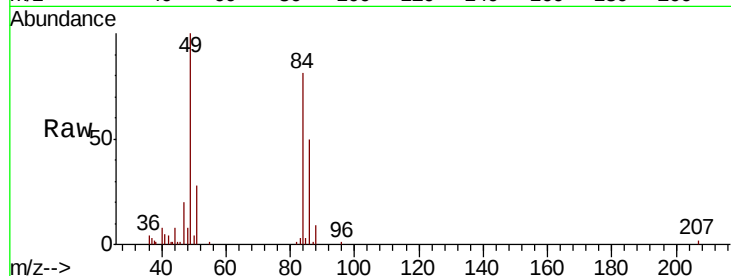
#16
Methvlene chloride
Concen: 1.741 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW014221.D
Acq: 05 Dec 2019 18:49

Instrument :
MSVOA_W
ClientSampleId :
DBBL1MSD

Tot Ion	Ratio	Lower	Upper
84	100		
49	124.0	84.2	156.4
86	61.6	43.7	81.1

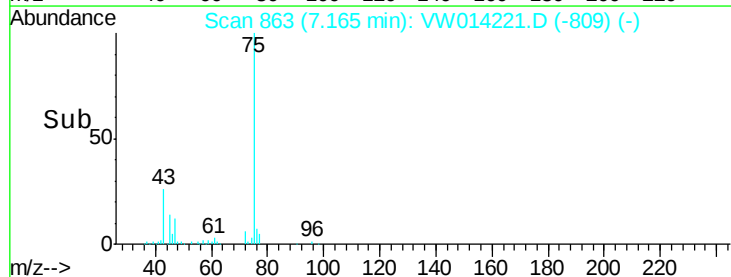
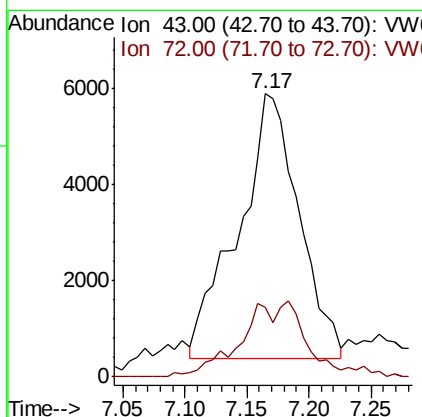
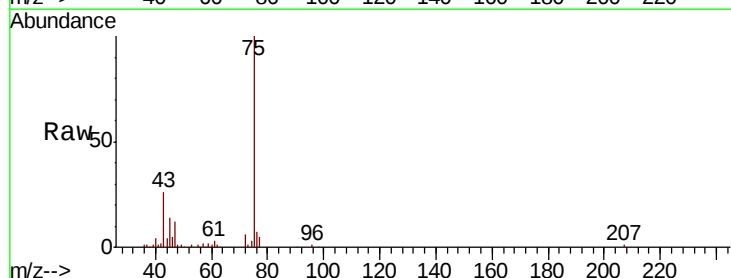
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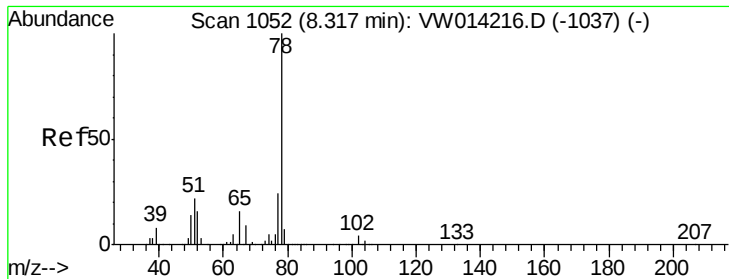
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#21
2-Butanone
Concen: 2.671 ug/L m
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014221.D
Acq: 05 Dec 2019 18:49

Tgt Ion	Ratio	Lower	Upper
43	100		
72	16.3	14.1	42.2





#34

Benzene

Concen: 22.831 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW014221.D

Acq: 05 Dec 2019 18:49

Instrument :

MSVOA_W

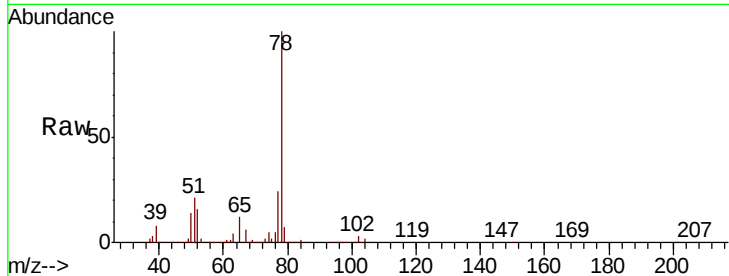
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DBBL1MSD

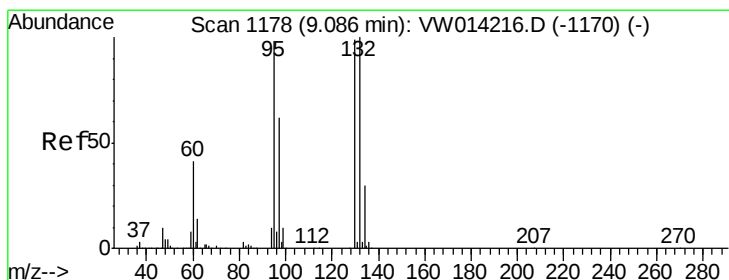
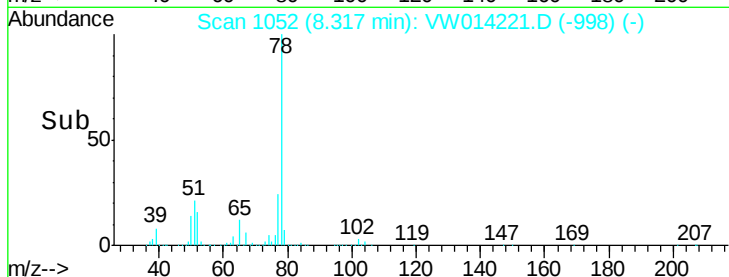
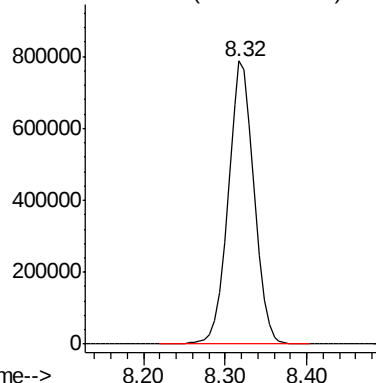
Tgt Ion: 78 Resp: 1736042

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.354 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014221.D

Acq: 05 Dec 2019 18:49

Tgt Ion: 95 Resp: 434890

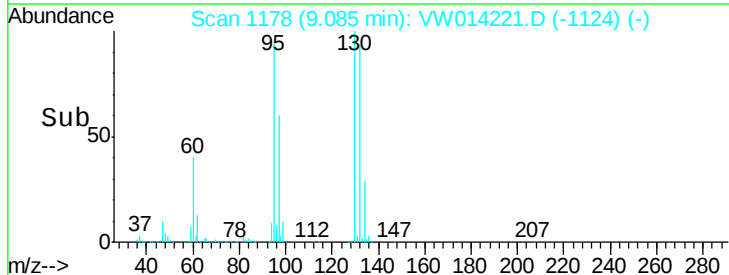
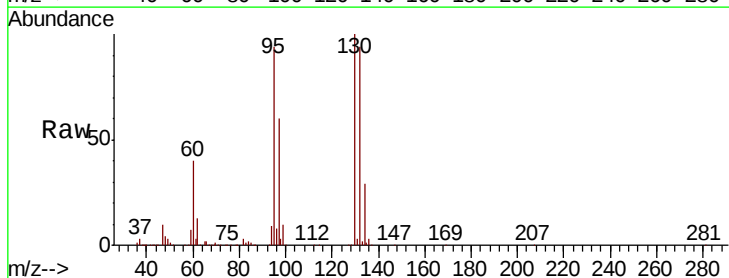
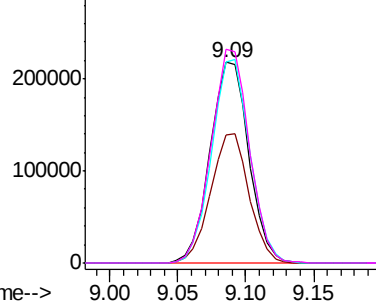
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.1	83.9
132	100.4	73.7	136.9
130	105.3	76.6	142.2

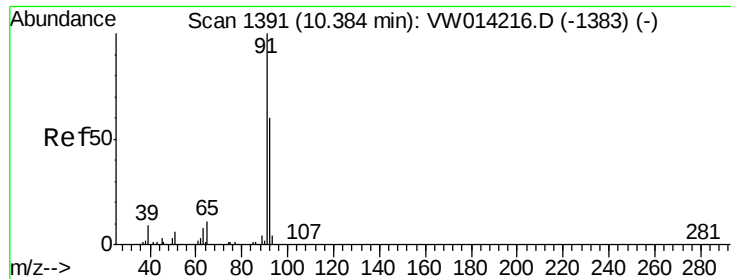
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 22.912 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014221.D

Acq: 05 Dec 2019 18:49

Instrument :

MSVOA_W

ClientSampleId :

DBBL1MSD

Tot Ion: 91 Resp: 1826482

Ion Ratio Lower Upper

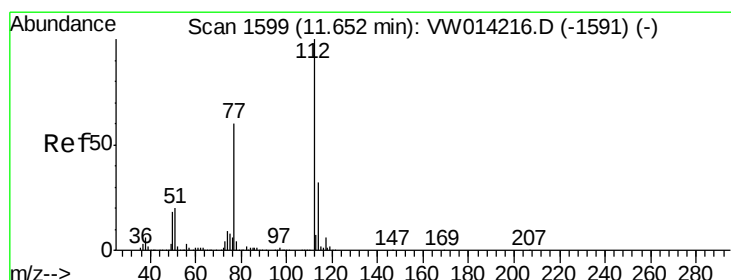
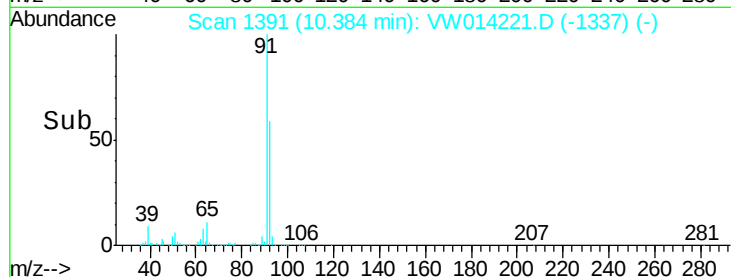
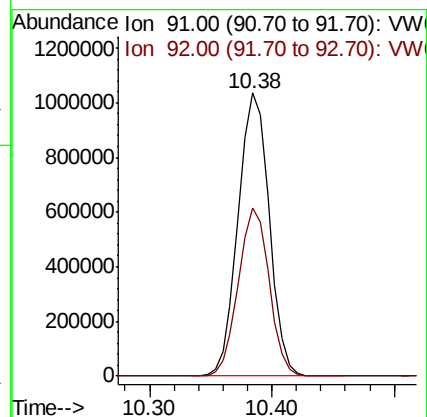
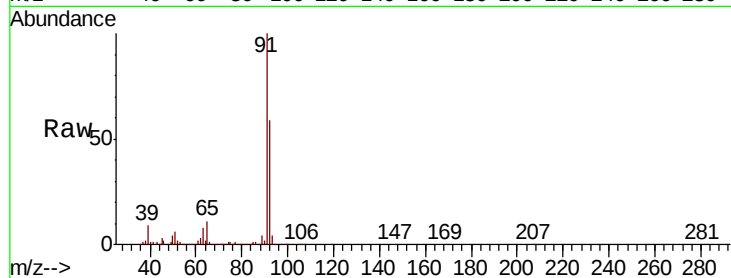
91 100

92 59.5 40.7 75.7

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#52

Chlorobenzene

Concen: 21.939 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW014221.D

Acq: 05 Dec 2019 18:49

Tgt Ion: 112 Resp: 1130330

Ion Ratio Lower Upper

112 100

77 55.1 42.2 63.4

114 31.7 22.5 41.9

