

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
 Data File : VW008920.D
 Acq On : 01 Mar 2019 13:53
 Operator : SY/VA
 Sample : K1657-03MS
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB648MS

Manual Integrations
 APPROVED

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 3/5/2019 11:47:22 PM

Quant Time: Mar 02 03:20:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 02 02:55:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	358584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	317501	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	119780	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
7) Chloroethane-d5	2.88	69	113778	22.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.88%
10) 1,1-Dichloroethene-d2	4.02	63	212715	22.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.72%
20) 2-Butanone-d5	7.07	46	51443	30.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.86%
24) Chloroform-d	7.65	84	182887	21.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.36%
26) 1,2-Dichloroethane-d4	8.30	65	111192	21.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.92%
29) Benzene-d6	8.27	84	392738	25.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.08%
33) 1,2-Dichloropropane-d6	9.27	67	113431	25.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.60%
37) Toluene-d8	10.32	98	378678	24.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.24%
38) trans-1,3-Dichloropropene-	10.58	79	40118	17.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.72%
39) 2-Hexanone-d5	10.93	63	40003	32.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81589	18.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	96604	23.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.00%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	4.04	96	110805	24.773 ug/L	91
13) Acetone	4.13	43	5574	3.532 ug/L	72
16) Methylene chloride	4.92	84	9884m	1.705 ug/L	
34) Benzene	8.32	78	488694	28.372 ug/L	100
35) Trichloroethene	9.09	95	122168	26.278 ug/L	95
44) Toluene	10.39	91	555934	28.075 ug/L	96
52) Chlorobenzene	11.66	112	324989	24.385 ug/L	98

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

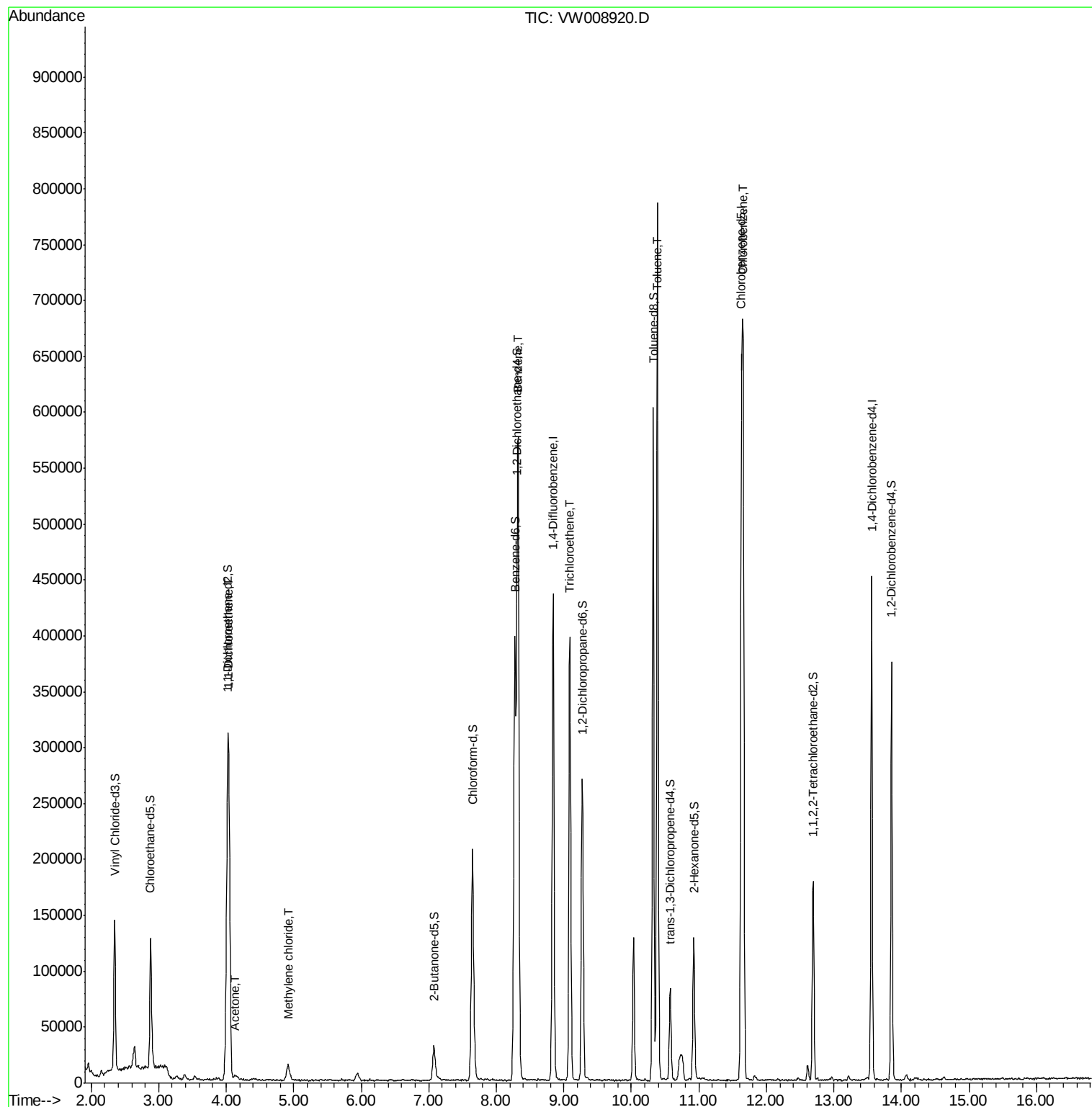
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW030119\
Data File : VW008920.D
Acq On : 01 Mar 2019 13:53
Operator : SY/VA
Sample : K1657-03MS
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ALS Vial : 1 Sample Multiplier: 1

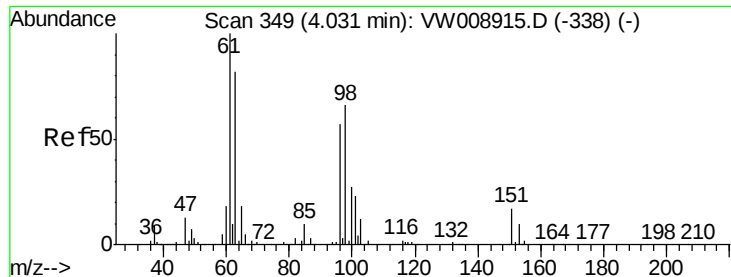
Instrument :
MSVOA_W
ClientSampleId :
DB648MS

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Quant Time: Mar 02 03:20:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 02 02:55:16 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.773 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW008920.D

Acq: 01 Mar 2019 13:53

Instrument :

MSVOA_W

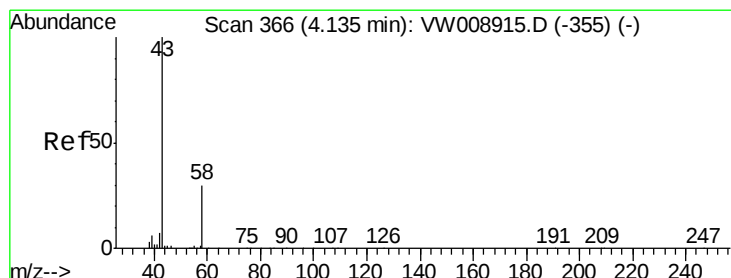
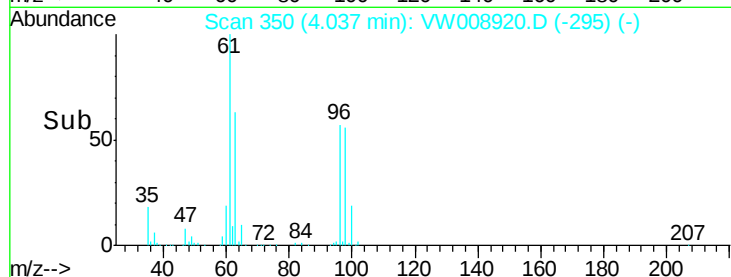
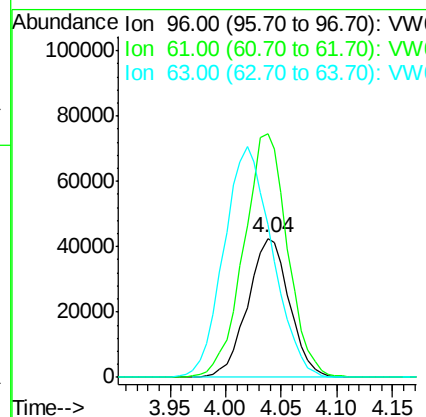
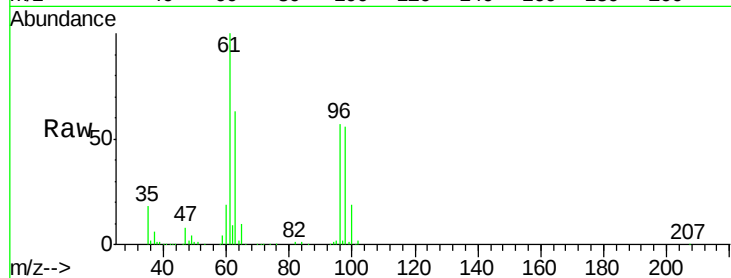
ClientSampleId :

DB648MS

Tot Ion:	96	Resp:	110805
Ion	Ratio	Lower	Upper
96	100		
61	175.2	120.3	223.3
63	110.1	91.6	170.0

Manual Integrations
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#13

Acetone

Concen: 3.532 ug/L

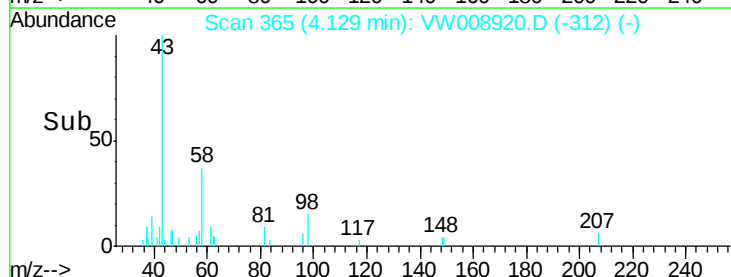
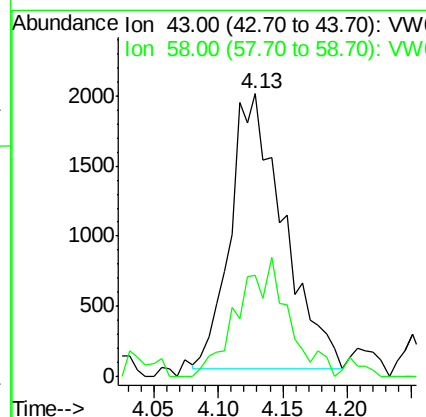
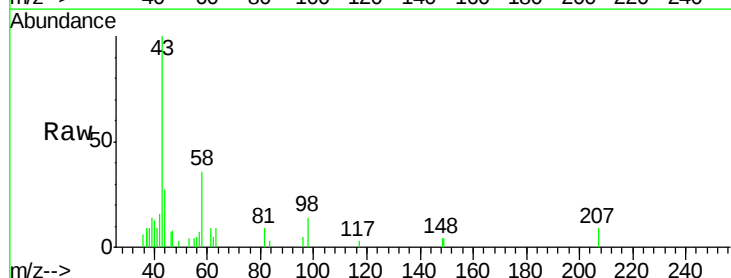
RT: 4.13 min Scan# 365

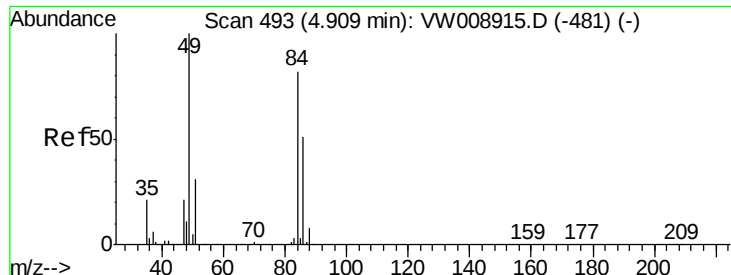
Delta R.T. -0.01 min

Lab File: VW008920.D

Acq: 01 Mar 2019 13:53

Tgt Ion:	43	Resp:	5574
Ion	Ratio	Lower	Upper
43	100		
58	14.5	0.0	58.6





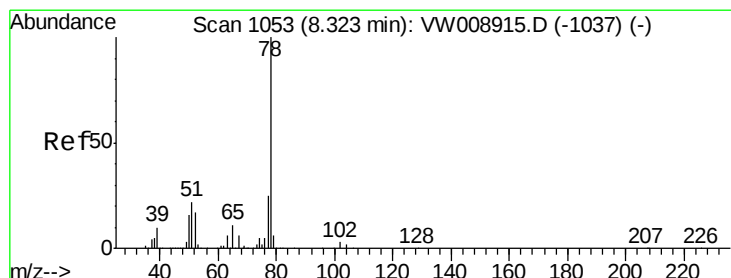
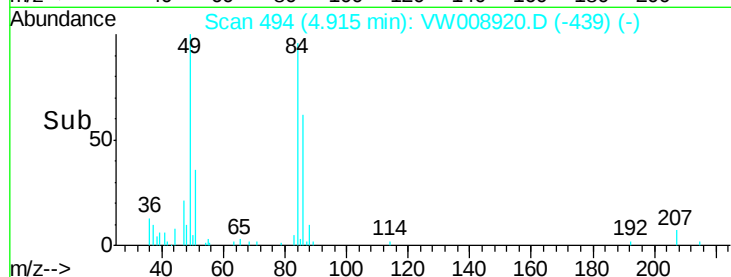
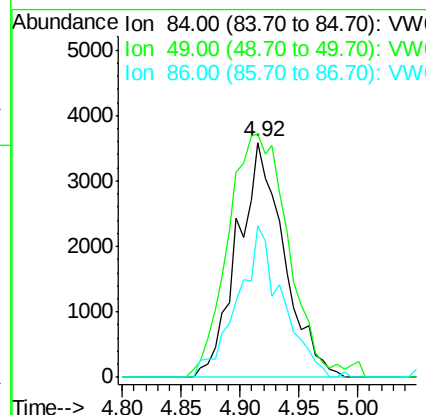
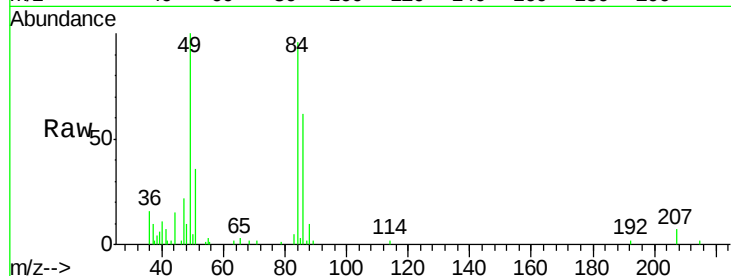
#16
Methvlene chloride
Concen: 1.705 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008920.D
Acq: 01 Mar 2019 13:53

Instrument :
MSVOA_W
ClientSampleId :
DB648MS

Tot Ion	Ratio	Lower	Upper
84	100		
49	103.7	79.2	147.0
86	64.6	43.2	80.2

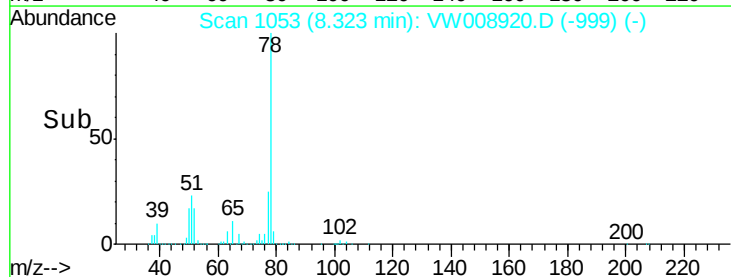
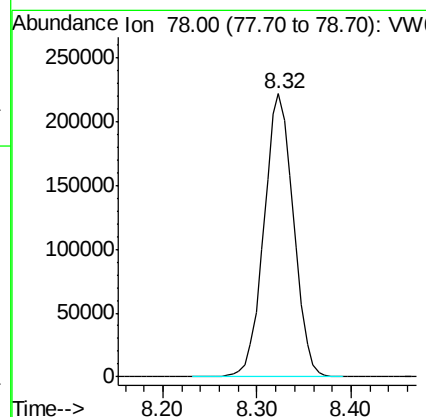
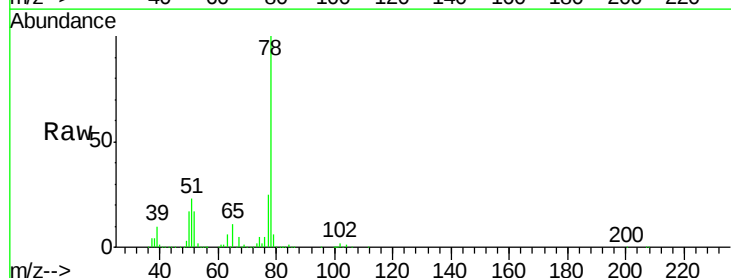
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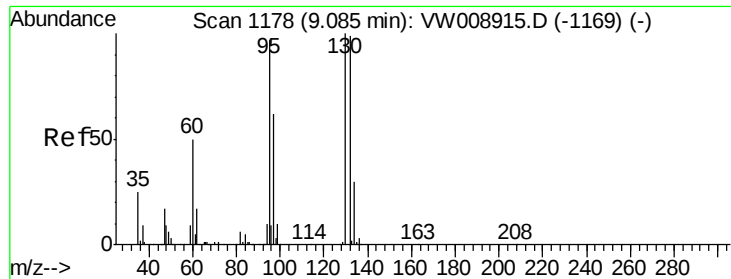
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#34
Benzene
Concen: 28.372 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008920.D
Acq: 01 Mar 2019 13:53

Tgt Ion: 78 Resp: 488694





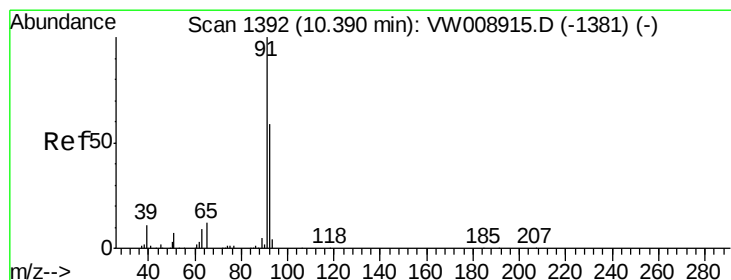
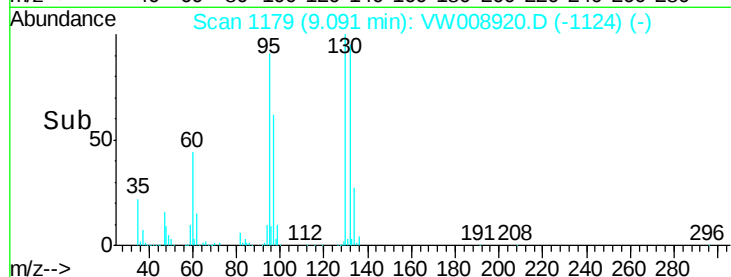
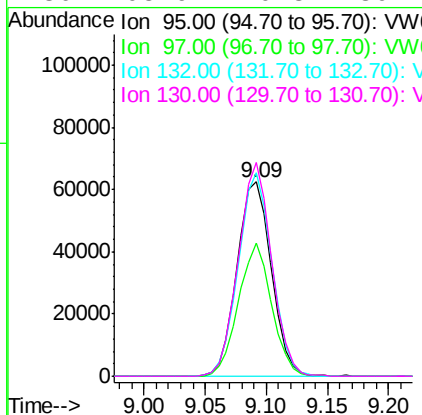
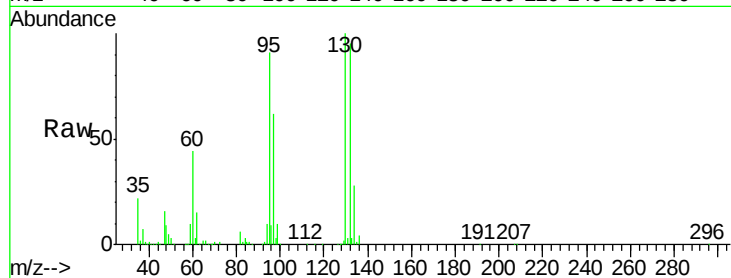
#35
 Trichloroethene
 Concen: 26.278 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW008920.D
 Acq: 01 Mar 2019 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 DB648MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100				
97	65.9	44.4	82.5		
132	102.4	67.8	126.0		
130	105.9	70.3	130.7		

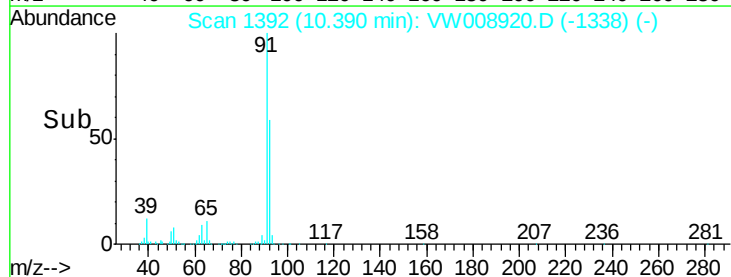
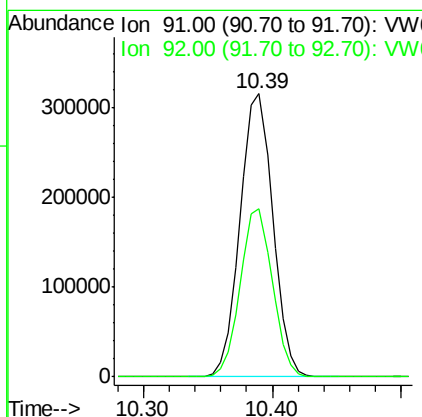
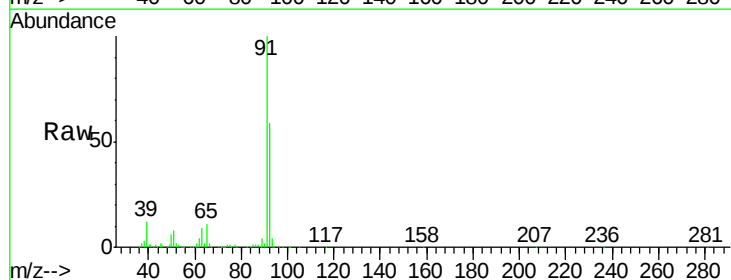
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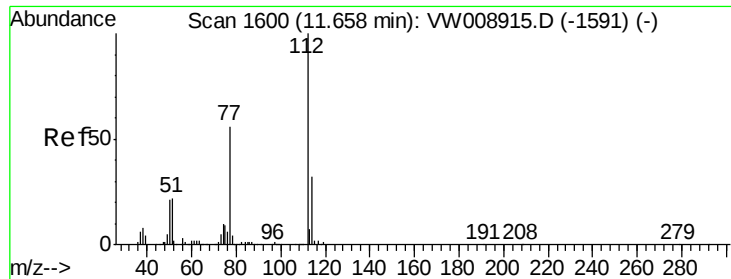
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#44
 Toluene
 Concen: 28.075 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008920.D
 Acq: 01 Mar 2019 13:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	59.4	39.6	73.6		





#52
Chlorobenzene
Concen: 24.385 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008920.D
Acq: 01 Mar 2019 13:53

Instrument :
MSVOA_W
ClientSampleId :
DB648MS

Tot Ion:	112	Resp:	324989
Ion Ratio		Lower	Upper
112	100		
77	57.3	47.8	71.6
114	32.3	22.2	41.2

Manual Integrations
APPROVED

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