

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062619\
 Data File : VW010998.D
 Acq On : 26 Jun 2019 12:24
 Operator : SY/VA
 Sample : K3461-04MS
 Misc : 4.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YANZ3MS

Manual Integrations
 APPROVED

MMDadoda
 6/29/2019 3:53:24 AM

Quant Time: Jun 27 08:06:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 27 07:30:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	50912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	50022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21323	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	12898	19.54	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
7) Chloroethane-d5	2.88	69	11089	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
10) 1,1-Dichloroethene-d2	4.01	63	31390	20.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.52%
20) 2-Butanone-d5	7.08	46	18666	60.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.46%
24) Chloroform-d	7.65	84	32241	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.31	65	23608	27.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.96%
29) Benzene-d6	8.27	84	63396	21.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.44%
33) 1,2-Dichloropropane-d6	9.27	67	23069	23.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.00%
37) Toluene-d8	10.32	98	52449	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.44%
38) trans-1,3-Dichloropropene-	10.58	79	8404	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.56%
39) 2-Hexanone-d5	10.92	63	11862	53.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23039	28.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	19795	24.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	12893	18.092	ug/L	94
13) Acetone	4.13	43	2312m	7.790	ug/L	
16) Methylene chloride	4.90	84	2154m	2.857	ug/L	
34) Benzene	8.32	78	65580	19.951	ug/L	100
35) Trichloroethene	9.09	95	15774	18.923	ug/L	99
44) Toluene	10.39	91	65014	18.915	ug/L	98
52) Chlorobenzene	11.66	112	41121	19.881	ug/L	99

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

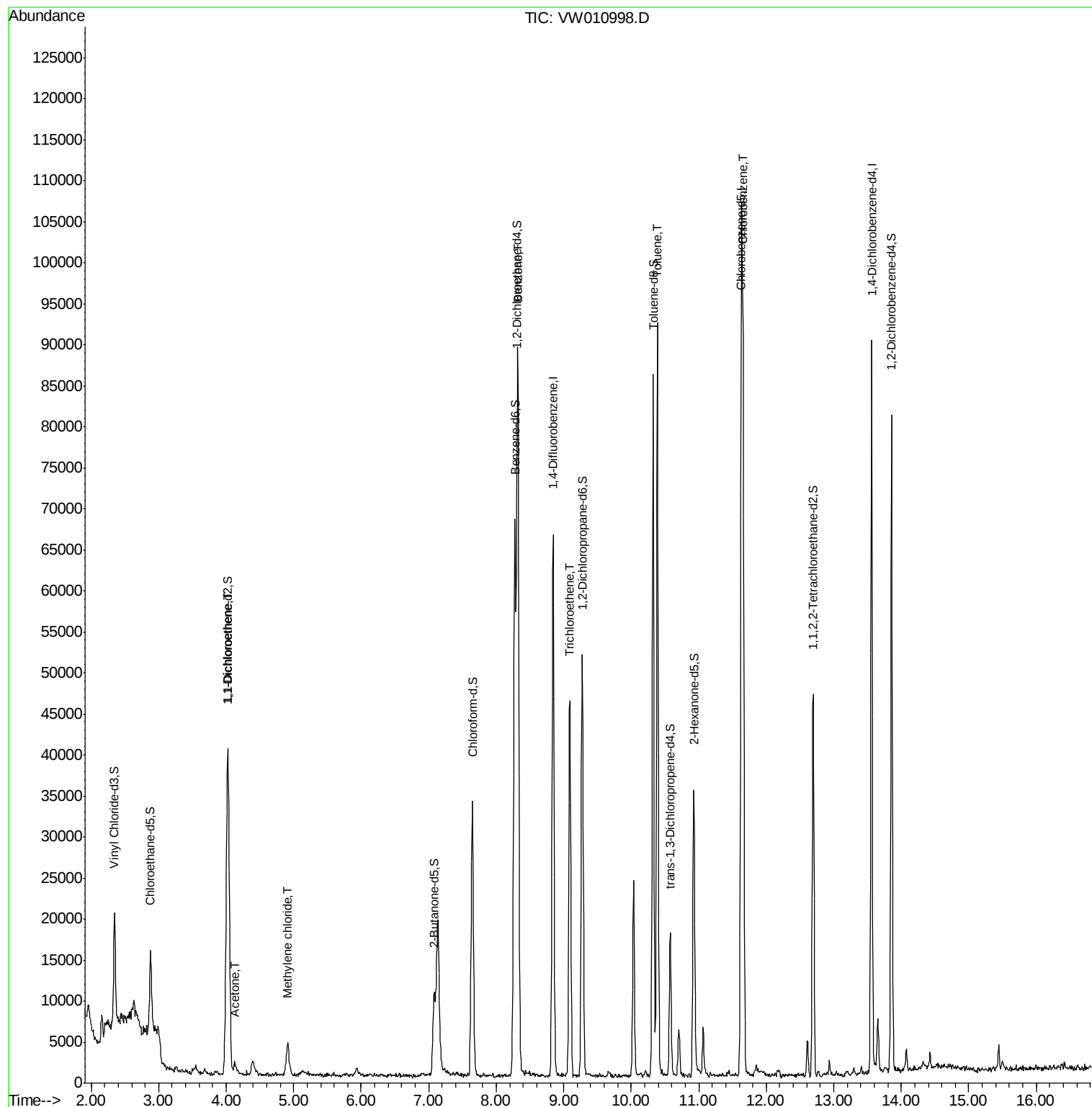
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062619\
Data File : VW010998.D
Acq On : 26 Jun 2019 12:24
Operator : SY/VA
Sample : K3461-04MS
Misc : 4.73G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

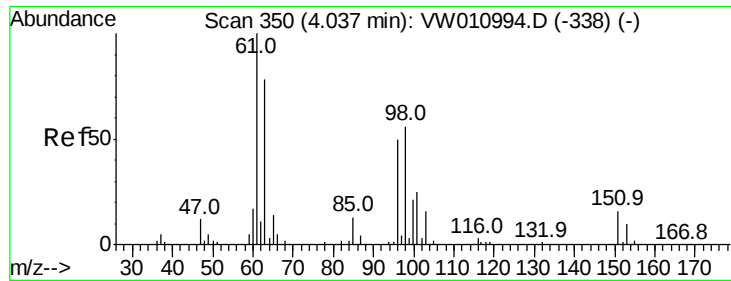
Instrument :
MSVOA_W
ClientSampleId :
YANZ3MS

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Quant Time: Jun 27 08:06:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 18.092 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW010998.D

Acq: 26 Jun 2019 12:24

Instrument :

MSVOA_W

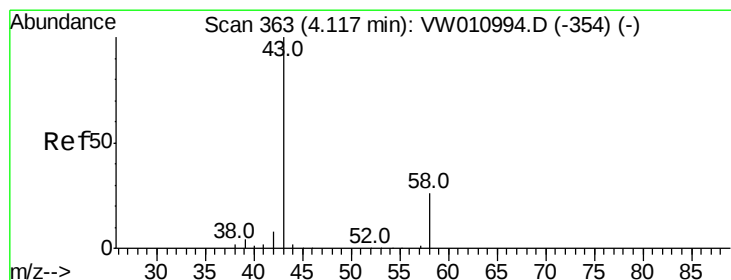
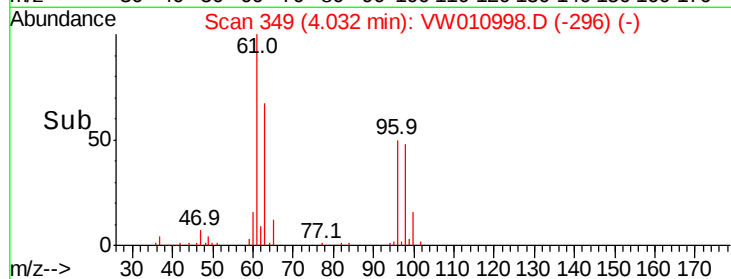
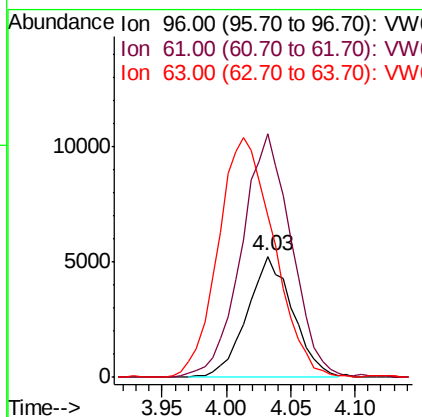
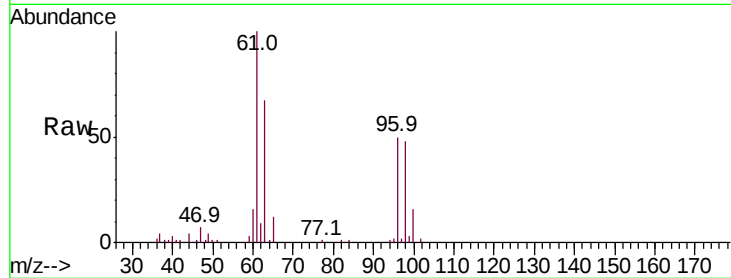
ClientSampleId :

YANZ3MS

Tot Ion:	96	Resp:	12893
Ion	Ratio	Lower	Upper
96	100		
61	201.7	144.5	268.3
63	134.4	102.3	189.9

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#13

Acetone

Concen: 7.790 ug/L m

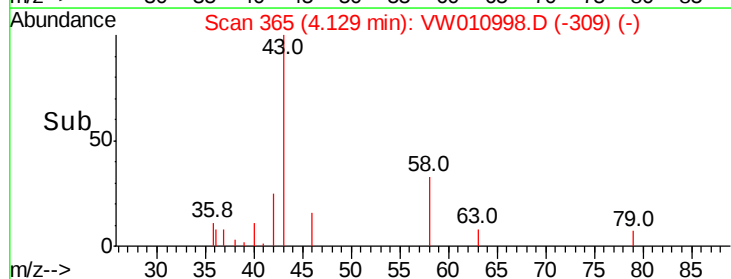
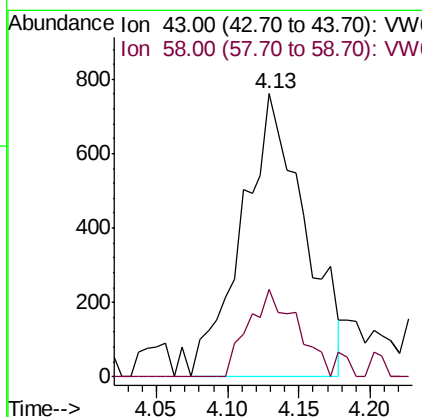
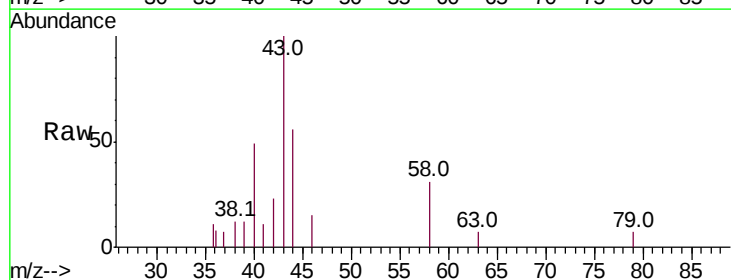
RT: 4.13 min Scan# 365

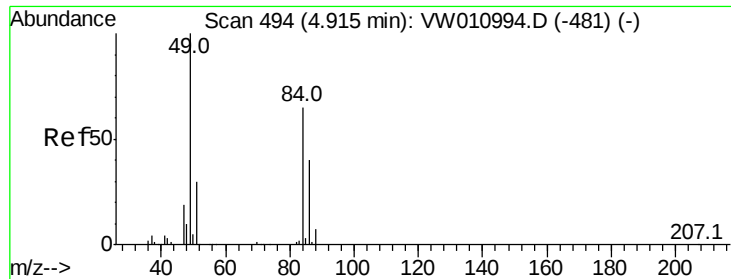
Delta R.T. 0.01 min

Lab File: VW010998.D

Acq: 26 Jun 2019 12:24

Tgt Ion:	43	Resp:	2312
Ion	Ratio	Lower	Upper
43	100		
58	17.6	0.0	53.2





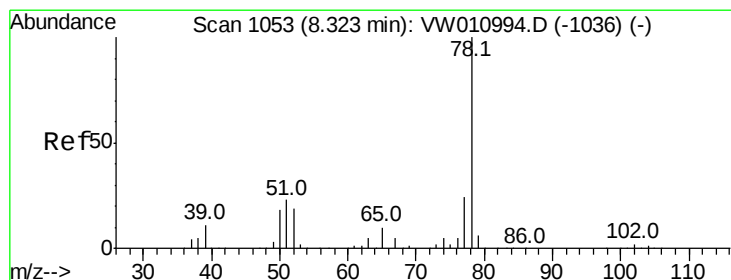
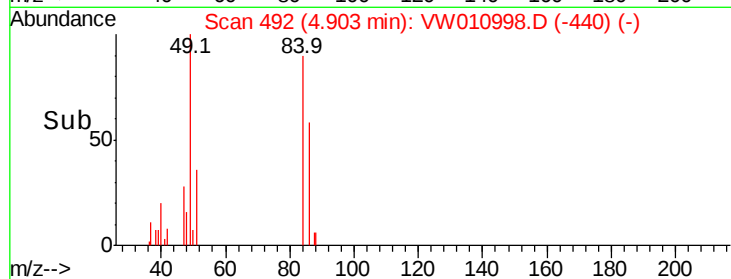
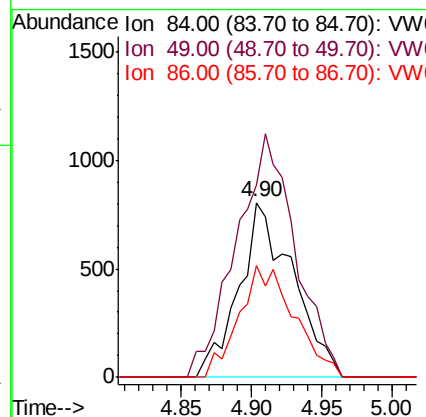
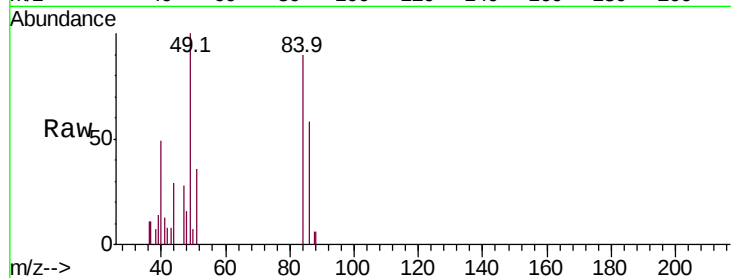
#16
Methvlene chloride
Concen: 2.857 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
YANZ3MS

Tot Ion	Ratio	Lower	Upper
84	100		
49	110.6	107.0	198.8
86	63.9	44.4	82.5

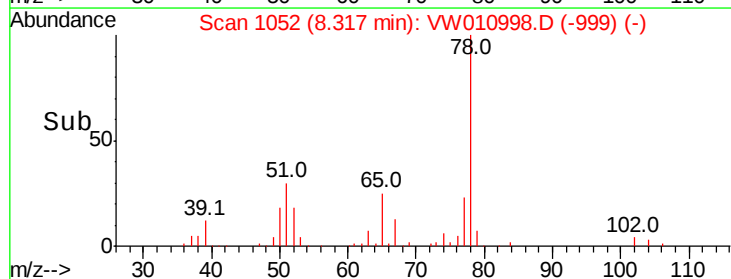
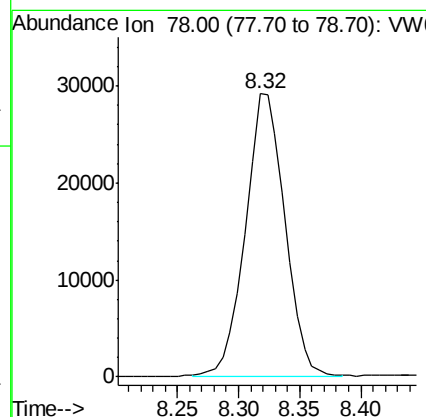
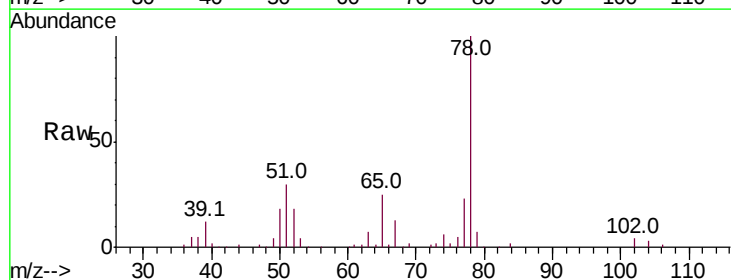
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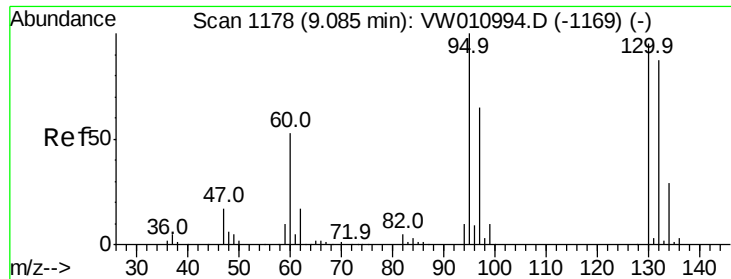
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#34
Benzene
Concen: 19.951 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Tgt Ion: 78 Resp: 65580





#35

Trichloroethene

Concen: 18.923 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW010998.D

Acq: 26 Jun 2019 12:24

Instrument :

MSVOA_W

ClientSampleId :

YANZ3MS

Tot Ion: 95 Resp: 15774

Ion Ratio Lower Upper

95 100

97 63.8 44.9 83.3

132 91.3 64.0 119.0

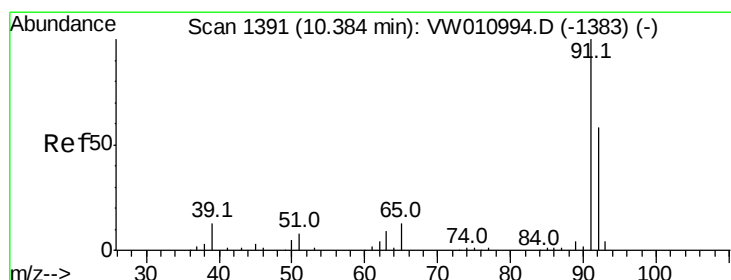
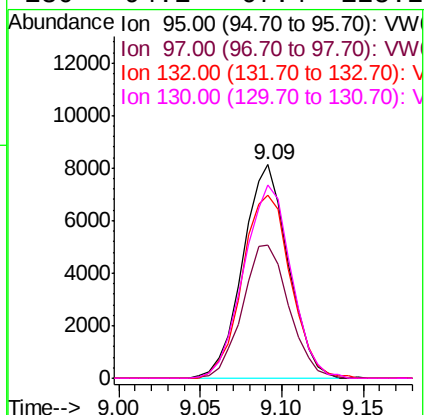
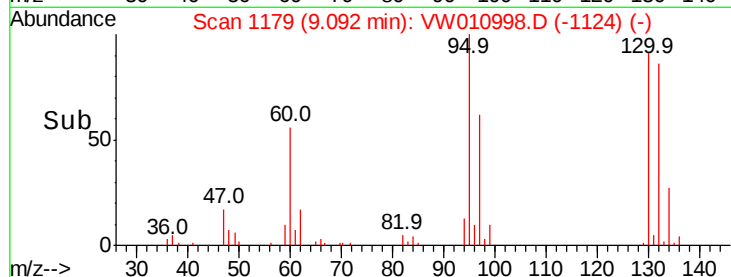
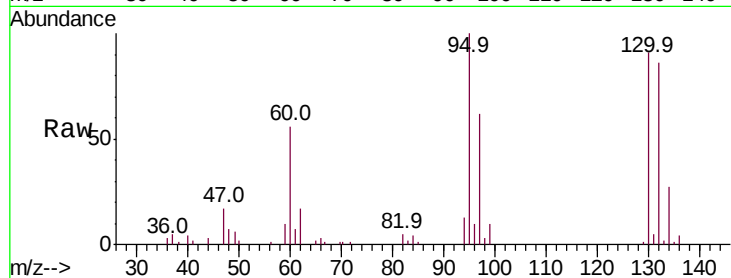
130 94.1 67.4 125.2

Manual Integrations

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#44

Toluene

Concen: 18.915 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW010998.D

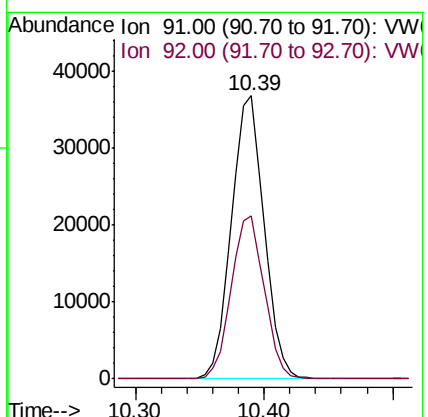
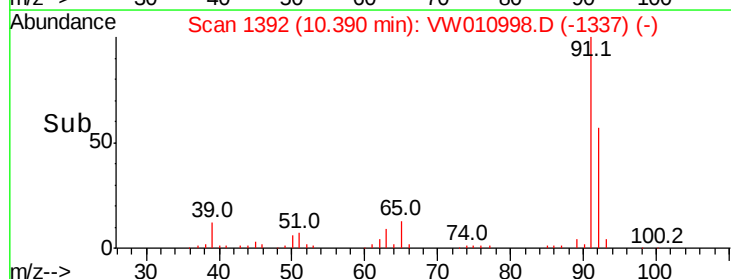
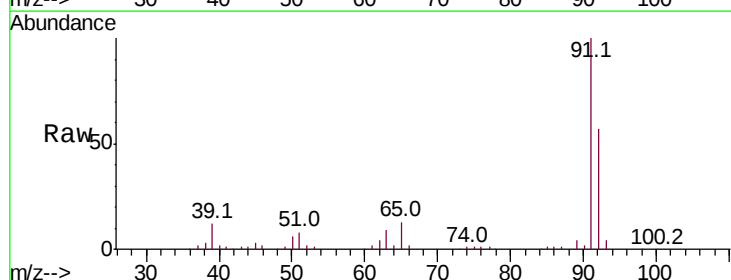
Acq: 26 Jun 2019 12:24

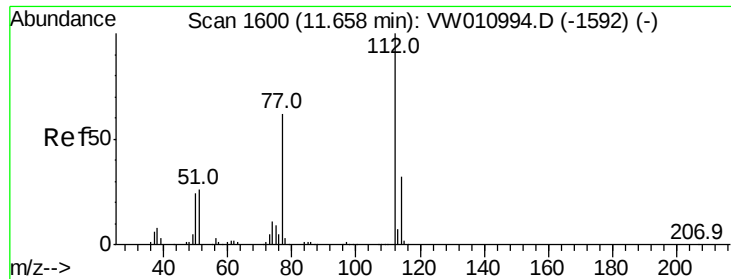
Tgt Ion: 91 Resp: 65014

Ion Ratio Lower Upper

91 100

92 57.4 41.2 76.4





#52
Chlorobenzene
Concen: 19.881 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
YANZ3MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	41121		
77	63.6	51.1	76.7	
114	33.6	22.7	42.1	

Manual Integrations
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6/29/2019 3:53:24 AM

