

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006923.D
 Acq On : 16 Nov 2018 18:13
 Operator : SY/AP
 Sample : J5979-04MSD
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETO65MSD

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 4:44:34 PM

Quant Time: Nov 17 01:37:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	41958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	35049	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	11287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	8618	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
7) Chloroethane-d5	2.89	69	6838	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.04%
10) 1,1-Dichloroethene-d2	4.03	63	23823	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.76%
20) 2-Butanone-d5	7.09	46	6229	30.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.68%
24) Chloroform-d	7.65	84	19343	20.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	8.31	65	13121	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.12%
29) Benzene-d6	8.28	84	47558	25.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.84%
33) 1,2-Dichloropropane-d6	9.27	67	14184	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.16%
37) Toluene-d8	10.33	98	45744	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.52%
38) trans-1,3-Dichloropropene-	10.58	79	5165	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.76%
39) 2-Hexanone-d5	10.93	63	5348	38.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	10306	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	9694	22.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	12219	25.491	ug/L	94
13) Acetone	4.12	43	3146m	23.787	ug/L	
16) Methylene chloride	4.93	84	1214	1.655	ug/L	90
21) 2-Butanone	7.17	43	1432m	6.275	ug/L	
34) Benzene	8.33	78	54781	27.948	ug/L	100
35) Trichloroethene	9.09	95	13370	25.043	ug/L	95
44) Toluene	10.39	91	60526	26.969	ug/L	97
52) Chlorobenzene	11.66	112	35283	24.995	ug/L	99

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

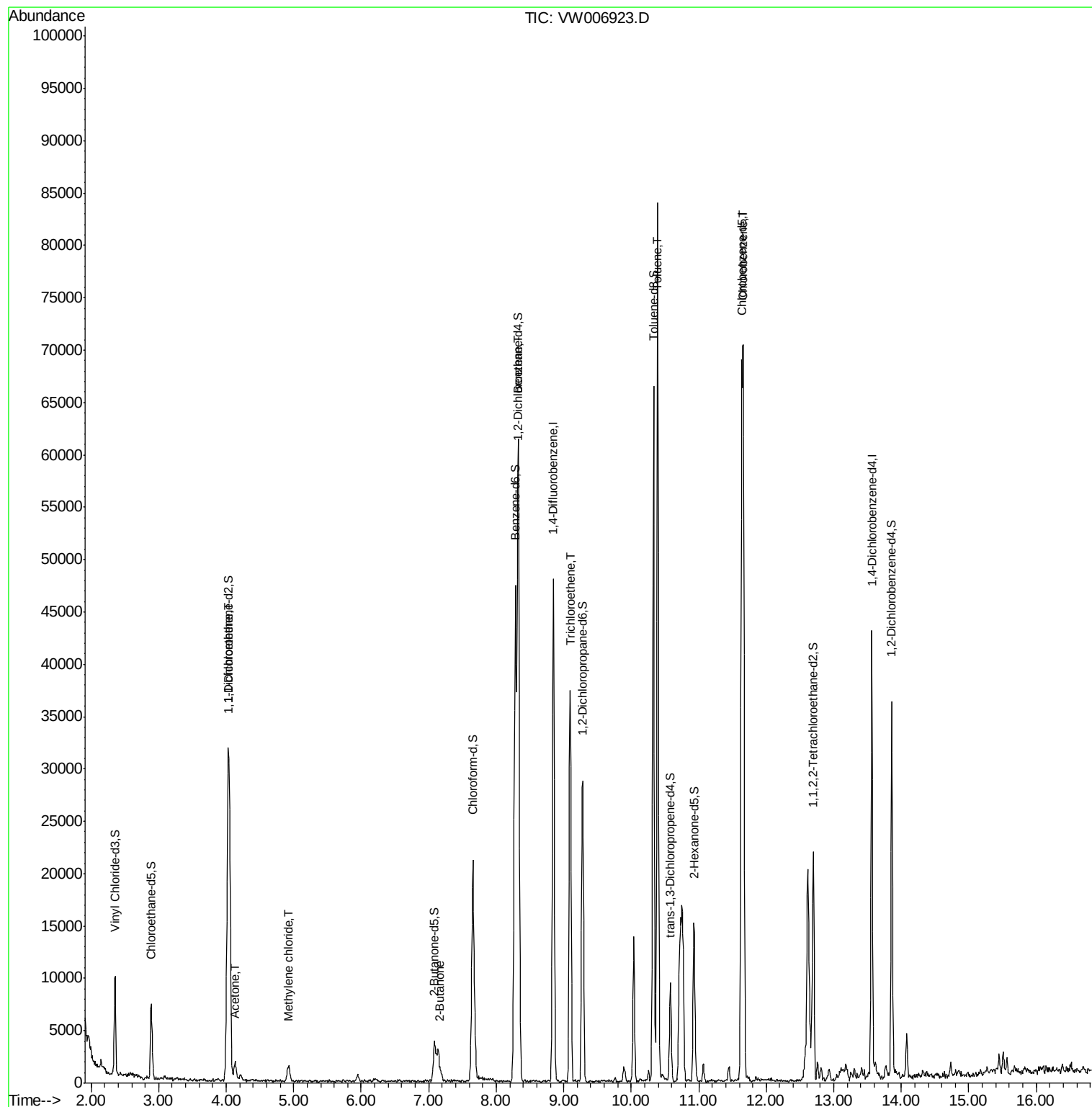
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111618\
Data File : VW006923.D
Acq On : 16 Nov 2018 18:13
Operator : SY/AP
Sample : J5979-04MSD
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ALS Vial : 1 Sample Multiplier: 1

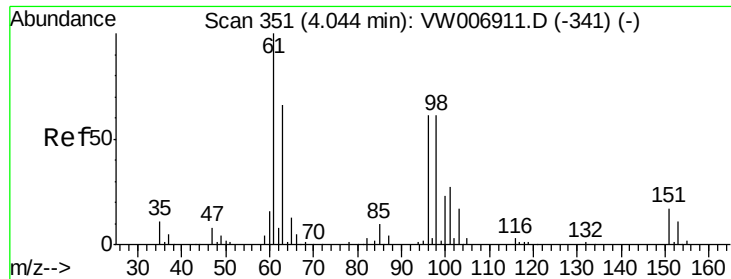
Instrument :
MSVOA_W
ClientSampleId :
ETO65MSD

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Quant Time: Nov 17 01:37:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 25.491 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW006923.D

Acq: 16 Nov 2018 18:13

Instrument :

MSVOA_W

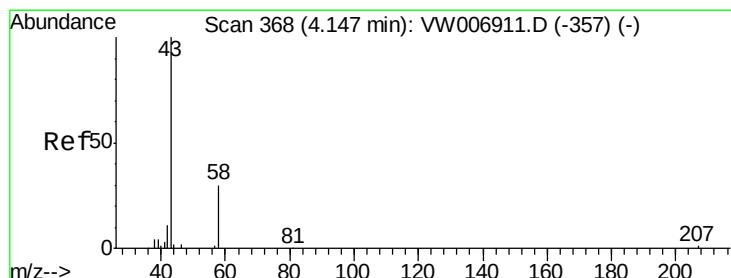
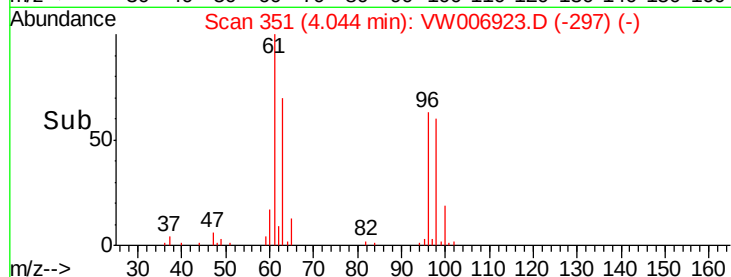
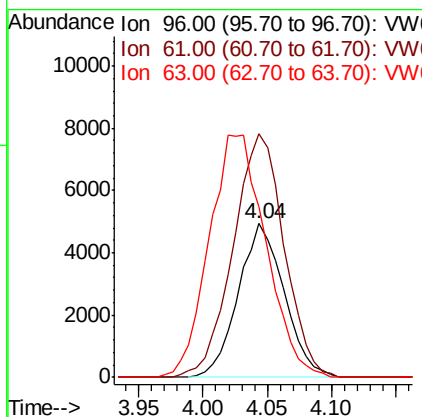
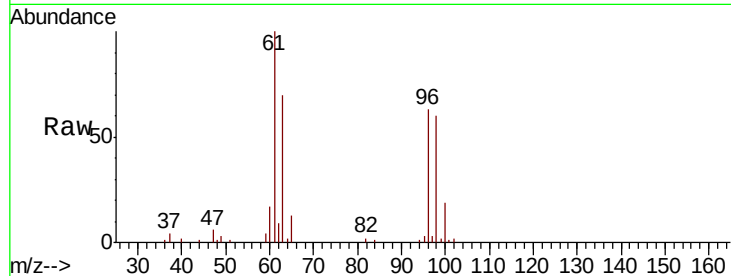
ClientSampled :

ETO65MSD

Tot Ion:	96	Resp:	12219
Ion	Ratio	Lower	Upper
96	100		
61	158.3	116.3	215.9
63	110.6	73.4	136.4

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#13

Acetone

Concen: 23.787 ug/L m

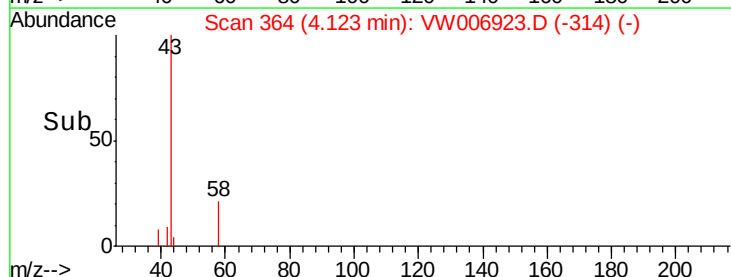
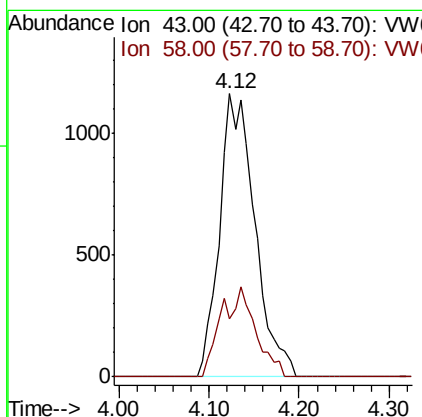
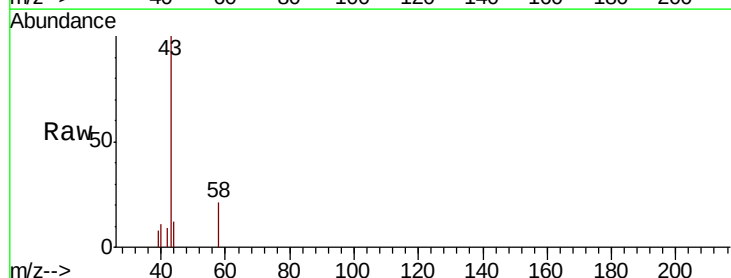
RT: 4.12 min Scan# 364

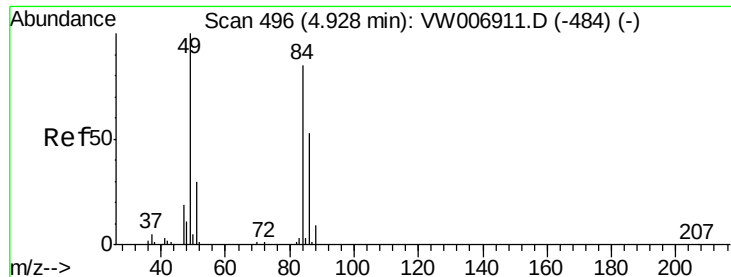
Delta R.T. -0.02 min

Lab File: VW006923.D

Acq: 16 Nov 2018 18:13

Tgt Ion:	43	Resp:	3146
Ion	Ratio	Lower	Upper
43	100		
58	11.8	0.0	65.6





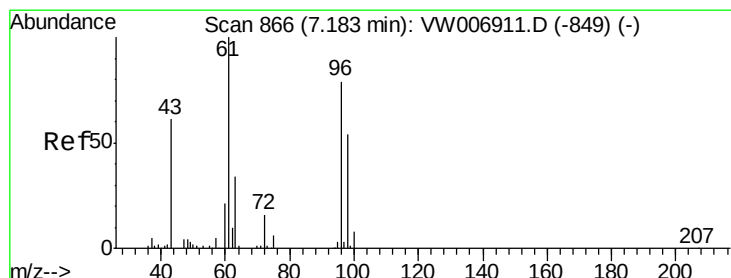
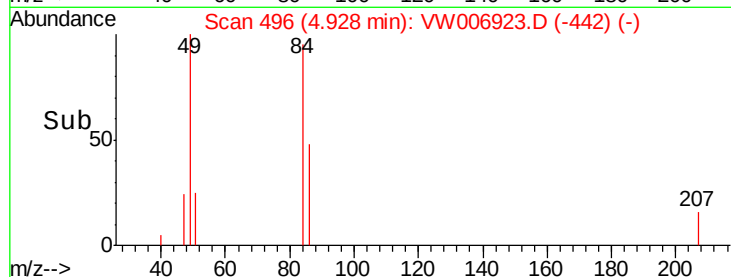
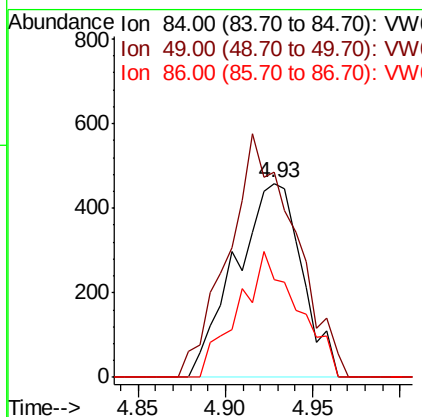
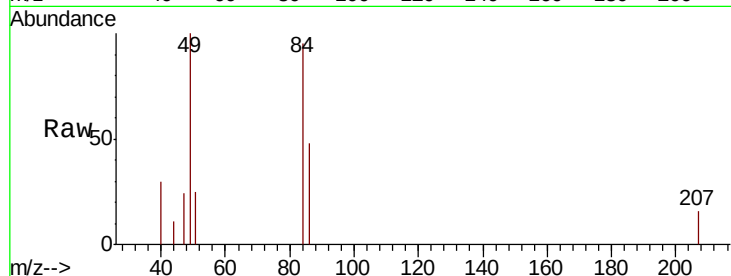
#16
Methylene chloride
Concen: 1.655 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW006923.D
Acq: 16 Nov 2018 18:13

Instrument :
MSVOA_W
ClientSampleId :
ETO65MSD

Tot Ion	Ratio	Lower	Upper
84	100		
49	105.7	79.3	147.3
86	50.3	43.5	80.9

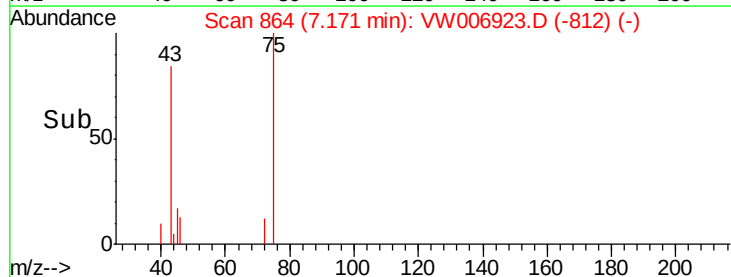
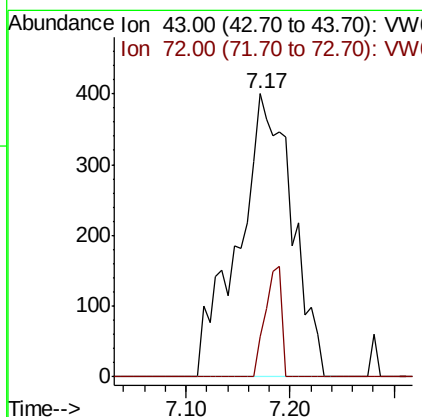
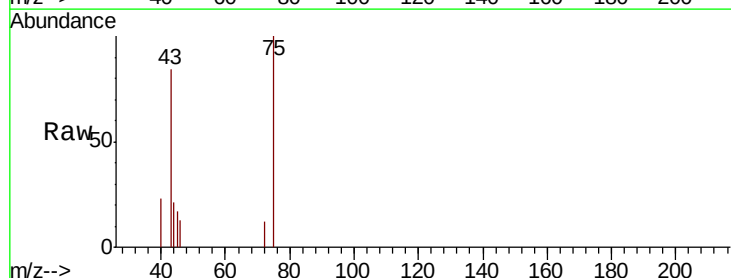
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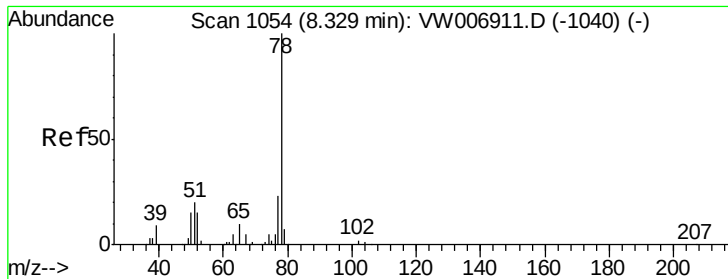
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#21
2-Butanone
Concen: 6.275 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006923.D
Acq: 16 Nov 2018 18:13

Tgt Ion	Ratio	Lower	Upper
43	100		
72	11.7	13.5	40.5#





#34

Benzene

Concen: 27.948 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006923.D

Acq: 16 Nov 2018 18:13

Instrument :

MSVOA_W

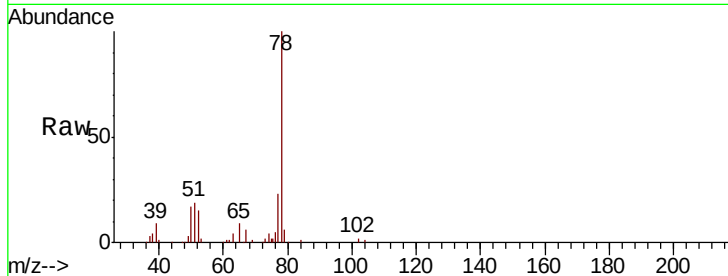
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ETO65MSD

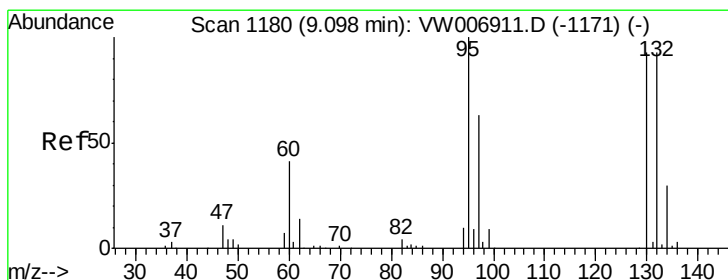
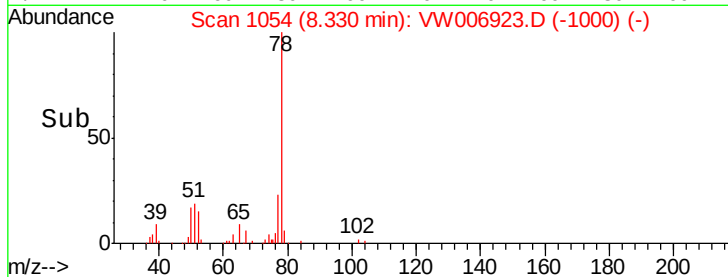
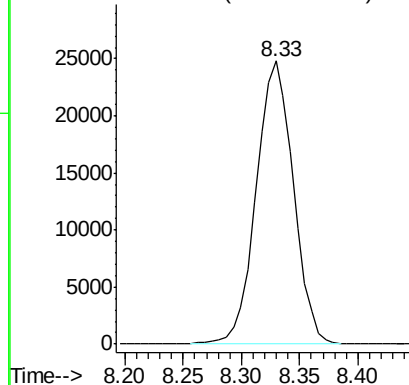
Tgt Ion: 78 Resp: 54781

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Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 25.043 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006923.D

Acq: 16 Nov 2018 18:13

Tgt Ion: 95 Resp: 13370

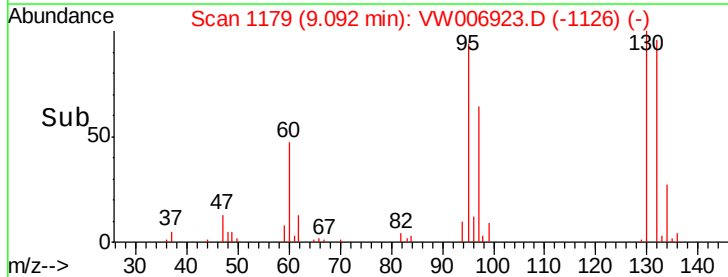
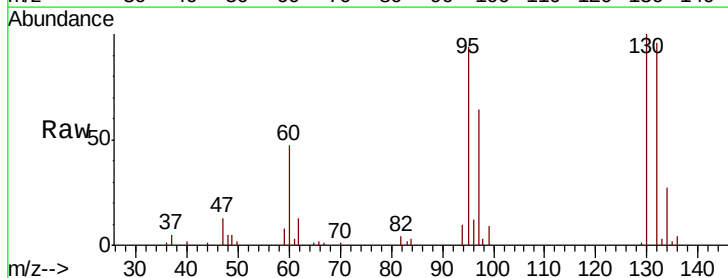
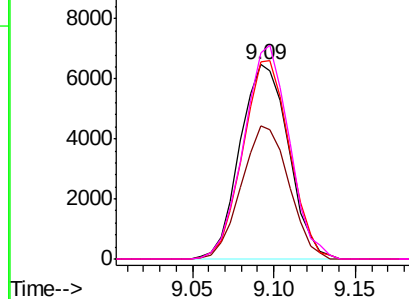
Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.1	83.9
132	98.7	65.7	121.9
130	103.5	68.7	127.7

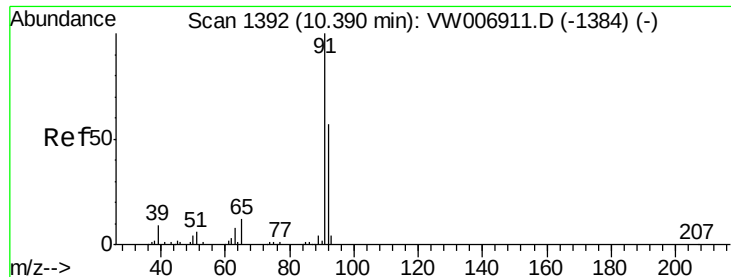
Abundance Ion 95.00 (94.70 to 95.70): VW

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





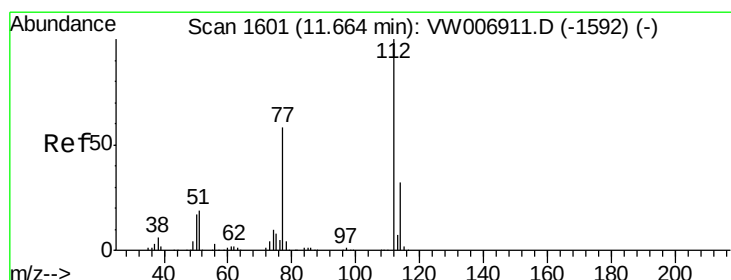
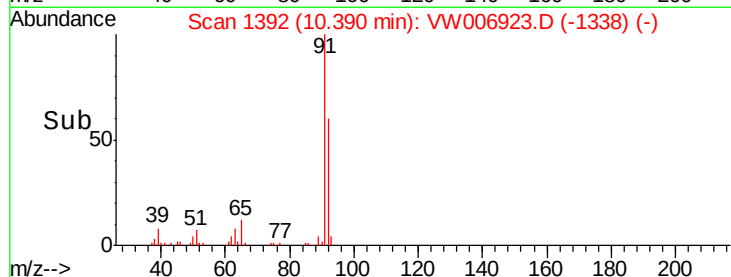
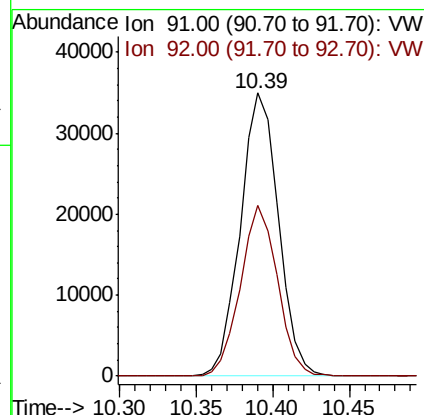
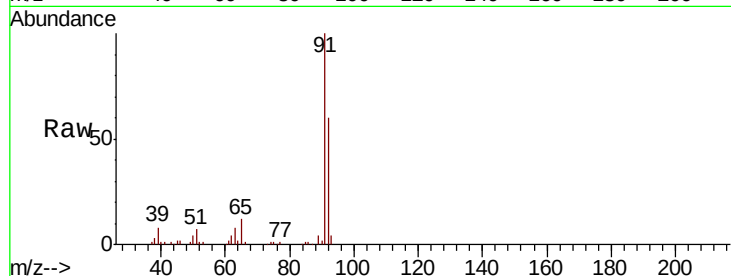
#44
Toluene
Concen: 26.969 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006923.D
Acq: 16 Nov 2018 18:13

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Tot Ion	Ratio	Lower	Upper
91	100		
92	60.2	40.5	75.3

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#52
Chlorobenzene
Concen: 24.995 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006923.D
Acq: 16 Nov 2018 18:13

Tgt Ion	Ratio	Lower	Upper
112	100		
77	60.8	47.8	71.8
114	31.5	22.3	41.5

