

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009754.D
 Acq On : 06 Apr 2019 03:52
 Operator : SY/VA
 Sample : K2188-06
 Misc : 3.22G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF662

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:52 AM

Quant Time: Apr 06 07:02:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 05:36:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	402674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288536	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73156	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	152765	28.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.96%
7) Chloroethane-d5	2.90	69	140722	29.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.60%
10) 1,1-Dichloroethene-d2	4.01	63	246274	21.73	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.92%
20) 2-Butanone-d5	7.08	46	79868	46.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.36%
24) Chloroform-d	7.65	84	303978	27.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.68%
26) 1,2-Dichloroethane-d4	8.31	65	179419	26.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.40%
29) Benzene-d6	8.27	84	584946	38.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	154.48%#
33) 1,2-Dichloropropane-d6	9.27	67	171207	36.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.40%#
37) Toluene-d8	10.32	98	458080	32.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	130.84%#
38) trans-1,3-Dichloropropene-	10.57	79	25163	11.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	45.12%
39) 2-Hexanone-d5	10.93	63	49343	55.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82411	18.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	63678	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	11661m	6.361	ug/L	
14) Carbon disulfide	4.37	76	41994	2.526	ug/L	97
16) Methylene chloride	4.92	84	54604	7.689	ug/L	89
44) Toluene	10.38	91	20289	1.103	ug/L	91
47) Tetrachloroethene	10.86	164	1423	0.398	ug/L #	75
53) Ethylbenzene	11.73	91	35613	1.700	ug/L	94
54) m,p-Xylene	11.83	106	13130	1.695	ug/L	99
55) o-xylene	12.16	106	8413	1.140	ug/L	84

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

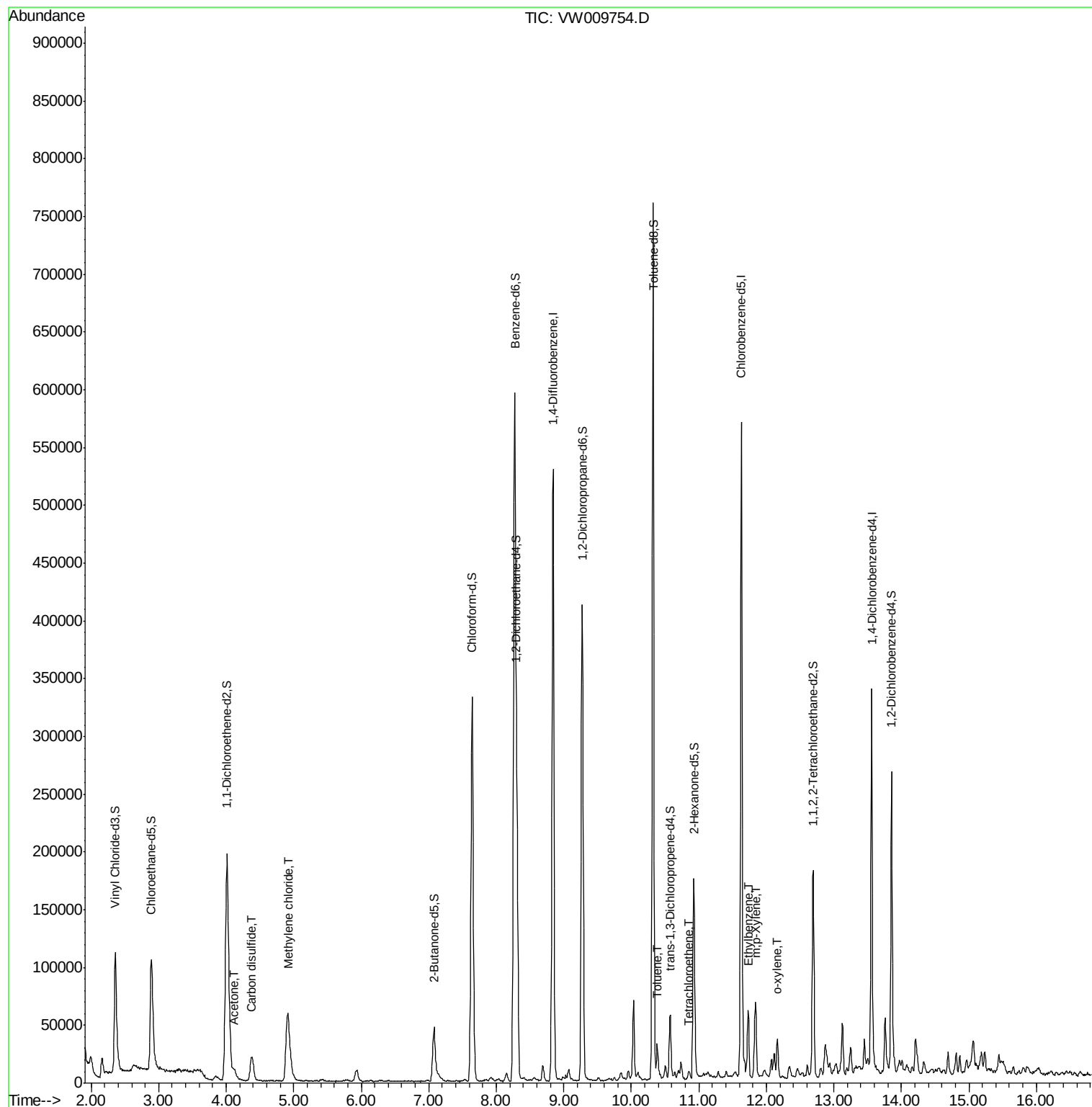
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Data File : VW009754.D
Acq On : 06 Apr 2019 03:52
Operator : SY/VA
Sample : K2188-06
Misc : 3.22G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

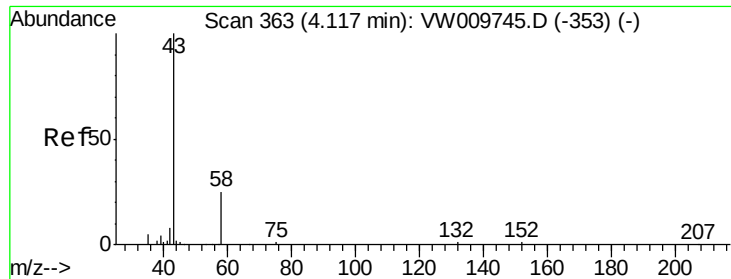
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration





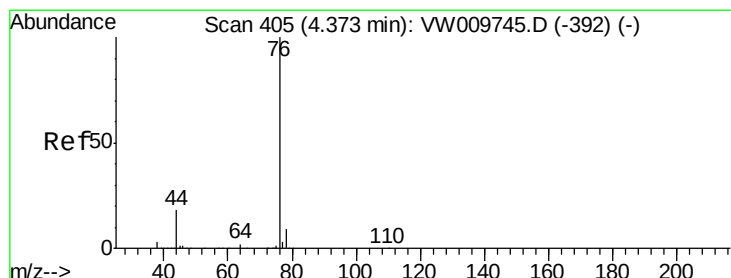
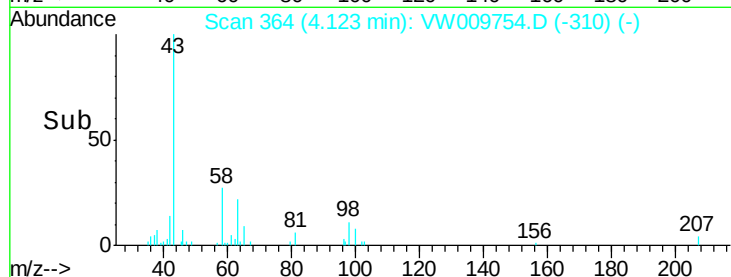
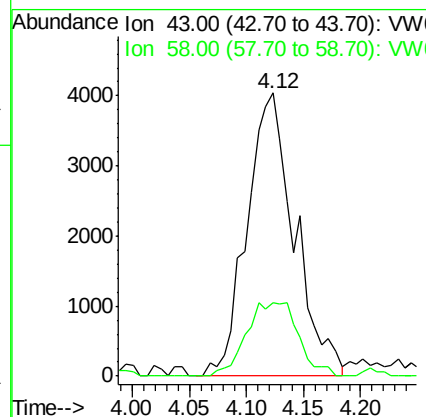
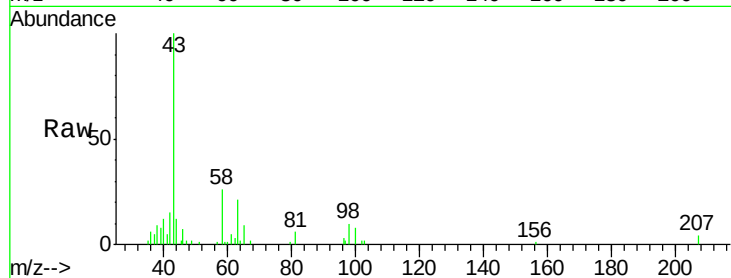
#13
Acetone
Concen: 6.361 ug/L m
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009754.D
Acq: 06 Apr 2019 03:52

Instrument :
MSVOA_W
ClientSampleId :
BF662

Tot Ion: 43 Resp: 11661
Ion Ratio Lower Upper
43 100
58 12.5 0.0 53.0

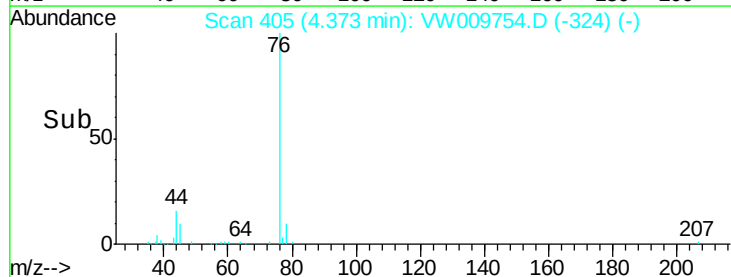
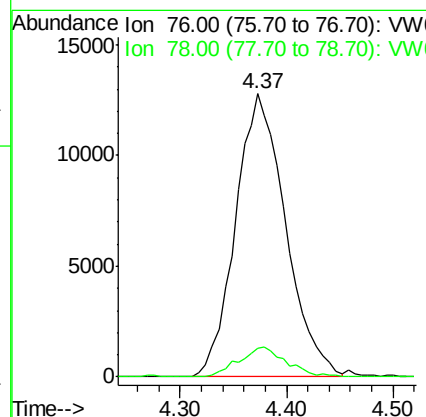
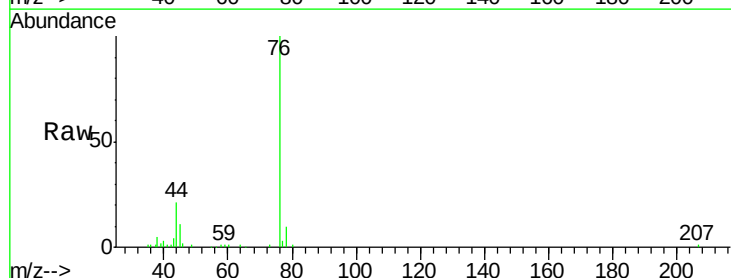
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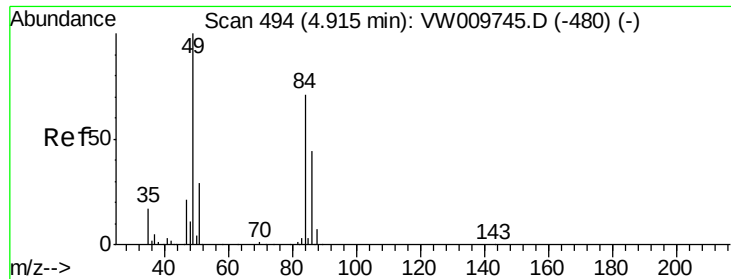
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#14
Carbon disulfide
Concen: 2.526 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009754.D
Acq: 06 Apr 2019 03:52

Tgt Ion: 76 Resp: 41994
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9





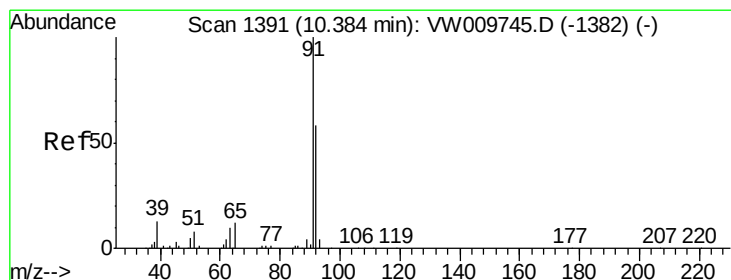
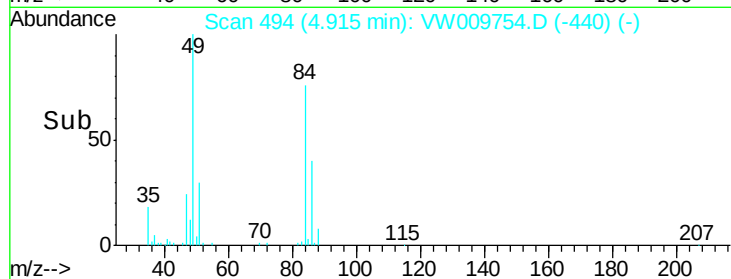
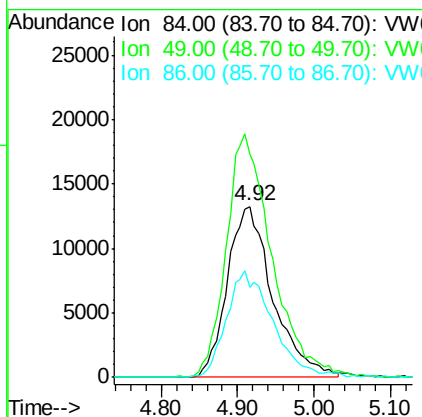
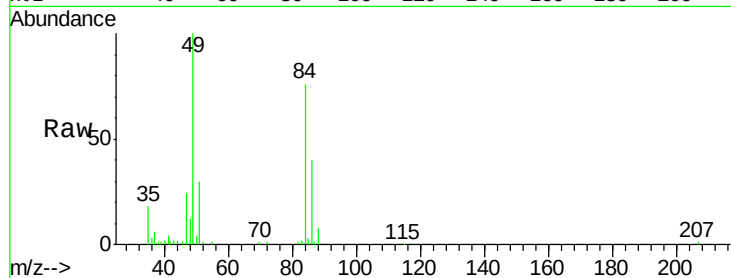
#16
Methylene chloride
Concen: 7.689 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009754.D
Acq: 06 Apr 2019 03:52

Instrument :
MSVOA_W
ClientSampled :
BF662

Tot Ion	84	Resp	54604
Ion Ratio	Lower	Upper	
84	100		
49	130.8	98.3	182.5
86	52.8	46.4	86.2

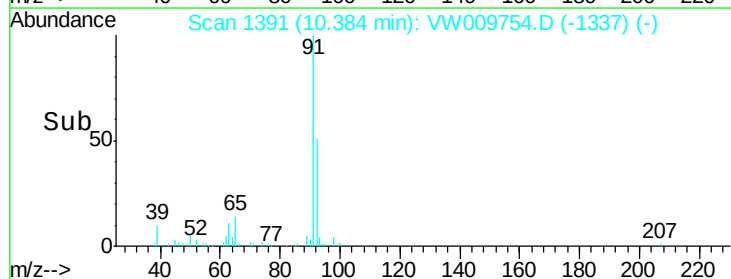
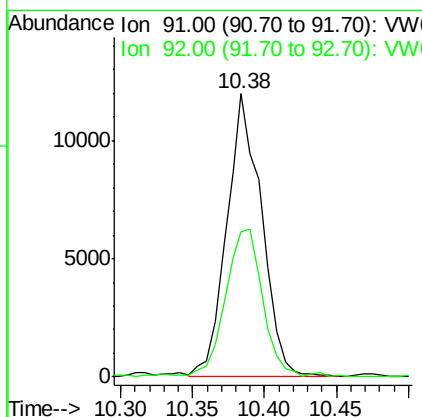
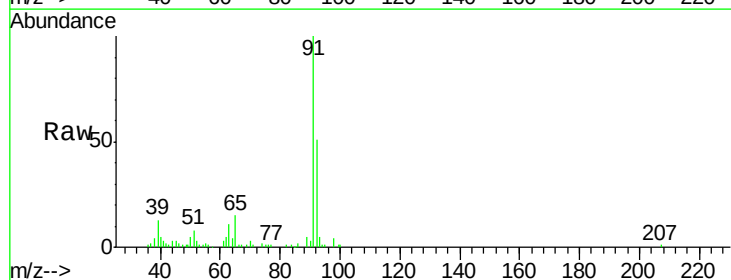
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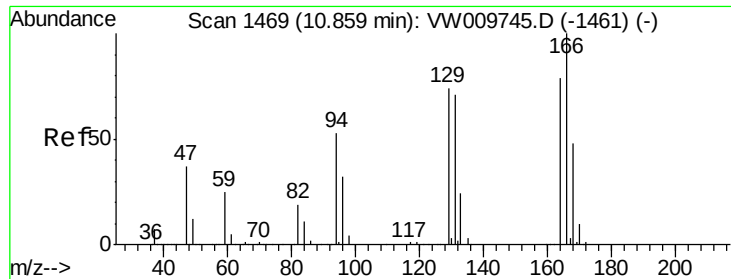
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#44
Toluene
Concen: 1.103 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW009754.D
Acq: 06 Apr 2019 03:52

Tgt Ion	91	Resp	20289
Ion Ratio	Lower	Upper	
91	100		
92	51.4	40.5	75.1





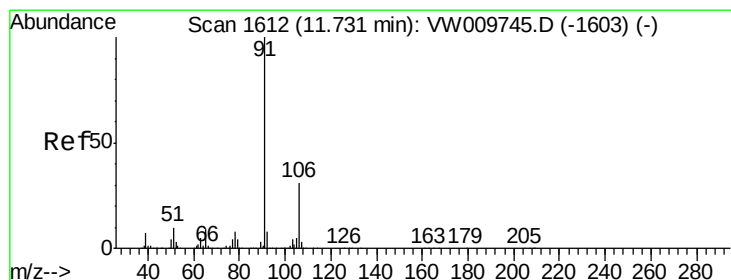
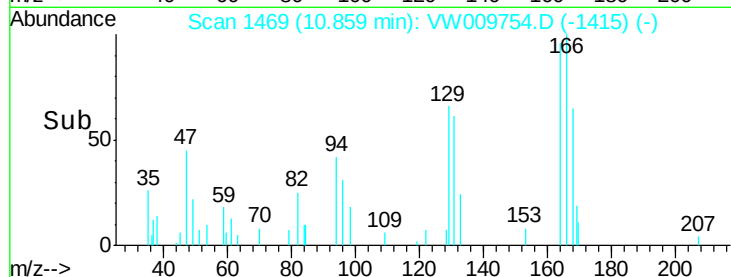
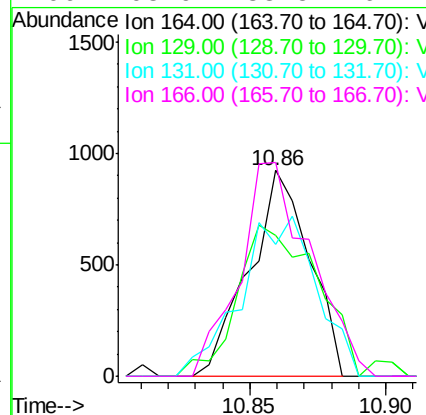
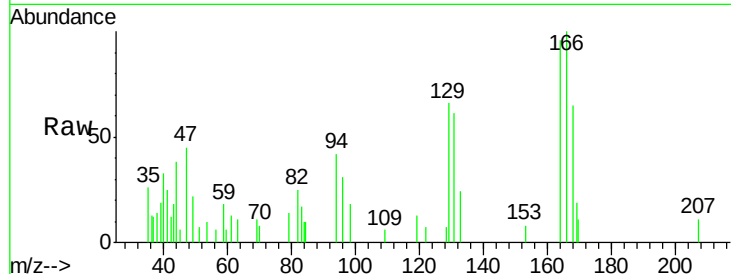
#47
Tetrachloroethene
 Concen: 0.398 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009754.D
 Acq: 06 Apr 2019 03:52

Instrument :
 MSVOA_W
 ClientSampled :
 BF662

Tot Ion:	164	Resp:	1423
Ion	Ratio	Lower	Upper
164	100		
129	68.7	68.9	127.9#
131	63.8	63.1	117.1
166	103.9	88.5	164.4

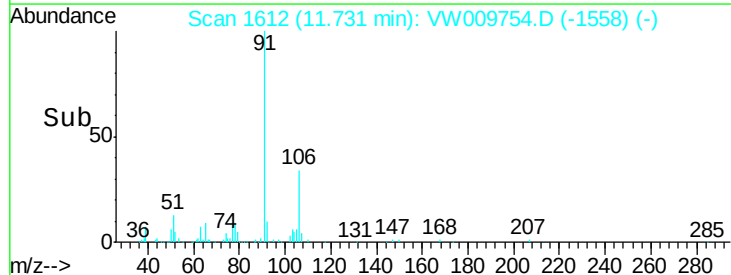
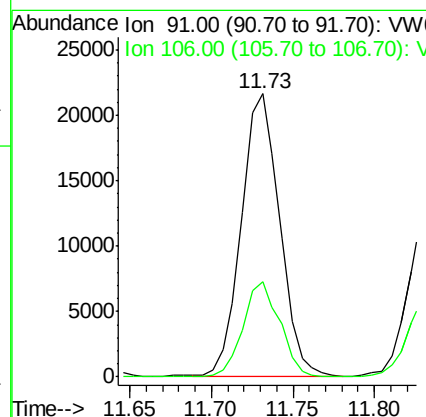
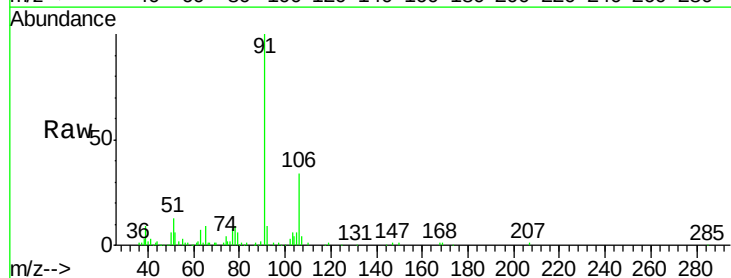
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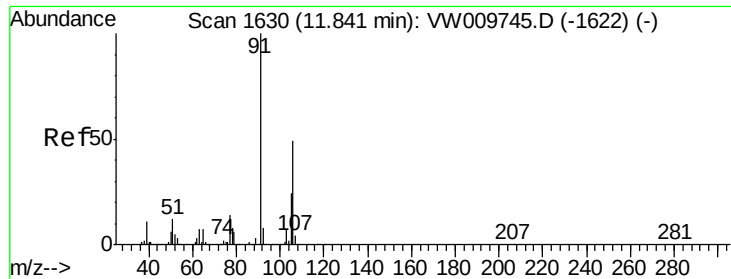
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 4/11/2019 11:42:52 AM



#53
Ethylbenzene
 Concen: 1.700 ug/L
 RT: 11.73 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: VW009754.D
 Acq: 06 Apr 2019 03:52

Tgt Ion:	91	Resp:	35613
Ion	Ratio	Lower	Upper
91	100		
106	33.8	21.5	39.9





#54

m,p-Xylene

Concen: 1.695 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW009754.D

Acq: 06 Apr 2019 03:52

Instrument :

MSVOA_W

ClientSampled :

BF662

Tot Ion:106 Resp: 13130

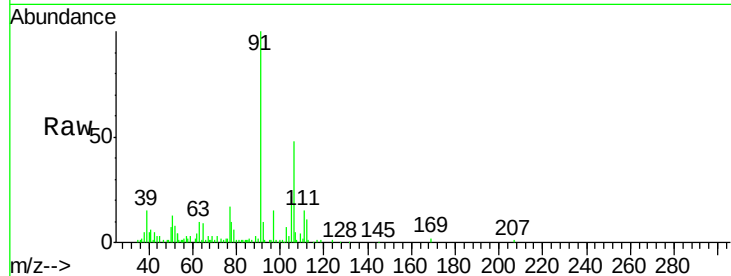
Ion Ratio Lower Upper

106 100

91 206.7 145.3 269.9

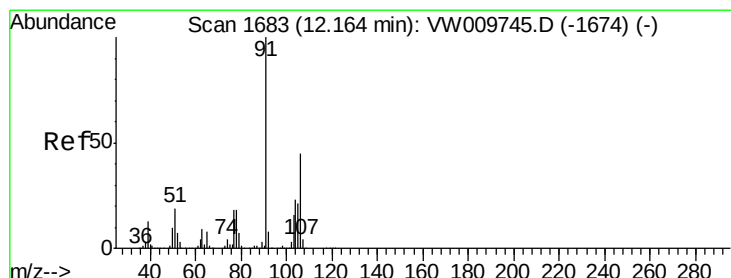
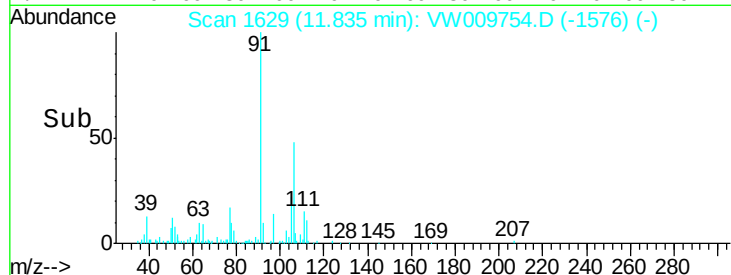
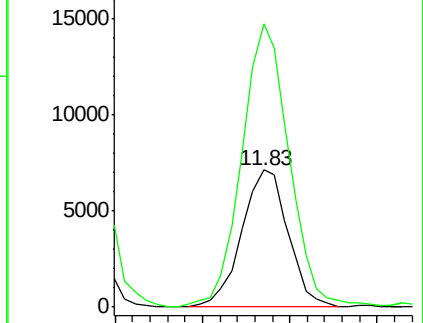
Manual Integrations
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MMDadoda
4/11/2019 11:42:52 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 1.140 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW009754.D

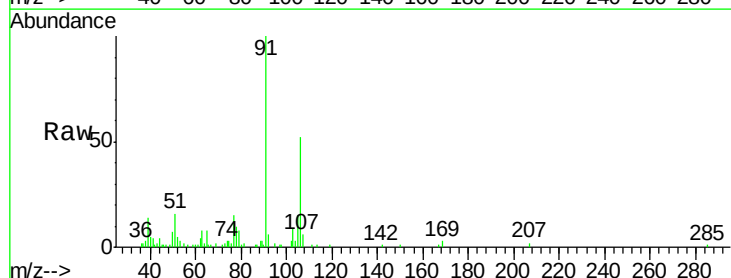
Acq: 06 Apr 2019 03:52

Tgt Ion:106 Resp: 8413

Ion Ratio Lower Upper

106 100

91 193.7 153.9 285.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

