

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009760.D
 Acq On : 06 Apr 2019 06:36
 Operator : SY/VA
 Sample : K2188-10
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF654

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:56 AM

Quant Time: Apr 08 12:34:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:43:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373388	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	226837	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	52936	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125774	25.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.96%
7) Chloroethane-d5	2.89	69	116540	26.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.12%
10) 1,1-Dichloroethene-d2	4.01	63	185318	17.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.56%
20) 2-Butanone-d5	7.08	46	72924	45.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.94%
24) Chloroform-d	7.64	84	242035	23.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	8.30	65	155325m	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.32%
29) Benzene-d6	8.27	84	446653	37.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	150.04%#
33) 1,2-Dichloropropane-d6	9.27	67	136829	37.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.80%#
37) Toluene-d8	10.32	98	308253	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.00%
38) trans-1,3-Dichloropropene-	10.58	79	47472	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.24%
39) 2-Hexanone-d5	10.93	63	48384	69.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.58%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68273	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	40499	21.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	27171	15.985	ug/L	98
14) Carbon disulfide	4.37	76	13641	0.885	ug/L	96
16) Methylene chloride	4.92	84	40043	6.081	ug/L	89
30) Cyclohexane	7.95	56	15301	2.858	ug/L	91
36) Methylcyclohexane	9.34	83	44709	7.614	ug/L	89
44) Toluene	10.39	91	92713	6.413	ug/L	99
53) Ethylbenzene	11.73	91	253105	15.368	ug/L	99
54) m,p-Xylene	11.83	106	309420	50.797	ug/L	97
55) o-xylene	12.16	106	203457	35.070	ug/L	99
57) Isopropylbenzene	12.46	105	115018	7.240	ug/L	97

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

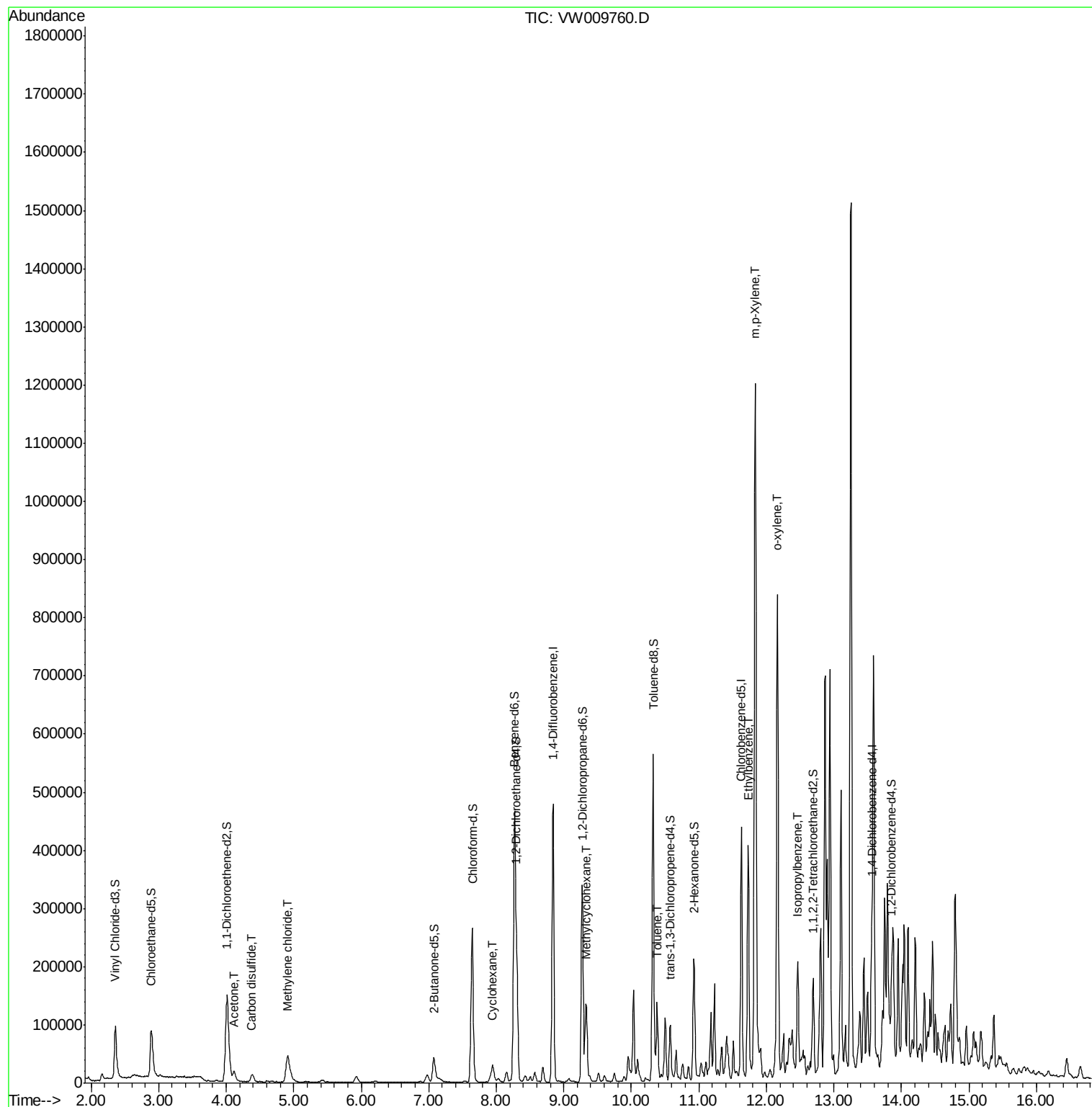
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009760.D
Acq On : 06 Apr 2019 06:36
Operator : SY/VA
Sample : K2188-10
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ALS Vial : 1 Sample Multiplier: 1

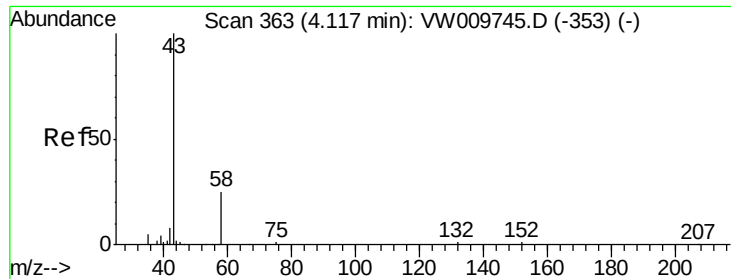
Instrument :
MSVOA_W
ClientSampleId :
BF654

Manual Integrations
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Quant Time: Apr 08 12:34:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:43:12 2019
Response via : Initial Calibration





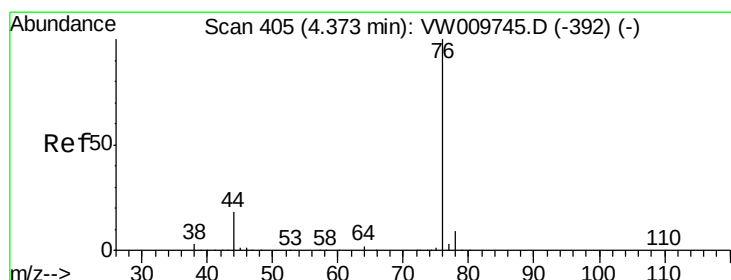
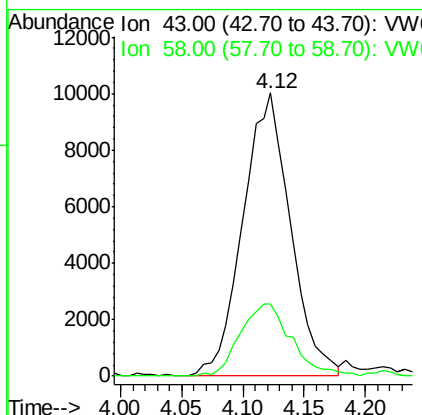
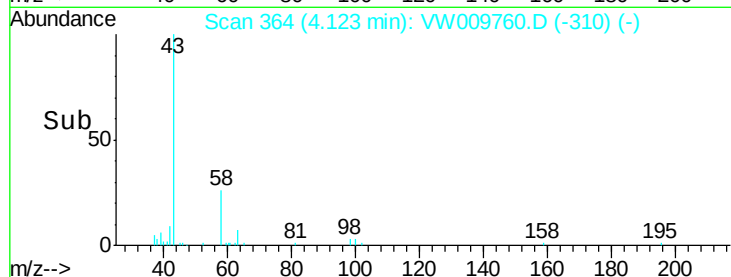
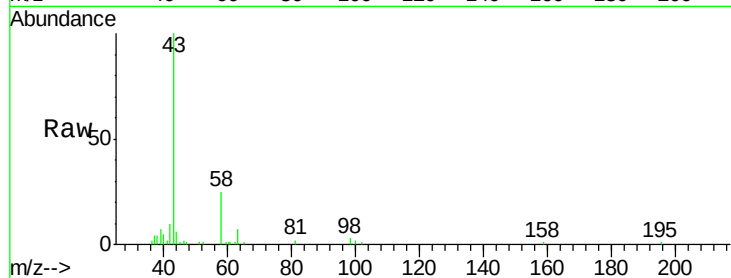
#13
Acetone
Concen: 15.985 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009760.D
Acq: 06 Apr 2019 06:36

Instrument :
MSVOA_W
ClientSampled :
BF654

Tot Ion: 43 Resp: 27171
Ion Ratio Lower Upper
43 100
58 27.4 0.0 53.0

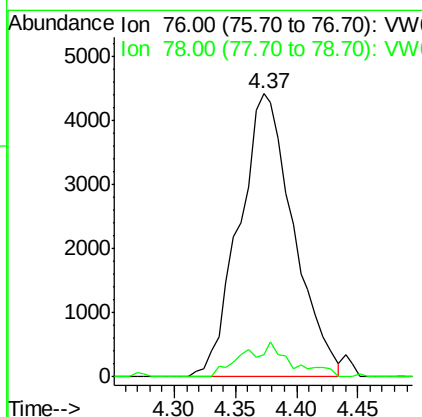
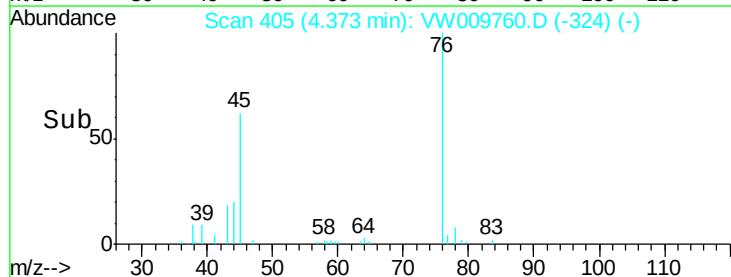
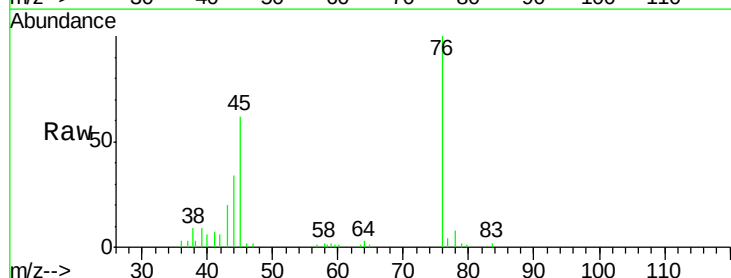
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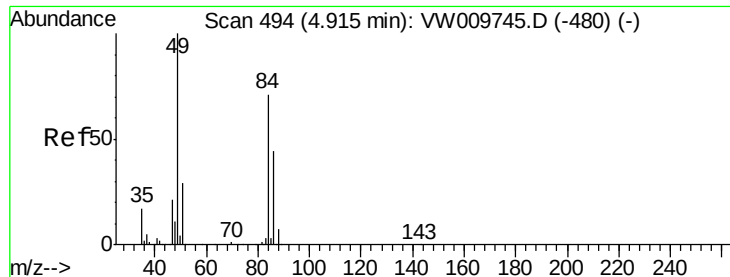
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#14
Carbon disulfide
Concen: 0.885 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009760.D
Acq: 06 Apr 2019 06:36

Tgt Ion: 76 Resp: 13641
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9





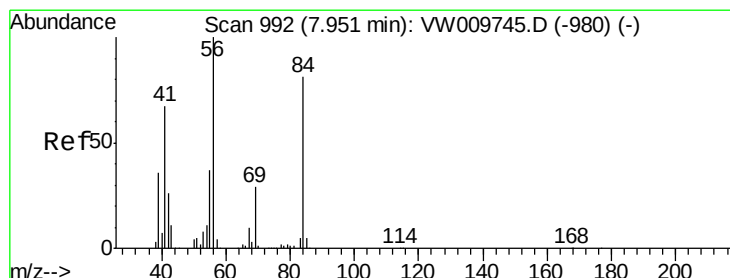
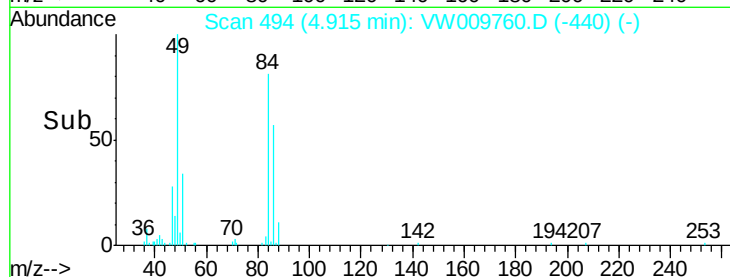
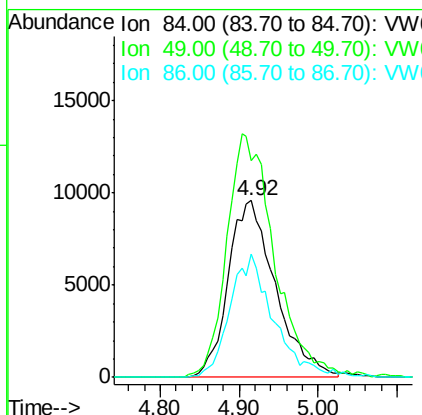
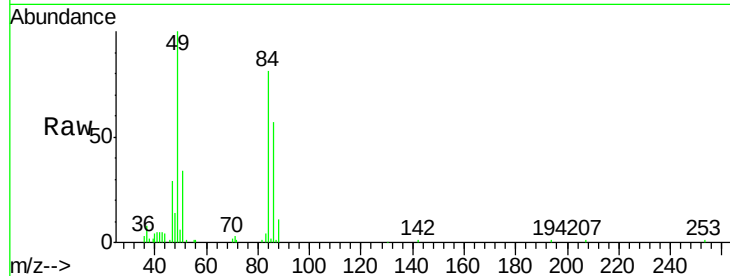
#16
Methylene chloride
Concen: 6.081 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009760.D
Acq: 06 Apr 2019 06:36

Instrument :
MSVOA_W
ClientSampled :
BF654

Tot Ion	Ratio	Lower	Upper
84	100		
49	122.7	98.3	182.5
86	69.4	46.4	86.2

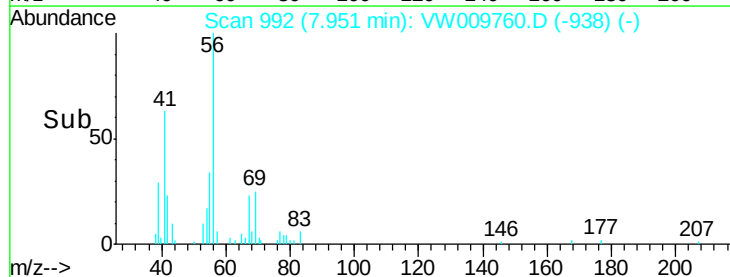
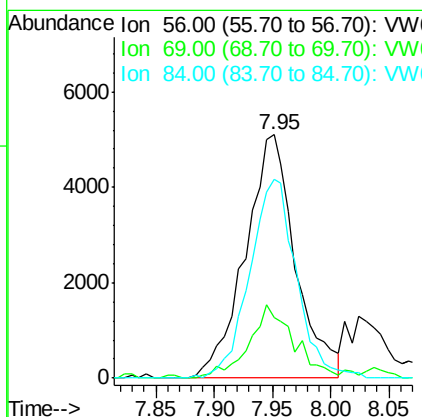
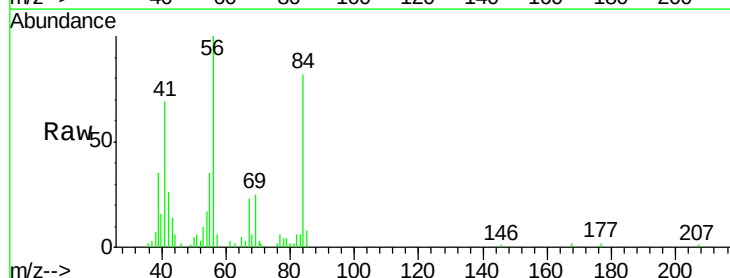
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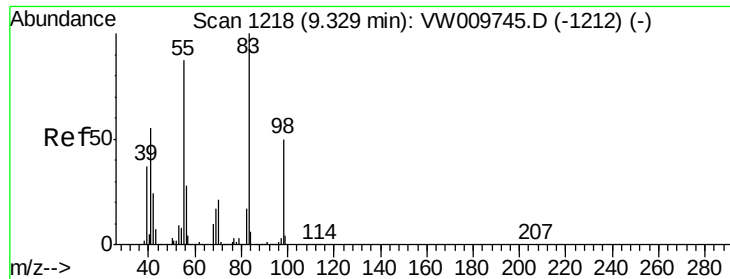
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#30
Cyclohexane
Concen: 2.858 ug/L
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009760.D
Acq: 06 Apr 2019 06:36

Tgt Ion	Ratio	Lower	Upper
56	100		
69	25.1	23.4	35.2
84	76.0	67.7	101.5





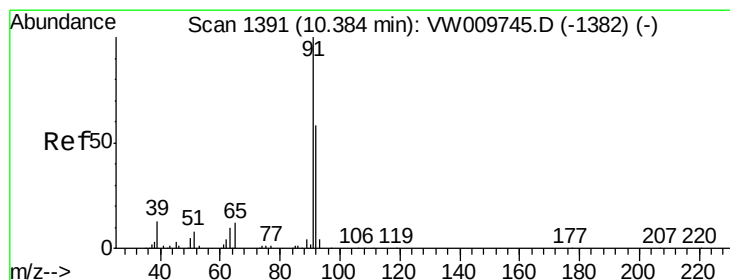
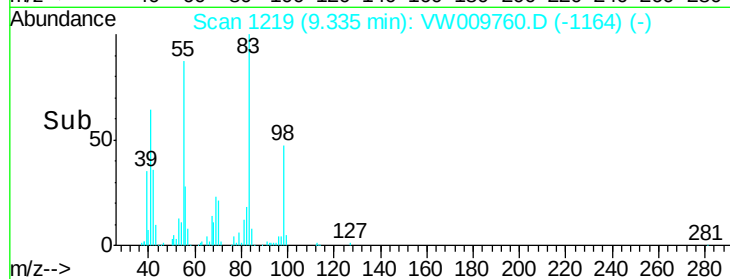
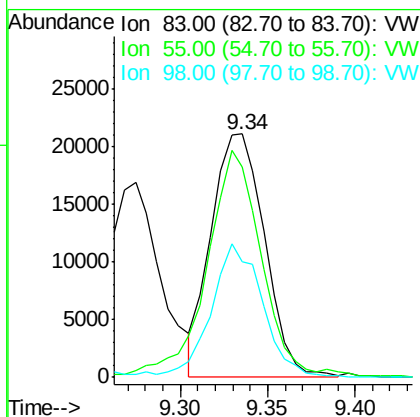
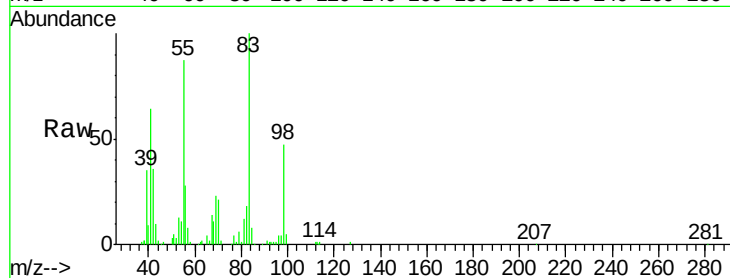
#36
Methylvlcyclohexane
Concen: 7.614 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW009760.D
Acq: 06 Apr 2019 06:36

Instrument :
MSVOA_W
ClientSampled :
BF654

Tot Ion	83	Resp	44709
Ion	Ratio	Lower	Upper
83	100		
55	95.2	66.3	99.5
98	52.8	39.4	59.0

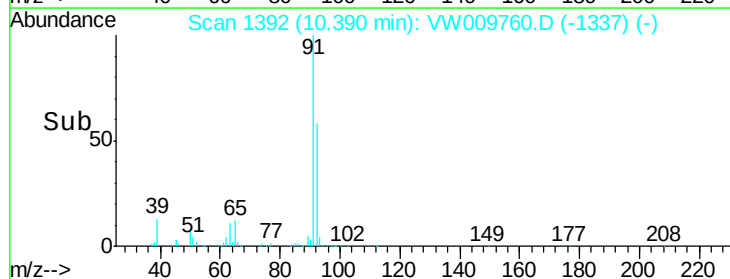
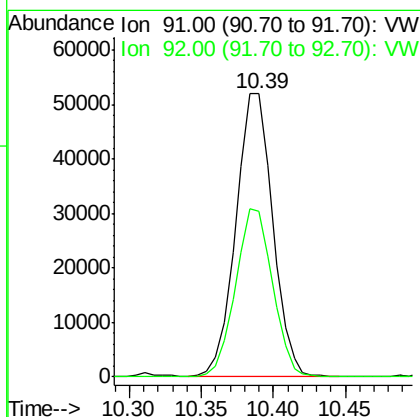
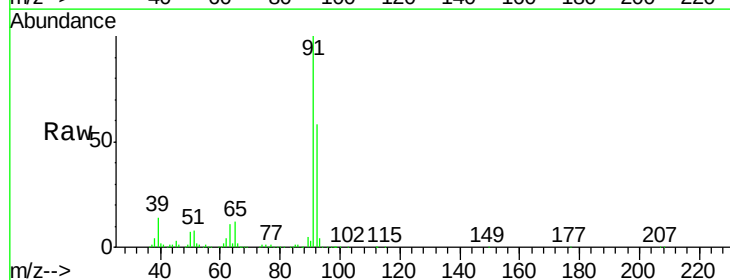
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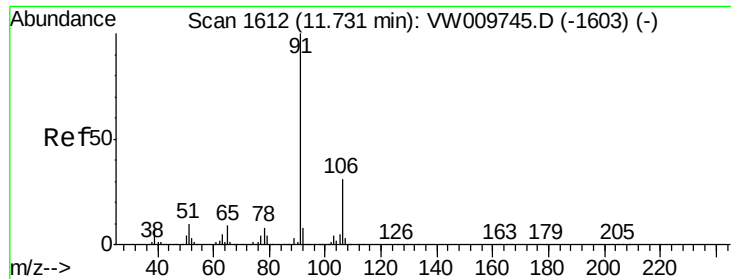
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#44
Toluene
Concen: 6.413 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW009760.D
Acq: 06 Apr 2019 06:36

Tgt Ion	91	Resp	92713
Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.5	75.1





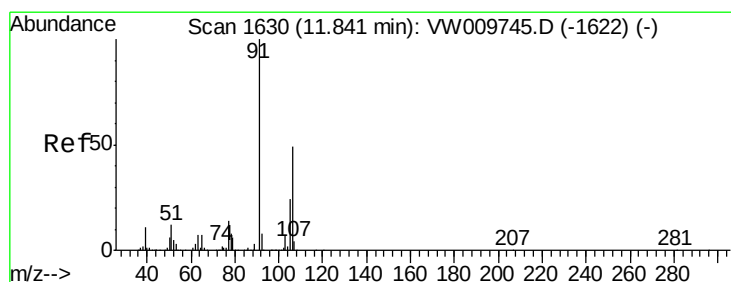
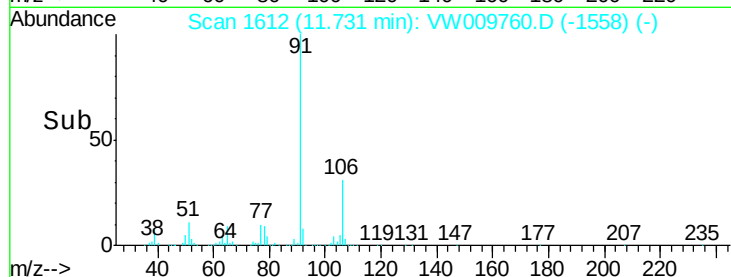
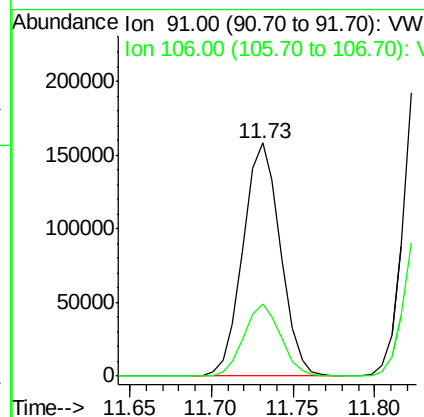
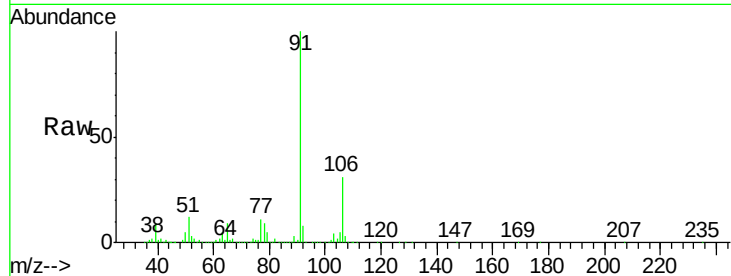
#53
Ethylbenzene
Concen: 15.368 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009760.D
Acq: 06 Apr 2019 06:36

Instrument :
MSVOA_W
ClientSampleId :
BF654

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	31.0	21.5	39.9	

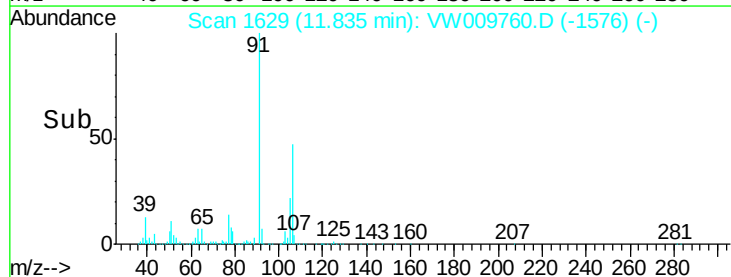
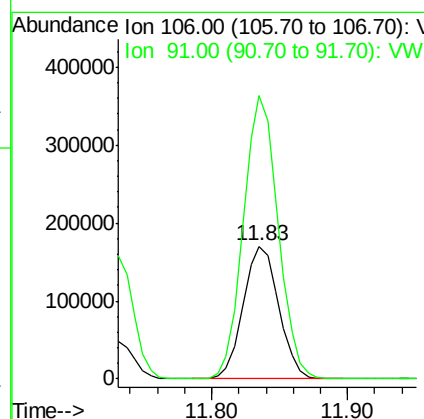
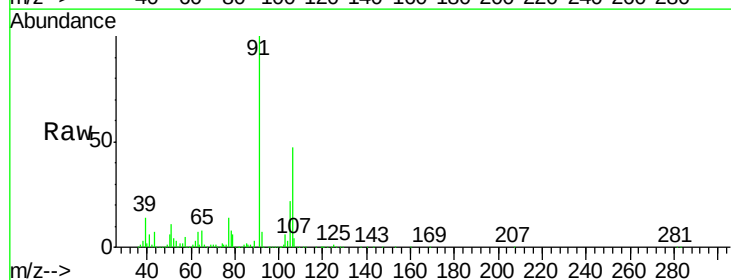
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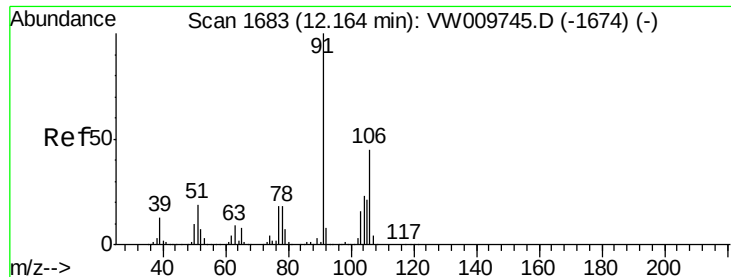
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4/11/2019 11:42:56 AM



#54
m,p-Xylene
Concen: 50.797 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009760.D
Acq: 06 Apr 2019 06:36

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	213.0	145.3	269.9	





#55

o-xylene

Concen: 35.070 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW009760.D

Acq: 06 Apr 2019 06:36

Instrument :

MSVOA_W

ClientSampleId :

BF654

Tot Ion:106 Resp: 203457

Ion Ratio Lower Upper

106 100

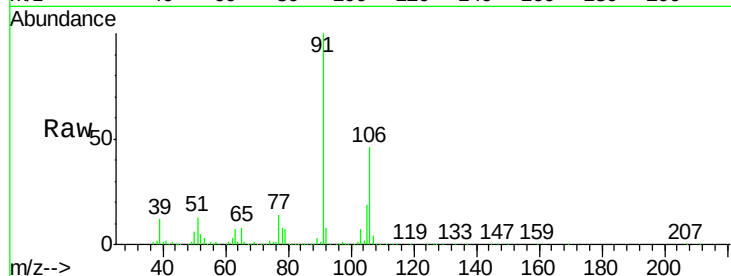
91 217.6 153.9 285.7

Manual Integrations

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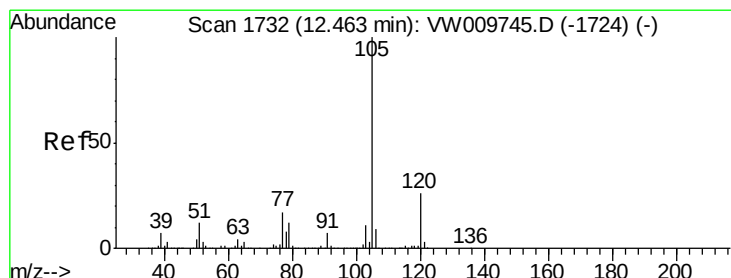
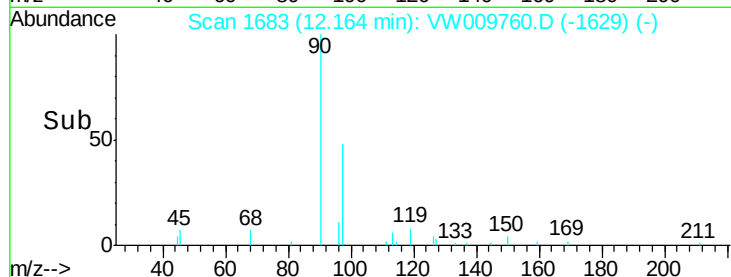
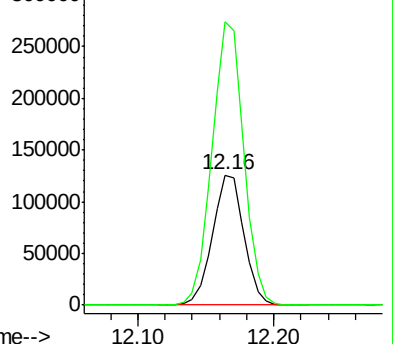
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#57

Isopropylbenzene

Concen: 7.240 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009760.D

Acq: 06 Apr 2019 06:36

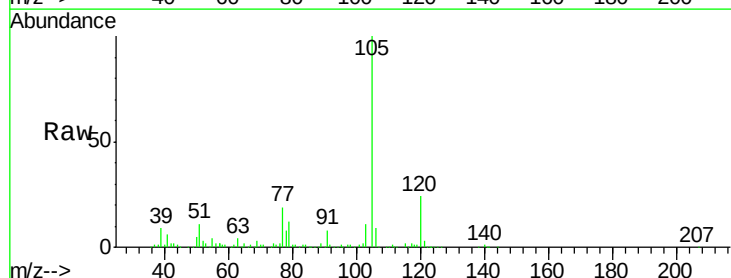
Tgt Ion:105 Resp: 115018

Ion Ratio Lower Upper

105 100

120 25.0 21.0 31.4

77 18.0 13.4 20.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VW

