

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009757.D
 Acq On : 06 Apr 2019 05:14
 Operator : SY/VA
 Sample : K2188-07
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF651

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:42:54 AM

Quant Time: Apr 06 07:20:51 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	451719	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401257	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	126866	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	149936	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
7) Chloroethane-d5	2.89	69	141239	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.32%
10) 1,1-Dichloroethene-d2	4.01	63	250128	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.72%
20) 2-Butanone-d5	7.08	46	106915	55.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.42%
24) Chloroform-d	7.64	84	339264	27.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.08%
26) 1,2-Dichloroethane-d4	8.31	65	213578	28.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.88%
29) Benzene-d6	8.27	84	645069	30.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.48%
33) 1,2-Dichloropropane-d6	9.27	67	203029	31.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.84%#
37) Toluene-d8	10.32	98	553552	28.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.68%
38) trans-1,3-Dichloropropene-	10.58	79	82170	26.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.92%
39) 2-Hexanone-d5	10.93	63	76171	62.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141254	23.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	132820	29.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.36%

Target Compounds

					Ovalue
13) Acetone	4.13	43	61533	29.923 ug/L	96
14) Carbon disulfide	4.37	76	38312	2.054 ug/L	100
16) Methylene chloride	4.92	84	36106m	4.532 ug/L	
21) 2-Butanone	7.17	43	15138m	5.788 ug/L	
44) Toluene	10.38	91	16277	0.636 ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	23116	4.943 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	40846	9.337 ug/L	97

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

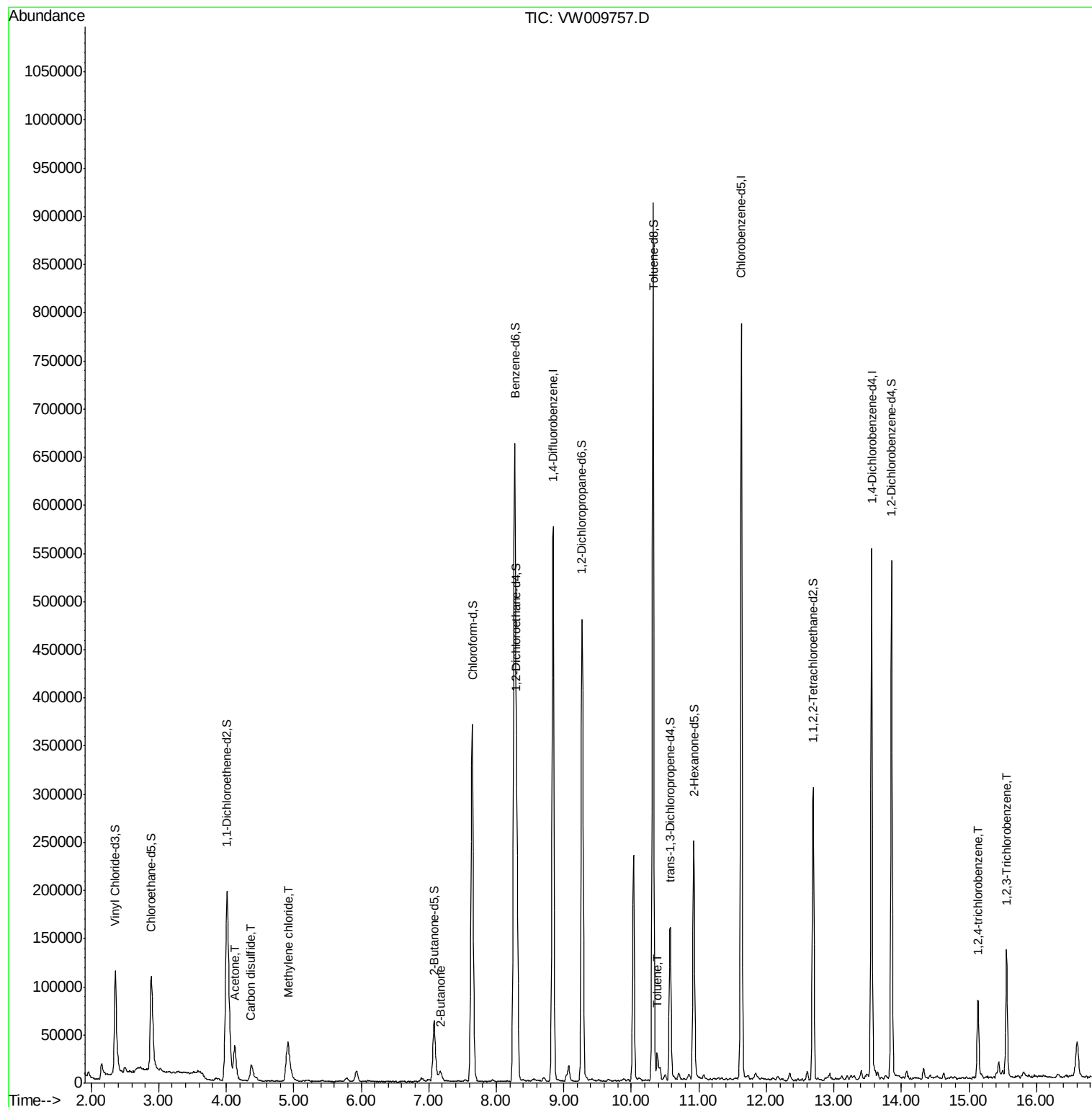
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009757.D
Acq On : 06 Apr 2019 05:14
Operator : SY/VA
Sample : K2188-07
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

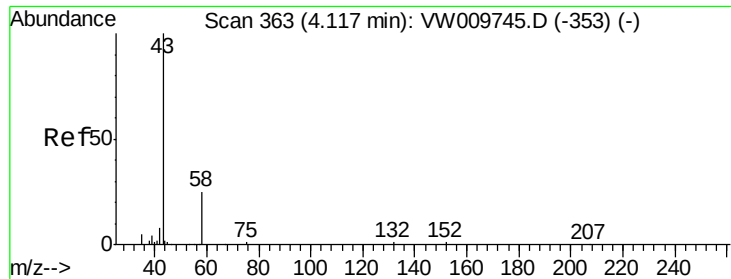
Instrument :
MSVOA_W
ClientSampleId :
BF651

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Quant Time: Apr 06 07:20:51 2019
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: 29.923 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009757.D

Acq: 06 Apr 2019 05:14

Instrument :

MSVOA_W

ClientSampled :

BF651

Tot Ion: 43 Resp: 61533

Ion Ratio Lower Upper

43 100

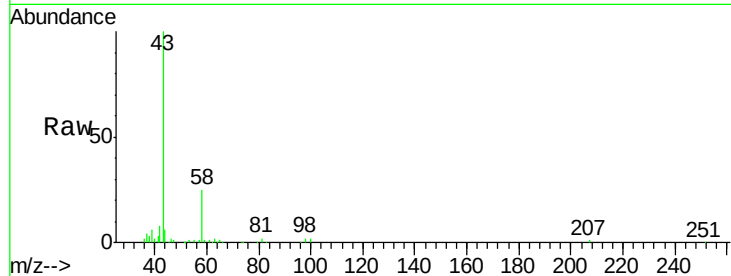
58 24.6 0.0 53.0

Manual Integrations

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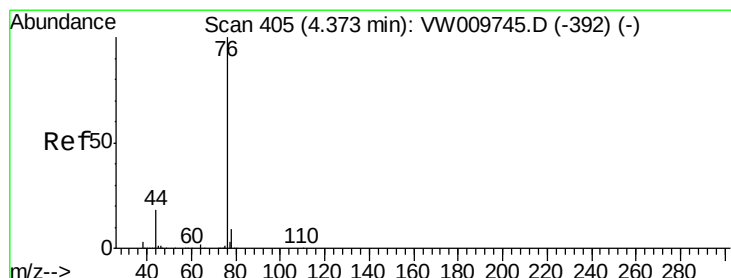
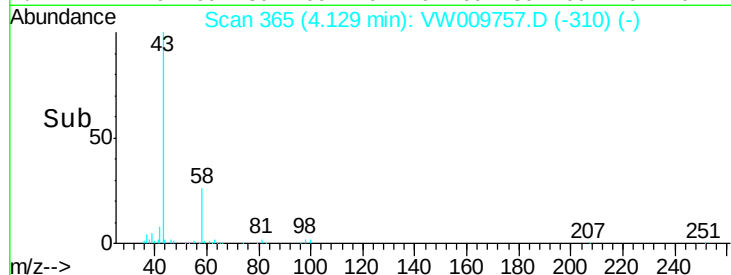
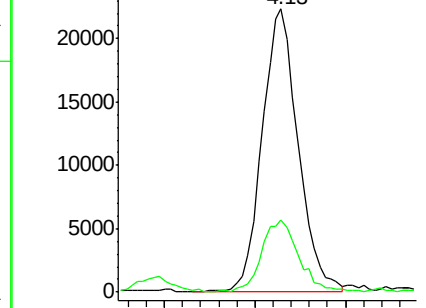
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.054 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009757.D

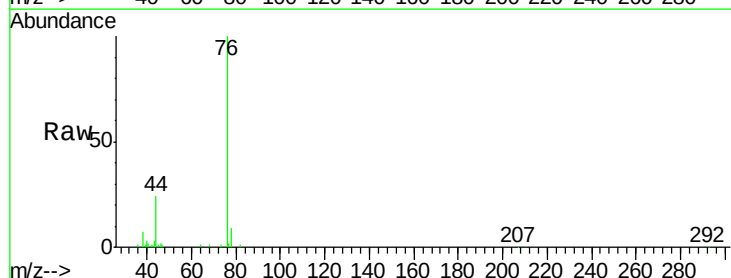
Acq: 06 Apr 2019 05:14

Tgt Ion: 76 Resp: 38312

Ion Ratio Lower Upper

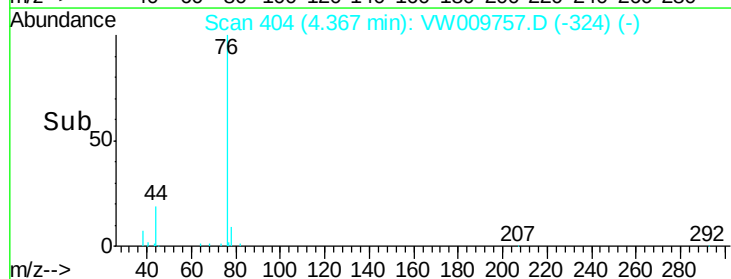
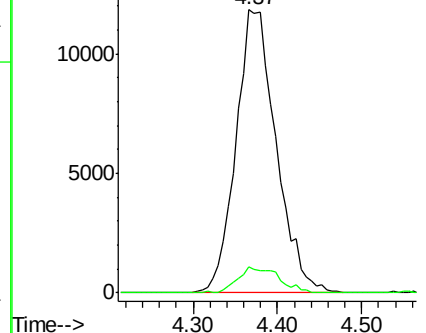
76 100

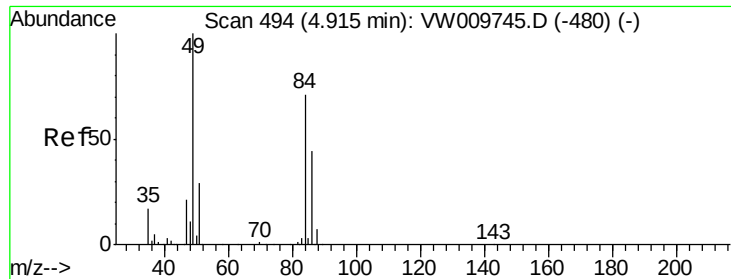
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





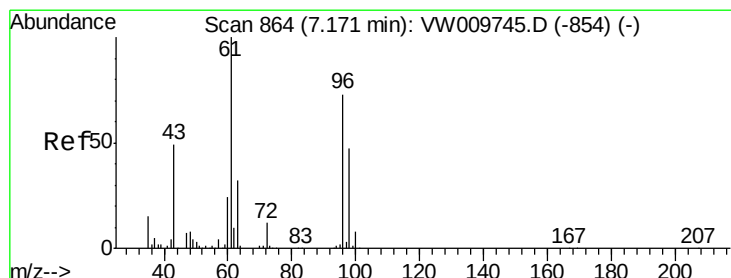
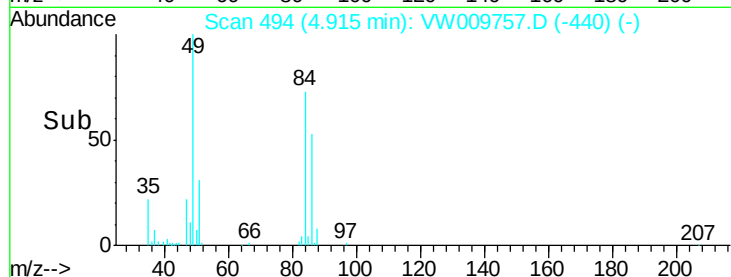
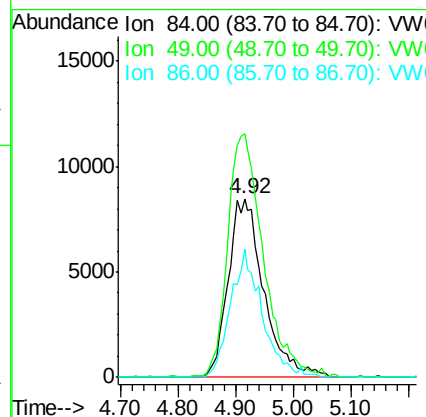
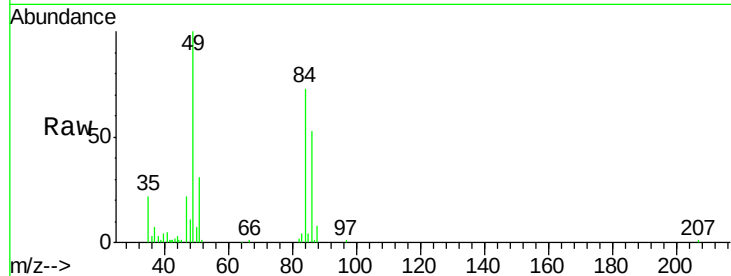
#16
Methylene chloride
Concen: 4.532 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009757.D
Acq: 06 Apr 2019 05:14

Instrument :
MSVOA_W
ClientSampleId :
BF651

Tot Ion	84	Resp	36106
Ion Ratio	Lower	Upper	
84	100		
49	136.5	98.3	182.5
86	71.7	46.4	86.2

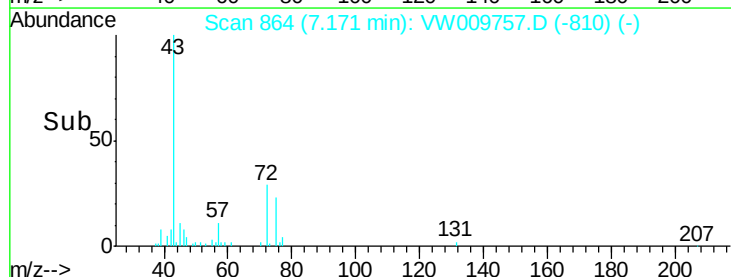
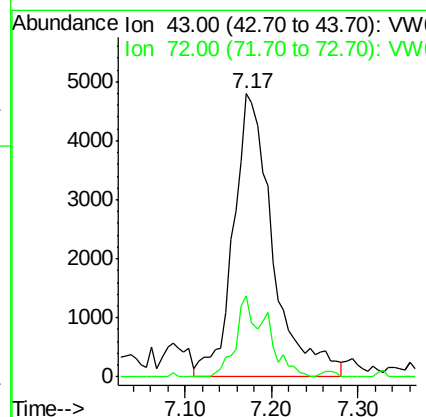
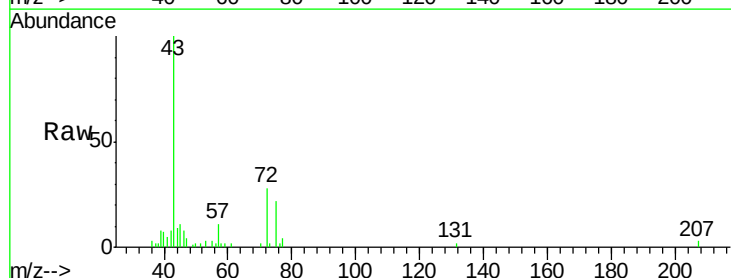
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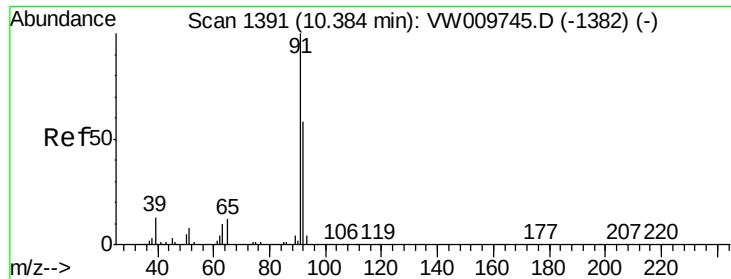
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#21
2-Butanone
Concen: 5.788 ug/L m
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009757.D
Acq: 06 Apr 2019 05:14

Tgt Ion	43	Resp	15138
Ion Ratio	Lower	Upper	
43	100		
72	0.4	12.0	36.1#





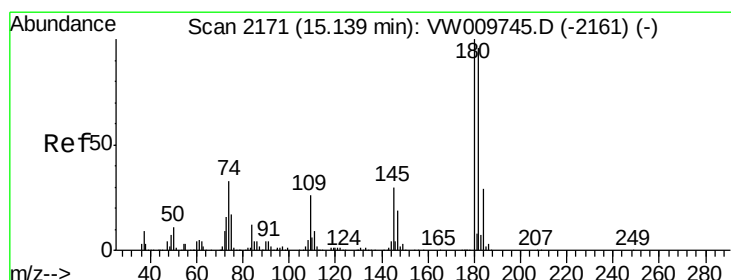
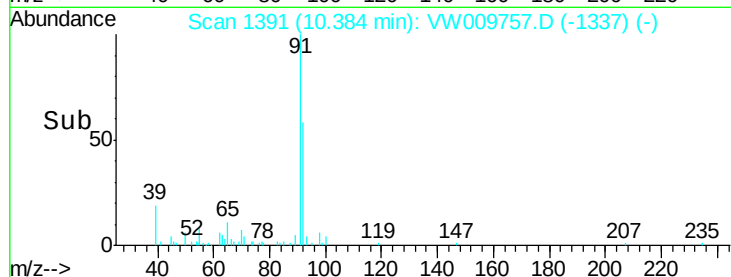
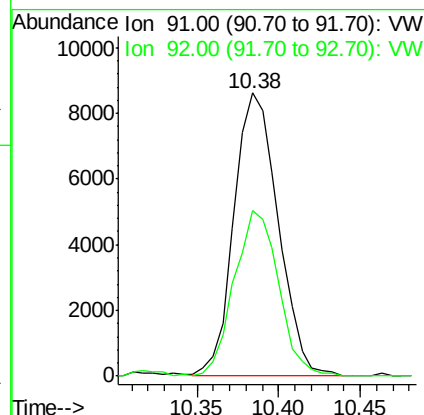
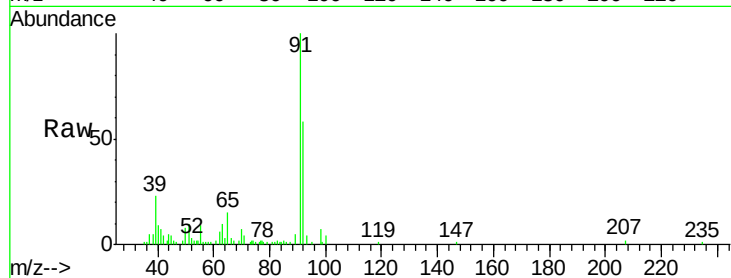
#44
Toluene
Concen: 0.636 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW009757.D
Acq: 06 Apr 2019 05:14

Instrument :
MSVOA_W
ClientSampled :
BF651

Tot Ion: 91 Resp: 16277
Ion Ratio Lower Upper
91 100
92 58.4 40.5 75.1

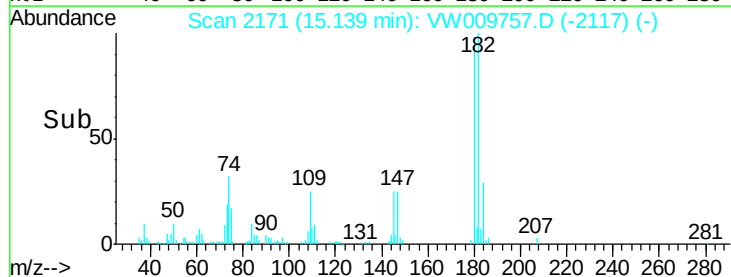
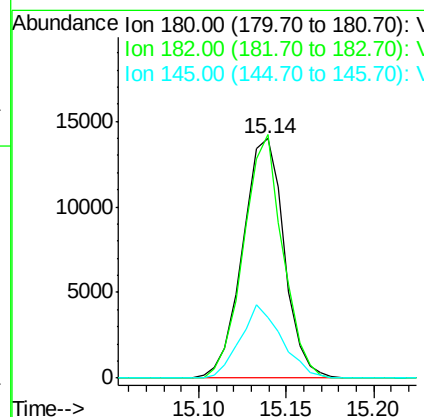
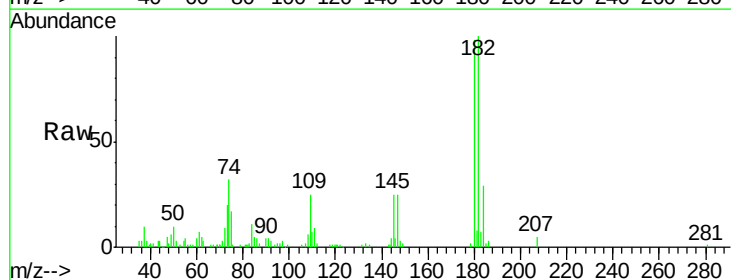
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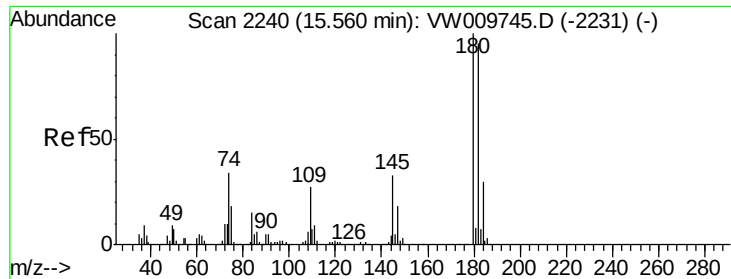
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#68
1,2,4-trichlorobenzene
Concen: 4.943 ug/L
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW009757.D
Acq: 06 Apr 2019 05:14

Tgt Ion: 180 Resp: 23116
Ion Ratio Lower Upper
180 100
182 95.5 75.8 113.8
145 30.4 24.3 36.5





#70
 1,2,3-Trichlorobenzene
 Concen: 9.337 ug/L
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW009757.D
 Acq: 06 Apr 2019 05:14

Instrument :
 MSVOA_W
 ClientSampleId :
 BF651

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.0	112.4
145	32.6	25.8	38.6

Manual Integrations
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