

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009755.D
 Acq On : 06 Apr 2019 04:19
 Operator : SY/VA
 Sample : K2188-02RE
 Misc : 3.51G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF649RE

Manual Integrations
 APPROVED

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

Quant Time: Apr 07 22:05:23 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	434675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311700	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80323	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	157922	27.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.04%
7) Chloroethane-d5	2.89	69	148355	28.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.88%
10) 1,1-Dichloroethene-d2	4.01	63	255080	20.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.40%
20) 2-Butanone-d5	7.07	46	85289	46.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.36%
24) Chloroform-d	7.64	84	325532	27.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	8.31	65	192578	26.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.80%
29) Benzene-d6	8.27	84	627890	38.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.48%#
33) 1,2-Dichloropropane-d6	9.27	67	190863	37.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.08%#
37) Toluene-d8	10.32	98	480935	31.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.16%
38) trans-1,3-Dichloropropene-	10.58	79	40955	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.96%
39) 2-Hexanone-d5	10.93	63	55912	58.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	105121	22.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	75578	26.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.24%

Target Compounds

					Ovalue
13) Acetone	4.12	43	38601	19.508 ug/L	81
14) Carbon disulfide	4.37	76	37651	2.098 ug/L	95
16) Methylene chloride	4.92	84	24205m	3.157 ug/L	
21) 2-Butanone	7.17	43	13043	5.183 ug/L	99
44) Toluene	10.39	91	9369	0.472 ug/L	87
53) Ethylbenzene	11.73	91	21603	0.955 ug/L	94
54) m,p-Xylene	11.85	106	5014	0.599 ug/L	87
55) o-xylene	12.16	106	17789	2.231 ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	15483	3.116 ug/L #	73
64) 1,4-Dichlorobenzene	13.58	146	24400	4.605 ug/L #	81

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

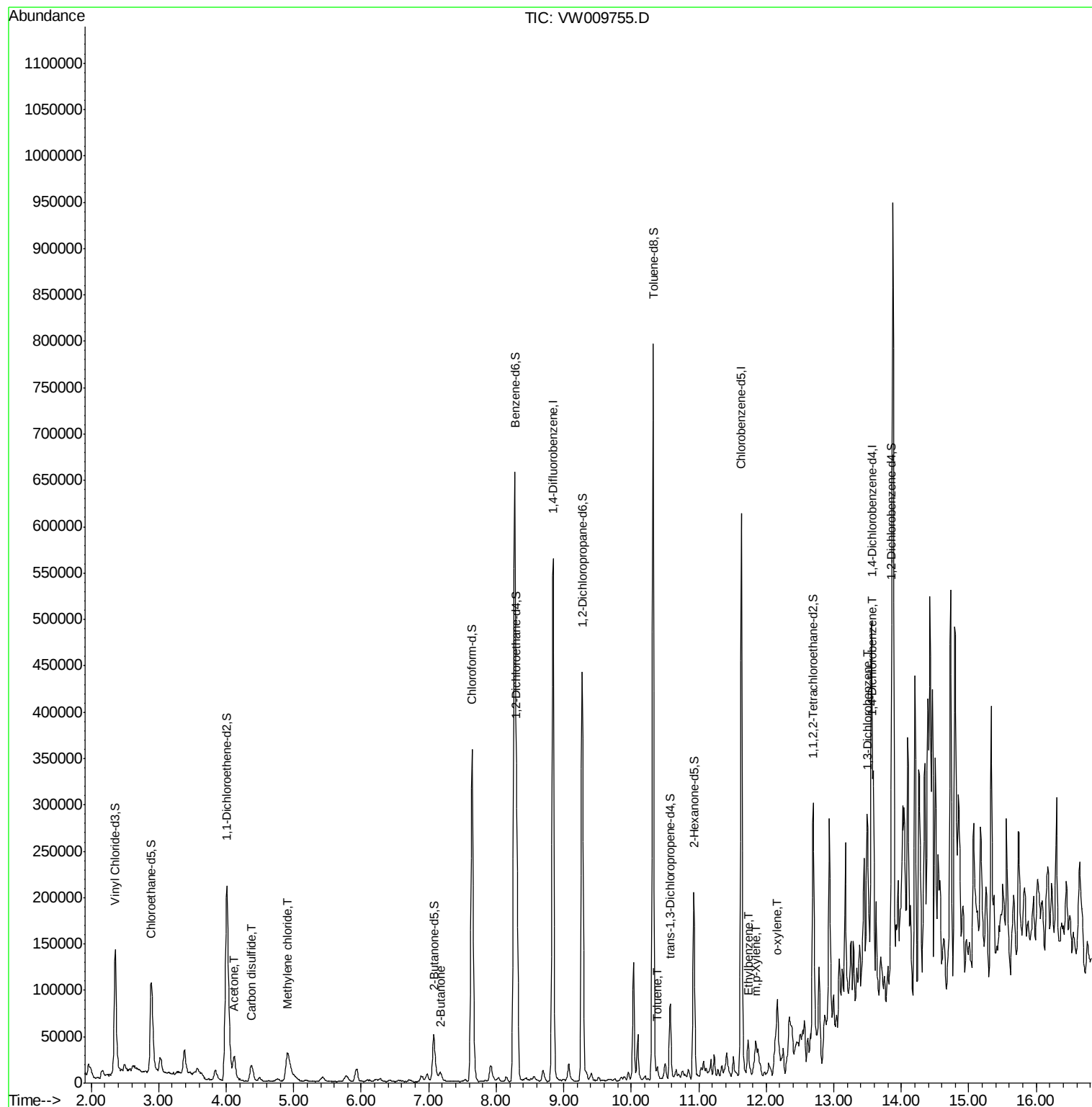
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009755.D
Acq On : 06 Apr 2019 04:19
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

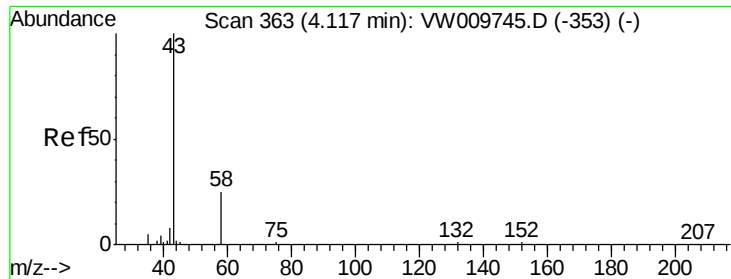
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
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Response via : Initial Calibration





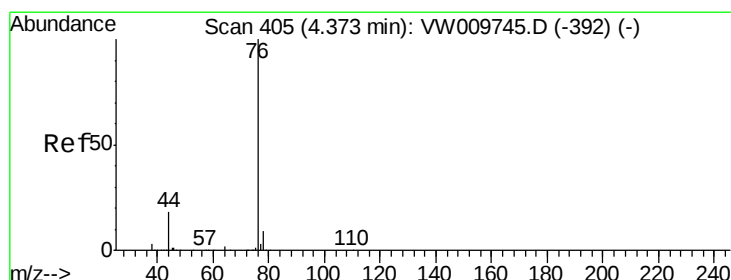
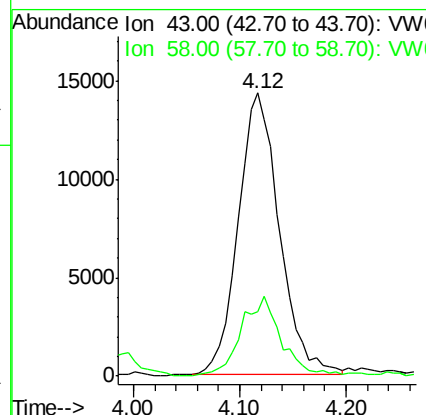
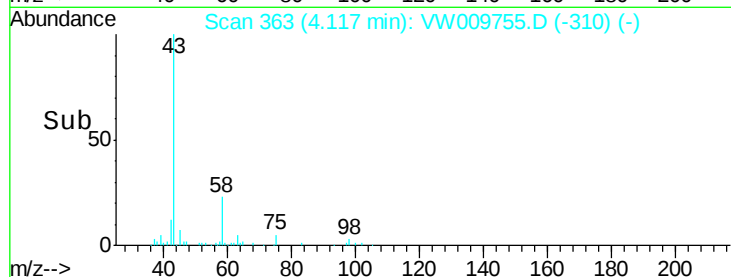
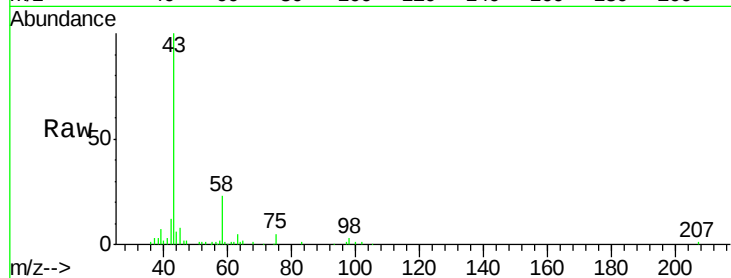
#13
Acetone
Concen: 19.508 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW009755.D
Acq: 06 Apr 2019 04:19

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

Tot Ion	43	Resp	38601
Ion Ratio	100	Lower	Upper
43	100		
58	16.8	0.0	53.0

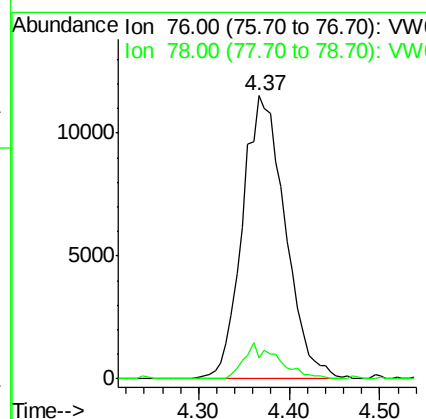
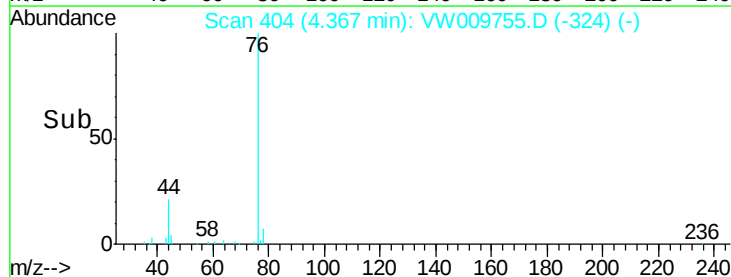
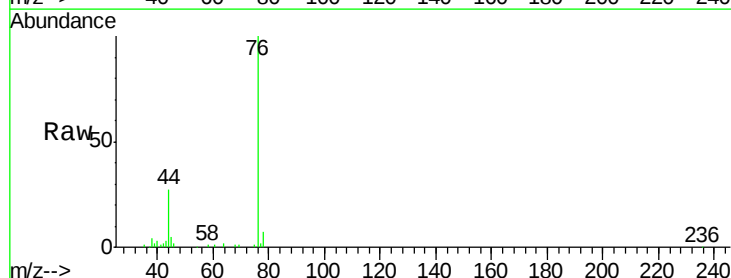
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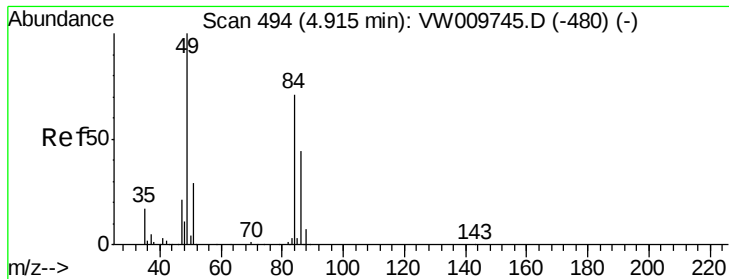
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#14
Carbon disulfide
Concen: 2.098 ug/L
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW009755.D
Acq: 06 Apr 2019 04:19

Tgt Ion	76	Resp	37651
Ion Ratio	100	Lower	Upper
76	100		
78	7.4	7.3	10.9





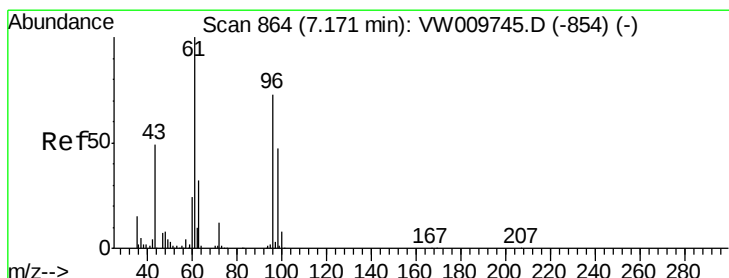
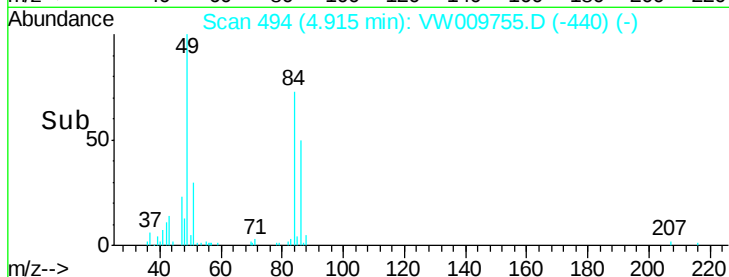
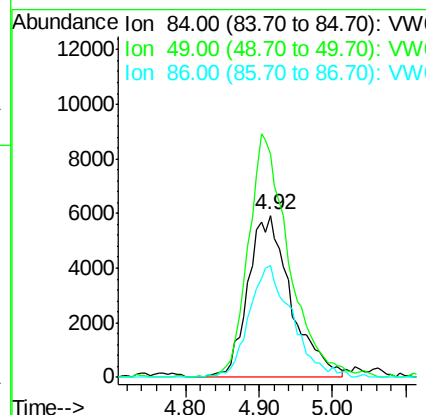
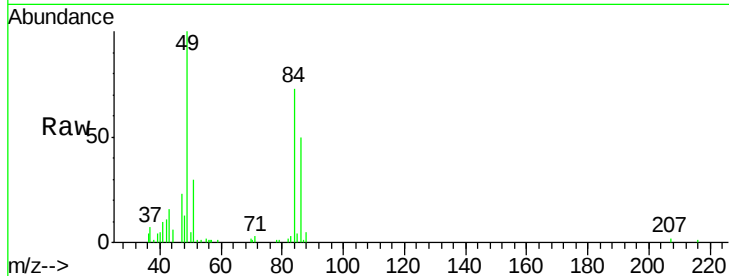
#16
Methvlene chloride
Concen: 3.157 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009755.D
Acq: 06 Apr 2019 04:19

Instrument :
MSVOA_W
ClientSampleId :
BF649RE

Tot Ion	Ratio	Lower	Upper
84	100		
49	137.5	98.3	182.5
86	69.3	46.4	86.2

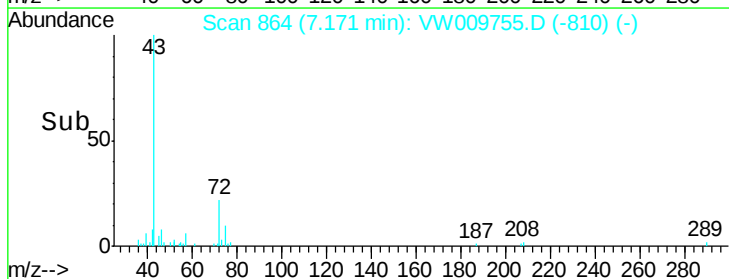
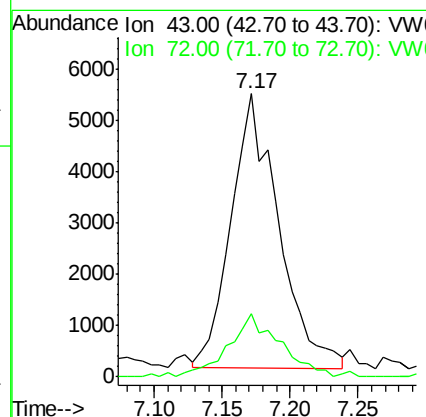
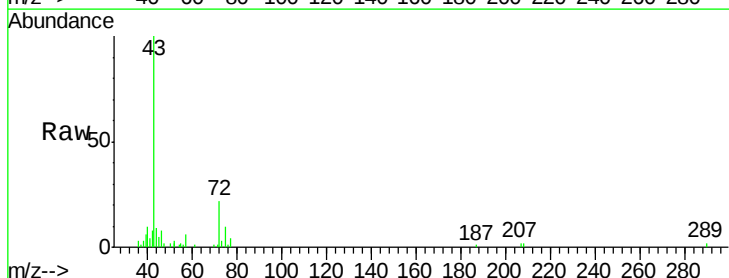
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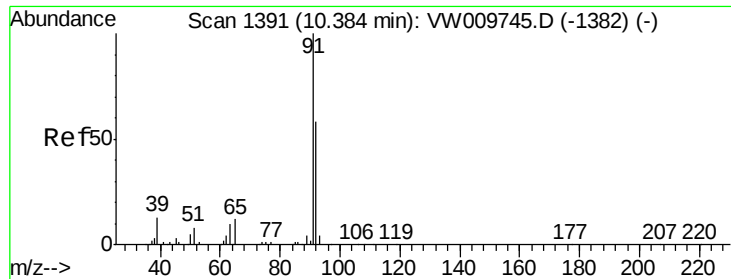
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#21
2-Butanone
Concen: 5.183 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009755.D
Acq: 06 Apr 2019 04:19

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.7	12.0	36.1





#44

Toluene

Concen: 0.472 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW009755.D

Acq: 06 Apr 2019 04:19

Instrument :

MSVOA_W

ClientSampleId :

BF649RE

Tot Ion: 91 Resp: 9369

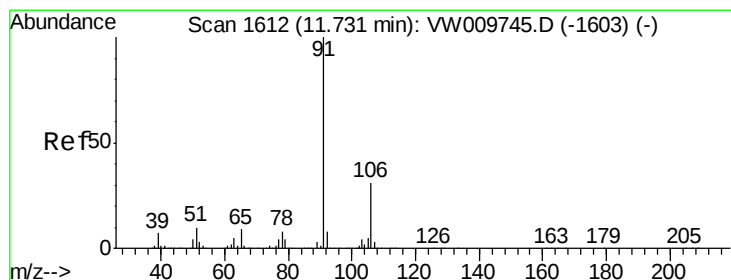
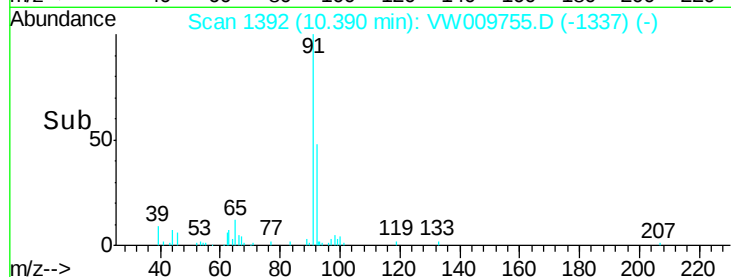
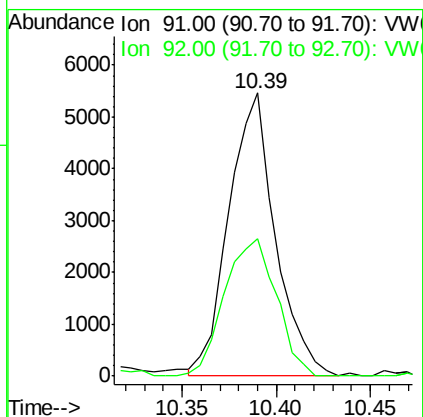
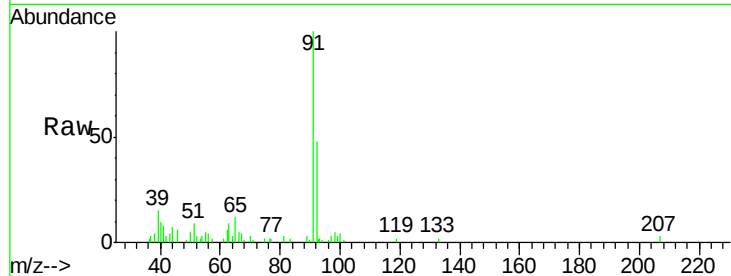
Ion Ratio Lower Upper

91 100

92 48.5 40.5 75.1

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4/11/2019 11:42:52 AM



#53

Ethylbenzene

Concen: 0.955 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009755.D

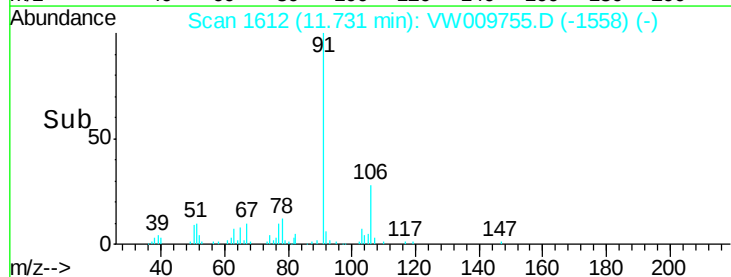
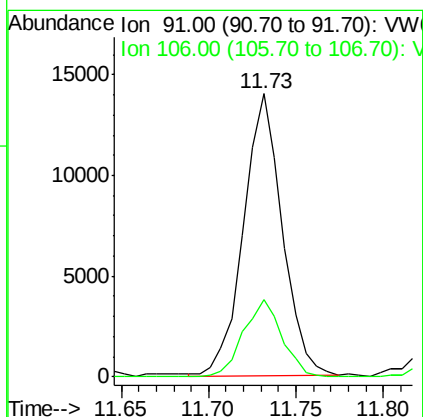
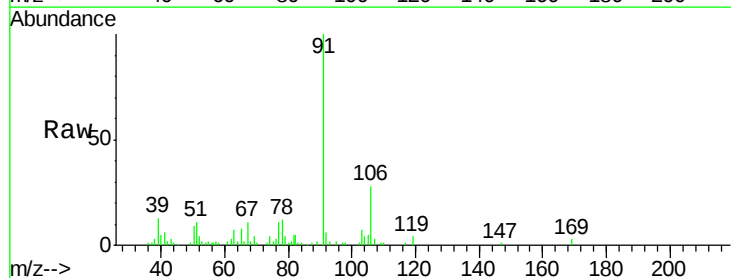
Acq: 06 Apr 2019 04:19

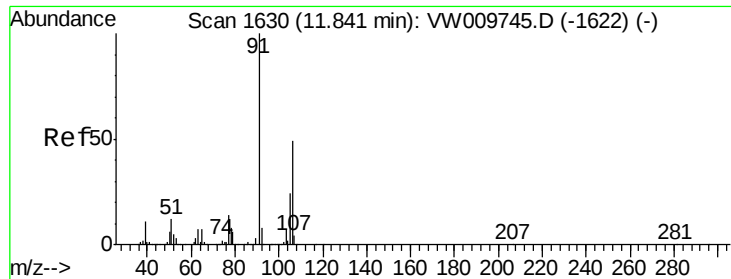
Tgt Ion: 91 Resp: 21603

Ion Ratio Lower Upper

91 100

106 27.5 21.5 39.9





#54

m,p-Xylene

Concen: 0.599 ug/L

RT: 11.85 min Scan# 1631

Delta R.T. 0.01 min

Lab File: VW009755.D

Acq: 06 Apr 2019 04:19

Instrument :

MSVOA_W

ClientSampleId :

BF649RE

Tot Ion:106 Resp: 5014

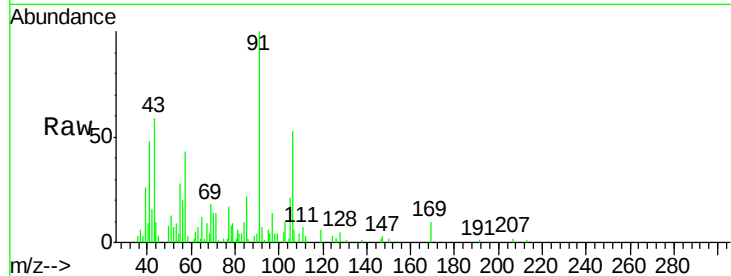
Ion Ratio Lower Upper

106 100

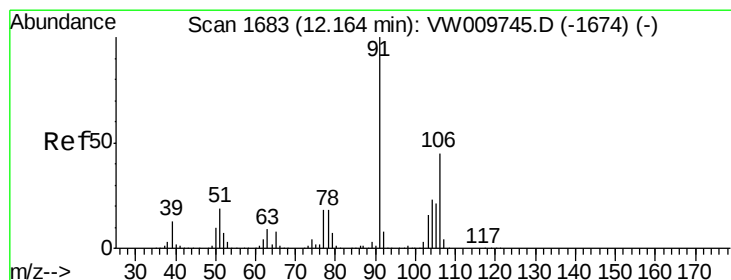
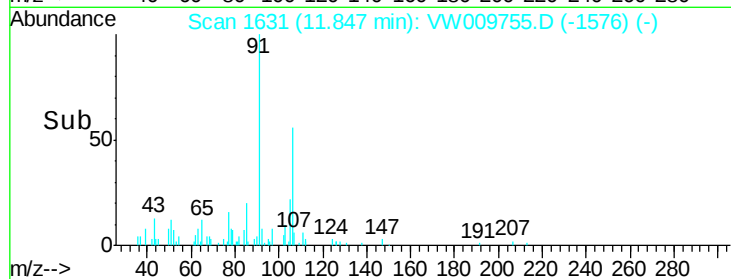
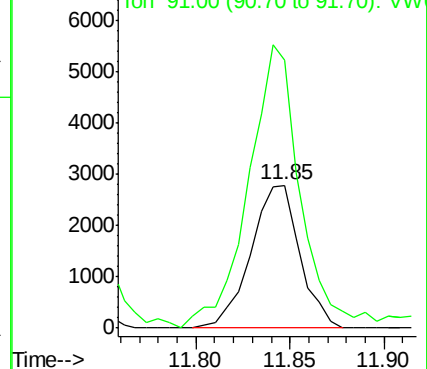
91 187.1 145.3 269.9

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Abundance Ion 106.00 (105.70 to 106.70): V



#55

o-xylene

Concen: 2.231 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW009755.D

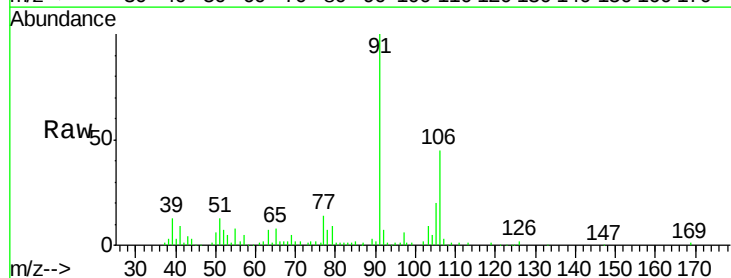
Acq: 06 Apr 2019 04:19

Tgt Ion:106 Resp: 17789

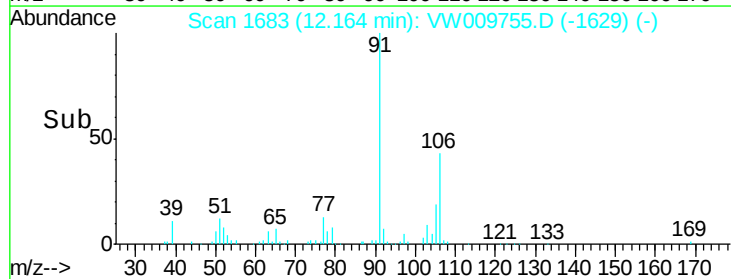
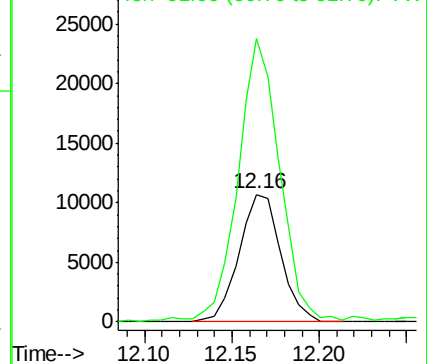
Ion Ratio Lower Upper

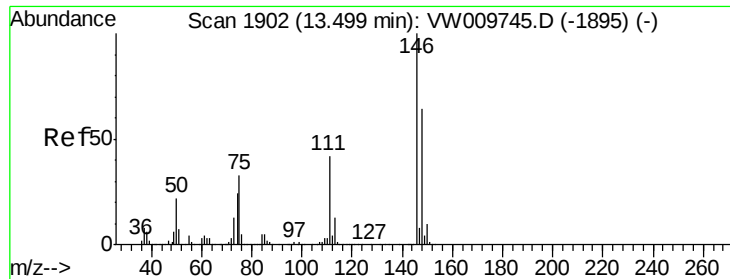
106 100

91 222.2 153.9 285.7



Abundance Ion 106.00 (105.70 to 106.70): V





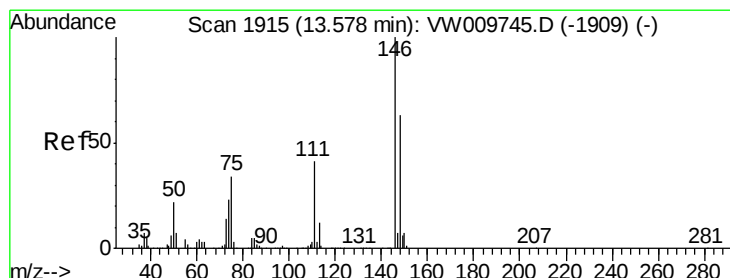
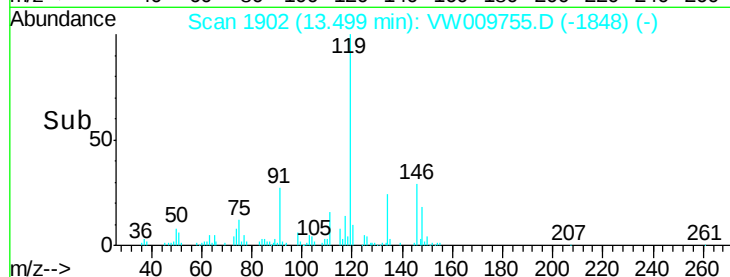
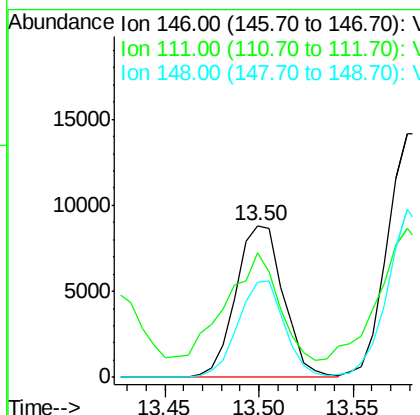
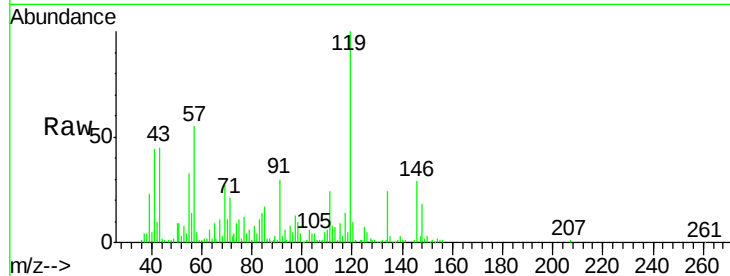
#63
 1,3-Dichlorobenzene
 Concen: 3.116 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009755.D
 Acq: 06 Apr 2019 04:19

Instrument :
 MSVOA_W
 ClientSampled :
 BF649RE

Tot Ion	Ratio	Lower	Upper
146	100		
111	82.6	28.1	52.3#
148	62.9	44.3	82.3

Manual Integrations
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#64
 1,4-Dichlorobenzene
 Concen: 4.605 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009755.D
 Acq: 06 Apr 2019 04:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	61.3	27.4	50.8#
148	69.2	43.8	81.3

