

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\
 Data File : VW014137.D
 Acq On : 26 Nov 2019 16:16
 Operator : SY/VA
 Sample : K6063-02
 Misc : 5.34G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 C0BM8

Manual Integrations
 APPROVED

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 11/27/2019 6:05:33 PM

Quant Time: Nov 27 08:30:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 27 06:15:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	167395	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	69416	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	7849	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68778	25.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.00%
7) Chloroethane-d5	2.89	69	70655	32.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	130.52%
10) 1,1-Dichloroethene-d2	4.01	63	101460	18.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.04%
20) 2-Butanone-d5	7.07	46	65215	84.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.10%#
24) Chloroform-d	7.65	84	178577	34.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	138.80%
26) 1,2-Dichloroethane-d4	8.31	65	81318	31.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.72%
29) Benzene-d6	8.27	84	322889	65.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	262.24%#
33) 1,2-Dichloropropane-d6	9.27	67	101538	70.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	281.52%#
37) Toluene-d8	10.32	98	158376	33.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	135.64%#
38) trans-1,3-Dichloropropene-	10.57	79	14315	23.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.68%
39) 2-Hexanone-d5	10.92	63	22250	81.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.66%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	53803	49.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	197.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	11139	35.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	141.28%#

Target Compounds

					Ovalue	
13) Acetone	4.12	43	4723m	5.982	ug/L	
16) Methylene chloride	4.92	84	5359m	1.663	ug/L	
30) Cyclohexane	7.96	56	3146m	1.416	ug/L	
34) Benzene	8.32	78	9136	1.794	ug/L	100
36) Methylcyclohexane	9.34	83	9316	3.825	ug/L	94
44) Toluene	10.38	91	17247	3.107	ug/L	100
53) Ethylbenzene	11.73	91	1983	0.326	ug/L #	79
54) m,p-Xylene	11.84	106	3331	1.407	ug/L	87
55) o-xylene	12.16	106	1119	0.505	ug/L #	49

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

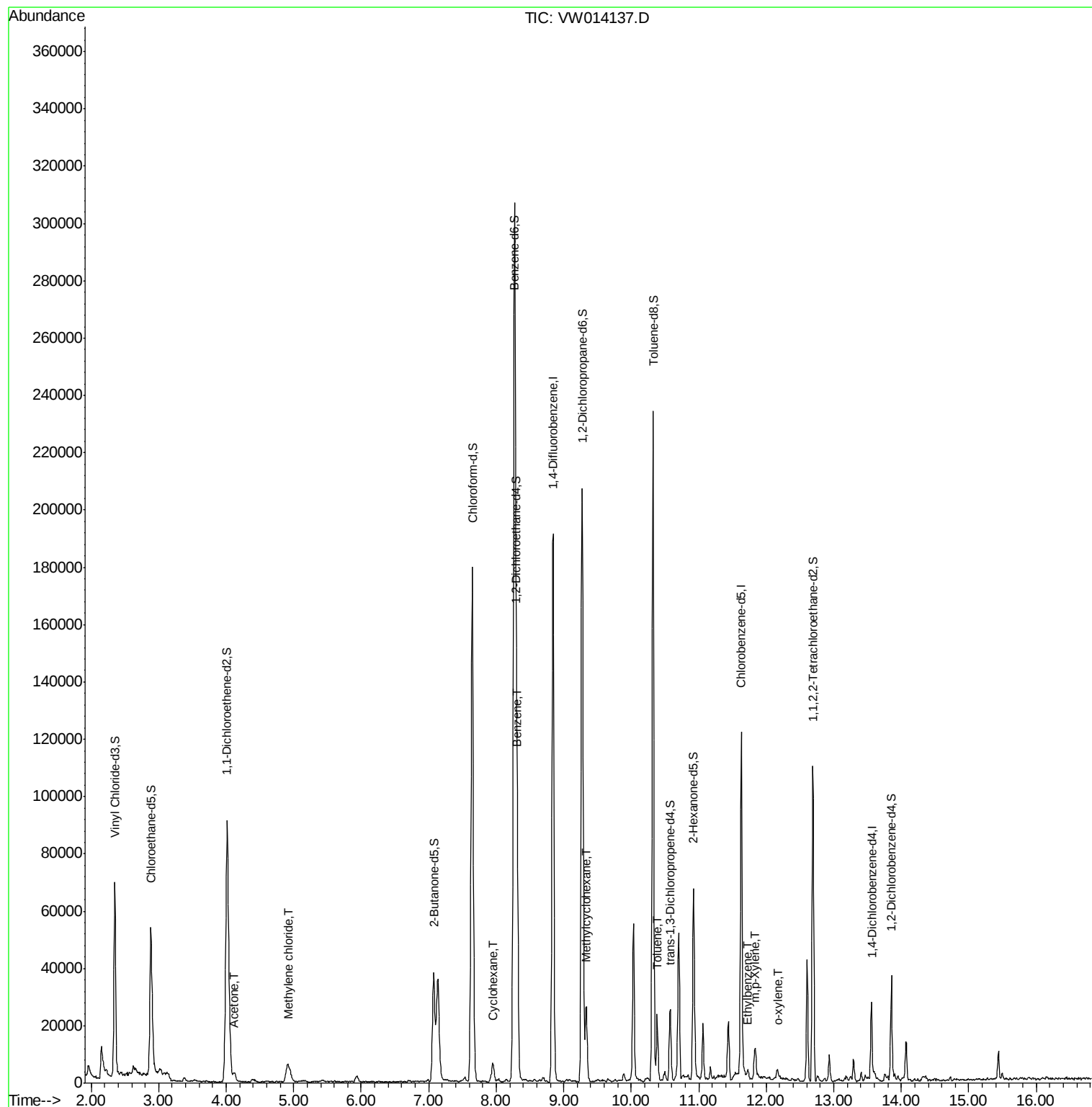
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112619\
Data File : VW014137.D
Acq On : 26 Nov 2019 16:16
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

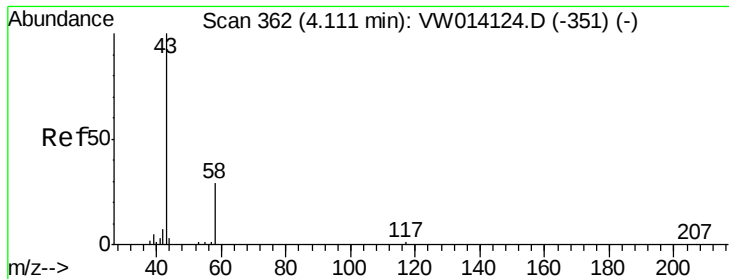
Instrument :
MSVOA_W
ClientSampleId :
C0BM8

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Quant Time: Nov 27 08:30:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 27 06:15:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.982 ug/L m

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014137.D

Acq: 26 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampleId :

C0BM8

Tot Ion: 43 Resp: 4723

Ion Ratio Lower Upper

43 100

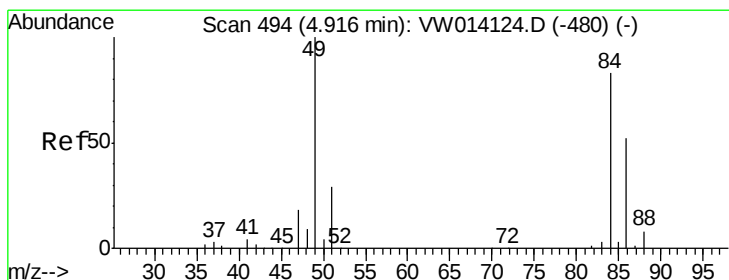
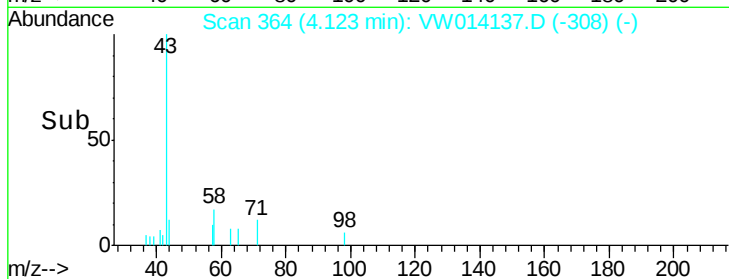
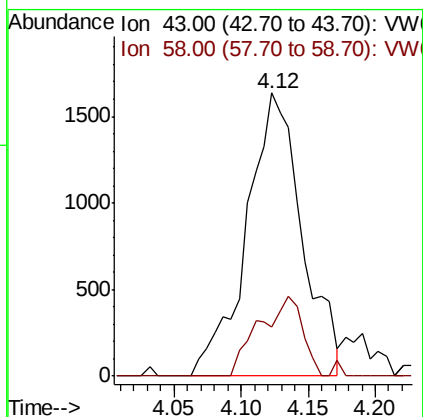
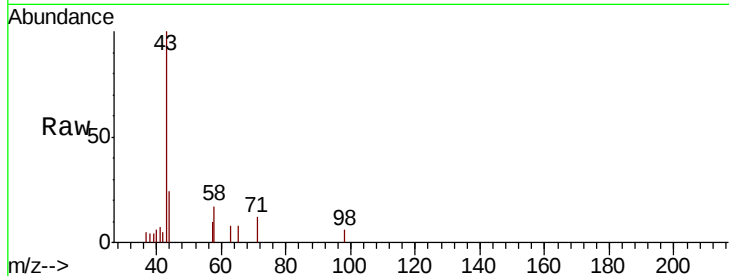
58 12.1 0.0 65.4

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#16

Methylene chloride

Concen: 1.663 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW014137.D

Acq: 26 Nov 2019 16:16

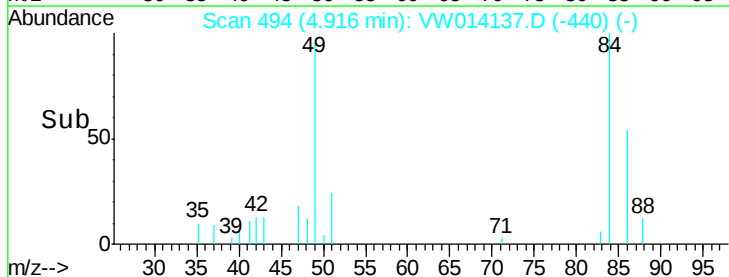
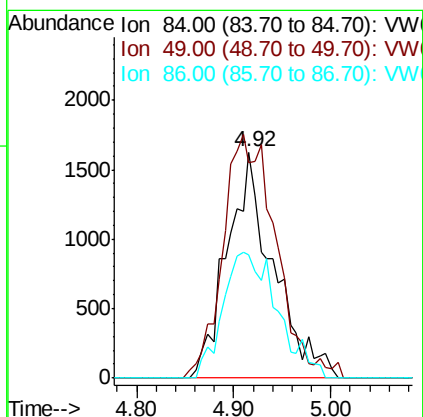
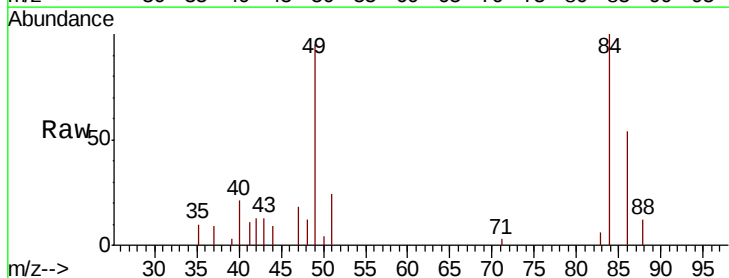
Tgt Ion: 84 Resp: 5359

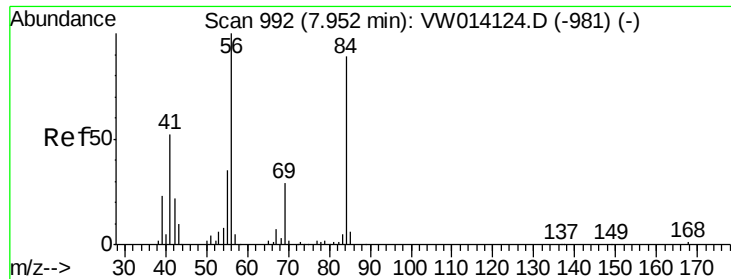
Ion Ratio Lower Upper

84 100

49 95.0 84.2 156.4

86 54.2 43.7 81.1





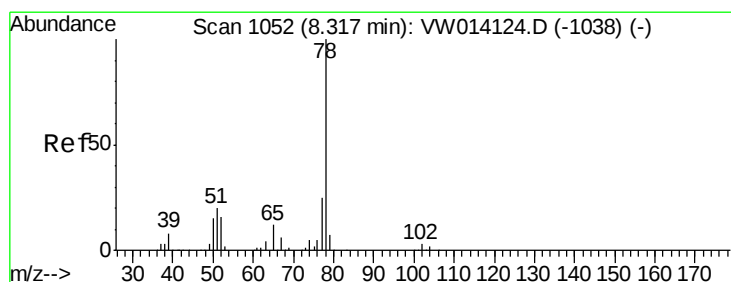
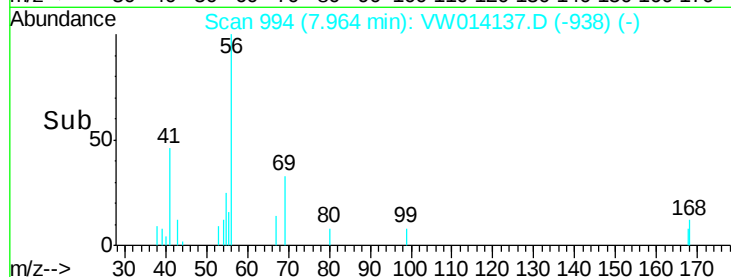
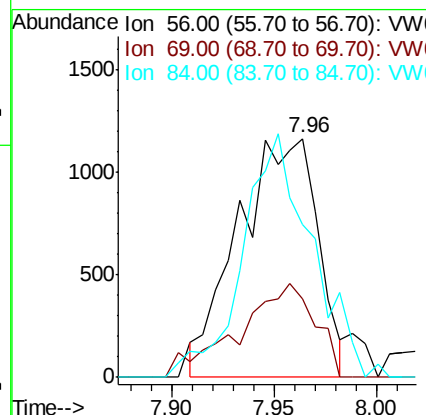
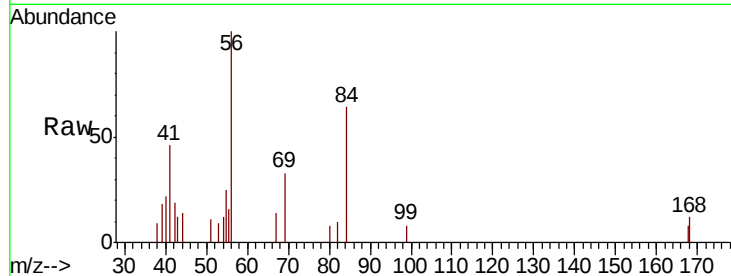
#30
Cyclohexane
Concen: 1.416 ug/L m
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
C0BM8

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.6	37.0
84	88.0	70.2	105.2

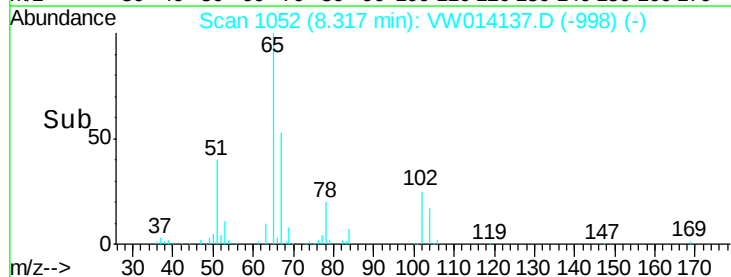
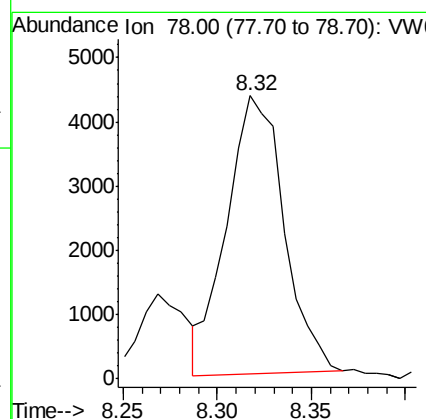
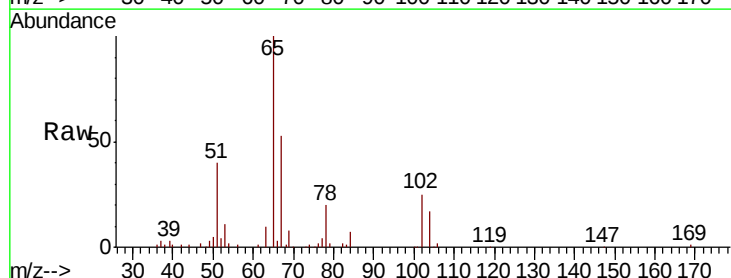
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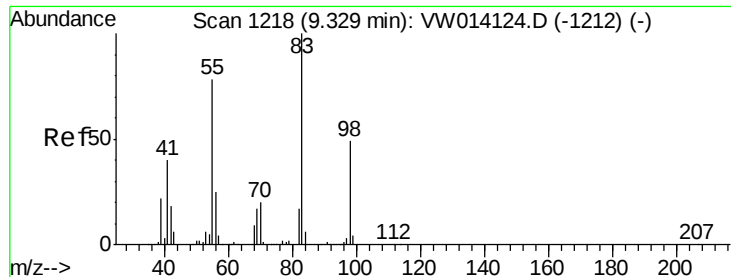
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#34
Benzene
Concen: 1.794 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Tgt Ion: 78 Resp: 9136





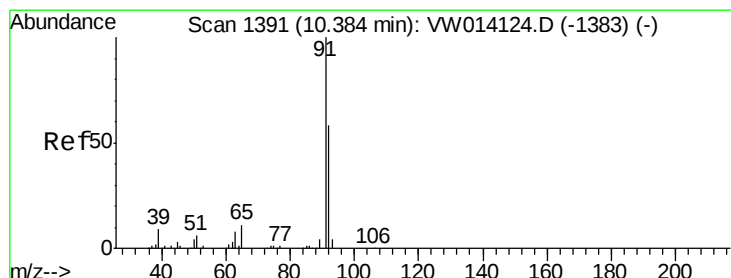
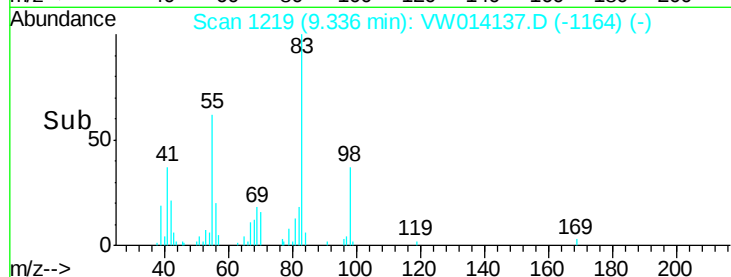
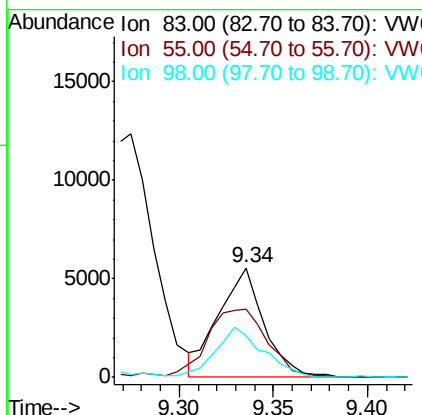
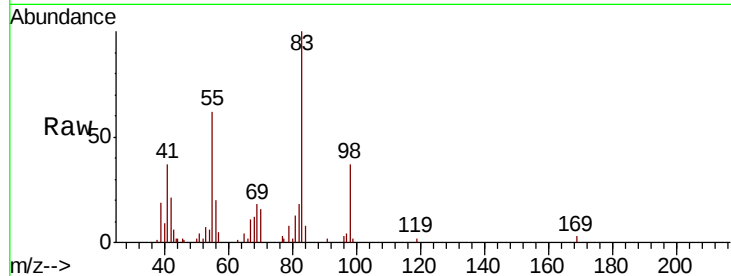
#36
Methvlcvclohexane
Concen: 3.825 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
C0BM8

Tot Ion	83	Resp	9316
Ion Ratio	100	Lower	Upper
83	100		
55	81.8	59.8	89.8
98	47.5	39.5	59.3

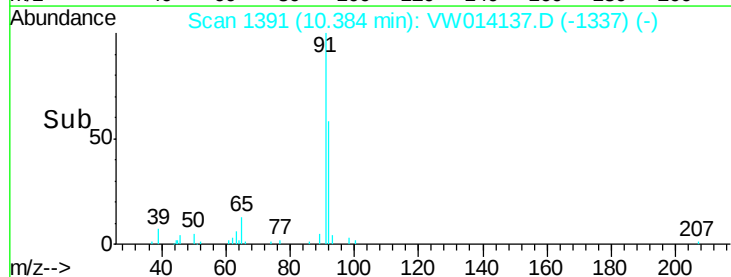
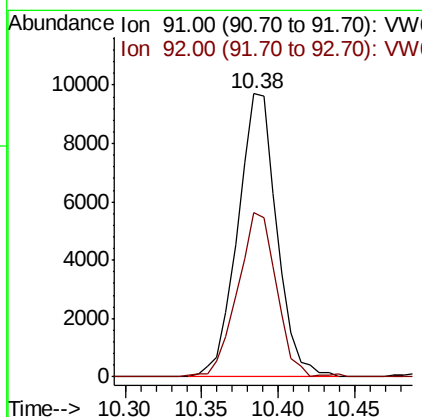
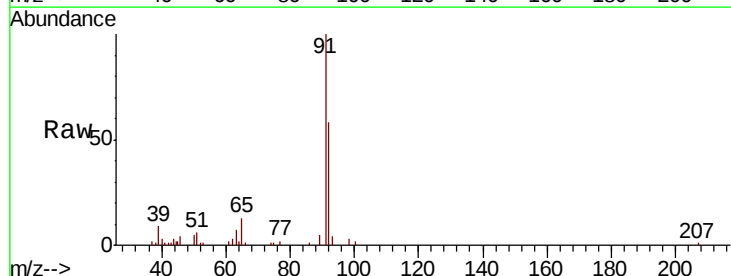
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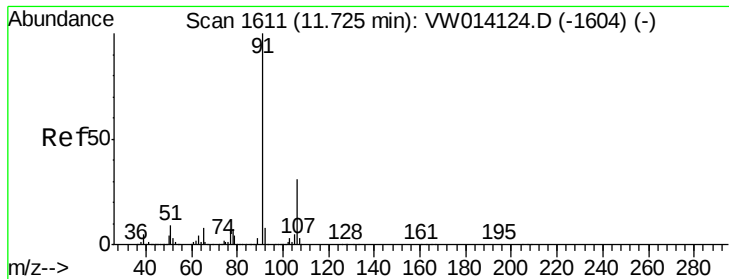
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#44
Toluene
Concen: 3.107 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Tgt Ion	91	Resp	17247
Ion Ratio	100	Lower	Upper
91	100		
92	58.0	40.7	75.7





#53

Ethylbenzene

Concen: 0.326 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW014137.D

Acq: 26 Nov 2019 16:16

Instrument :

MSVOA_W

ClientSampled :

COBM8

Tot Ion: 91 Resp: 1983

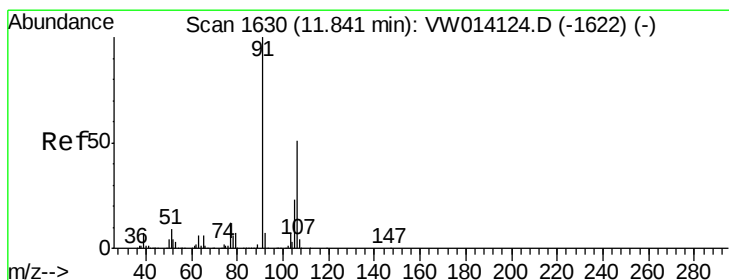
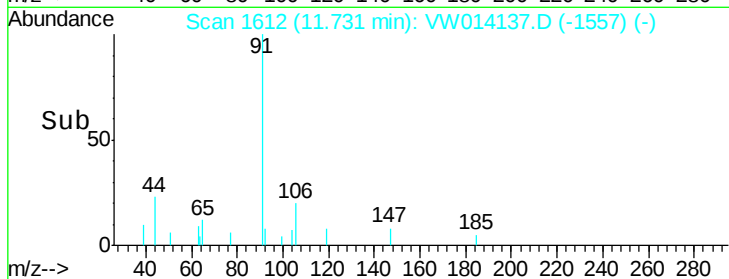
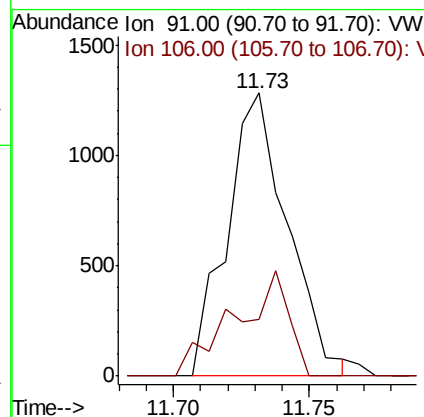
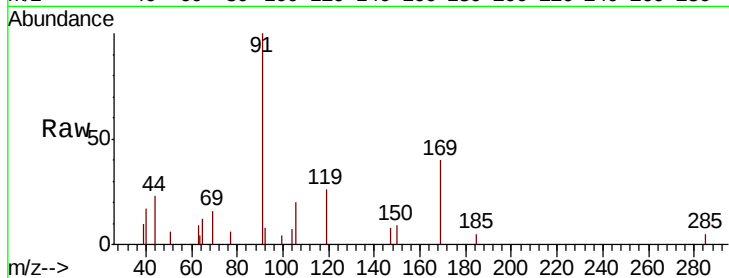
Ion Ratio Lower Upper

91 100

106 20.1 22.3 41.5#

Manual Integrations
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#54

m,p-Xylene

Concen: 1.407 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW014137.D

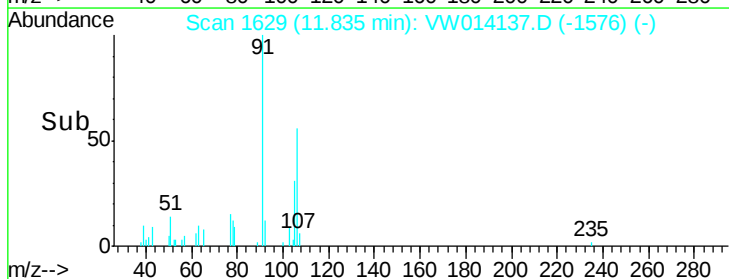
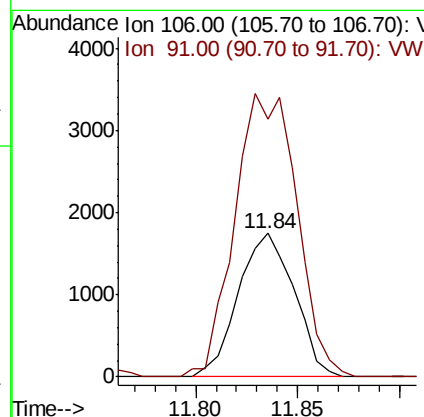
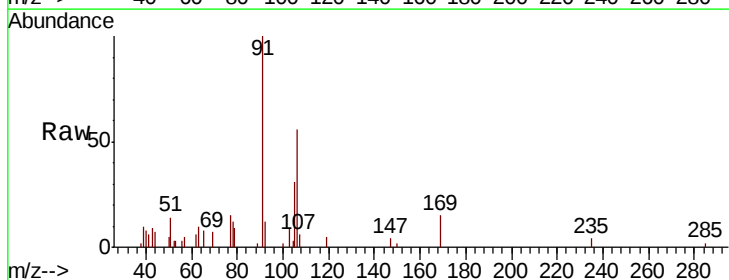
Acq: 26 Nov 2019 16:16

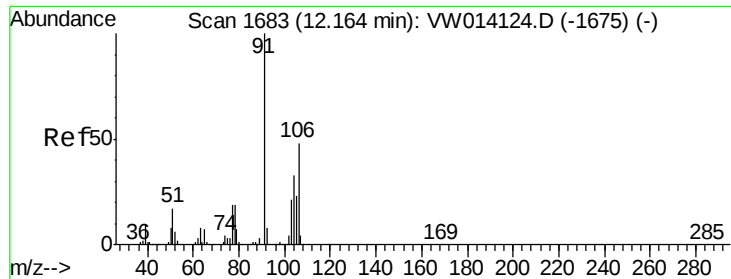
Tgt Ion: 106 Resp: 3331

Ion Ratio Lower Upper

106 100

91 179.2 138.7 257.5





#55
o-xylene
Concen: 0.505 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014137.D
Acq: 26 Nov 2019 16:16

Instrument :
MSVOA_W
ClientSampleId :
C0BM8

Tot Ion	Ratio	Lower	Upper
106	100		
91	131.4	148.3	275.5#

Manual Integrations
APPROVED

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11/27/2019 6:05:33 PM

