

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
 Data File : VW014353.D
 Acq On : 13 Dec 2019 16:48
 Operator : SY/VA
 Sample : K6270-04
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK82

Manual Integrations
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 12/17/2019 3:02:03 PM

Quant Time: Dec 17 02:20:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 04:28:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	39730	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	21200	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	2002m	25.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	18379	30.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.20%
7) Chloroethane-d5	2.89	69	17904	40.02	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	160.08%#
10) 1,1-Dichloroethene-d2	4.03	63	22874	21.53	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.12%
20) 2-Butanone-d5	7.08	46	7901m	50.40	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.80%
24) Chloroform-d	7.64	84	32722	32.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	129.40%
26) 1,2-Dichloroethane-d4	8.31	65	17592	33.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.68%#
29) Benzene-d6	8.27	84	57001	45.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	183.52%#
33) 1,2-Dichloropropane-d6	9.27	67	19035	49.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	199.20%#
37) Toluene-d8	10.32	98	31821	28.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.28%
38) trans-1,3-Dichloropropene-	10.58	79	5353	33.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	133.52%
39) 2-Hexanone-d5	10.93	63	2662m	35.02	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	10873	34.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	139.64%#
61) 1,2-Dichlorobenzene-d4	13.86	152	1807	23.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.48%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	2865	18.954	ug/L	96
16) Methylene chloride	4.92	84	1343m	2.205	ug/L	
30) Cyclohexane	7.96	56	2689m	5.082	ug/L	
34) Benzene	8.32	78	5864	4.369	ug/L	100
36) Methylcyclohexane	9.34	83	2524m	4.373	ug/L	
44) Toluene	10.38	91	11323	8.046	ug/L	93
47) Tetrachloroethene	10.85	164	966	3.375	ug/L #	54
53) Ethylbenzene	11.73	91	2632	1.724	ug/L #	82
54) m,p-Xylene	11.83	106	1392m	2.370	ug/L	
55) o-xylene	12.16	106	575m	1.032	ug/L	

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

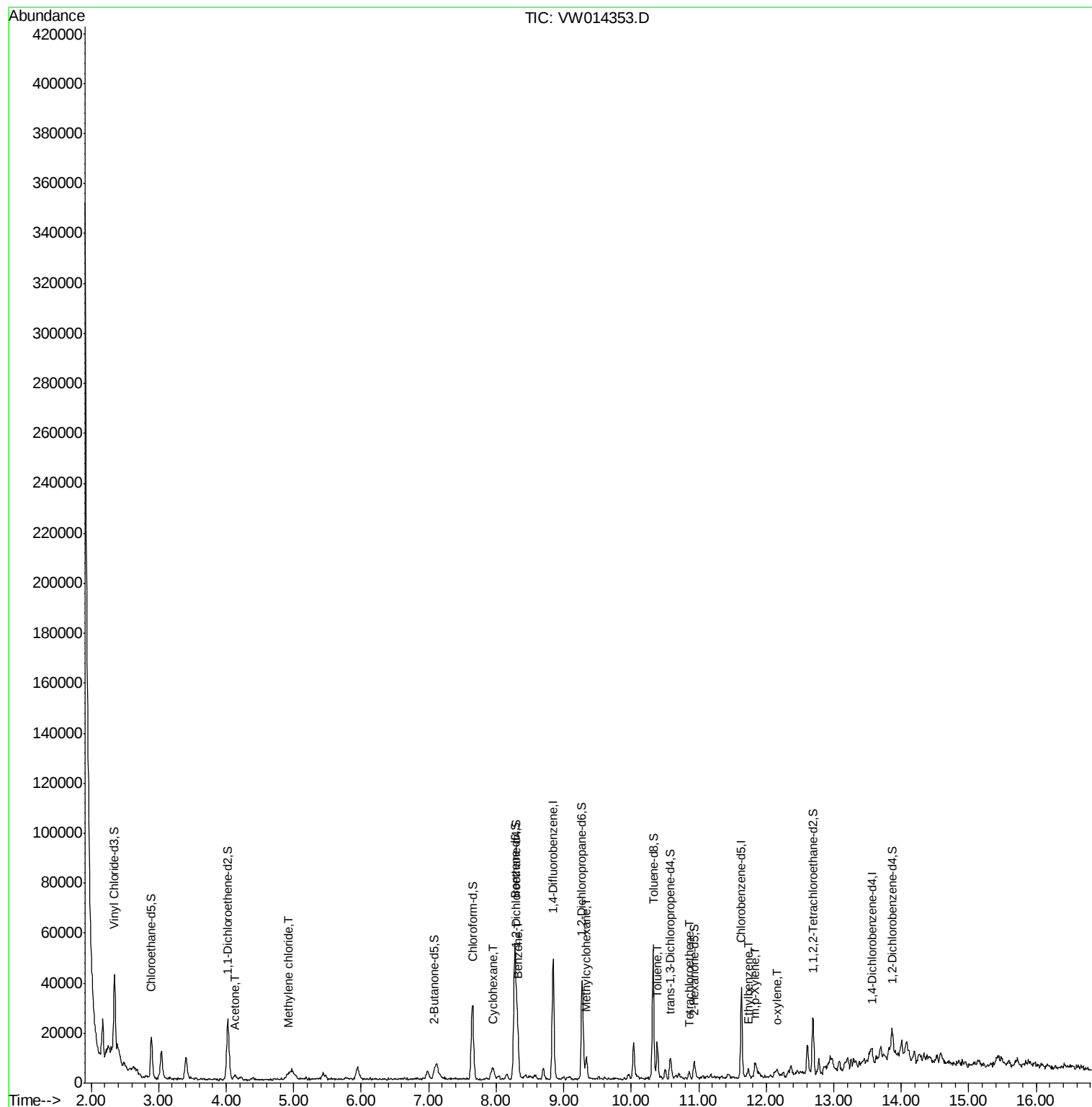
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\
Data File : VW014353.D
Acq On : 13 Dec 2019 16:48
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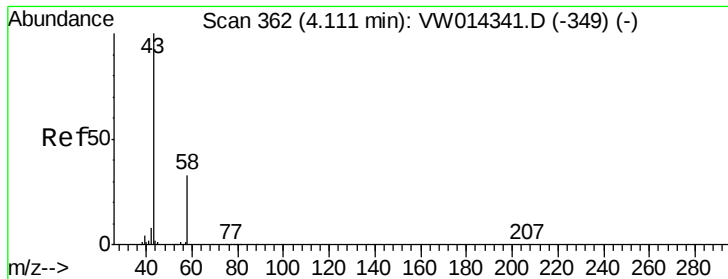
Instrument :
MSVOA_W
ClientSampleId :
ETK82

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Quant Time: Dec 17 02:20:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 18.954 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.02 min

Lab File: VW014353.D

Acq: 13 Dec 2019 16:48

Instrument :

MSVOA_W

ClientSampled :

ETK82

Tot Ion: 43 Resp: 2865

Ion Ratio Lower Upper

43 100

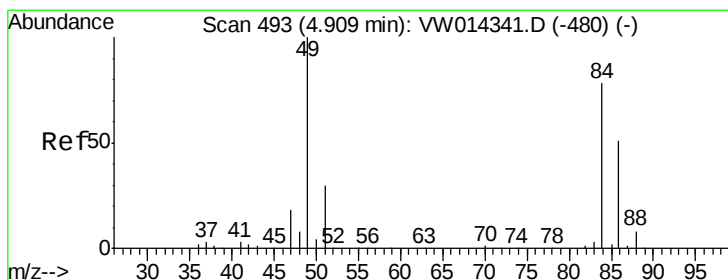
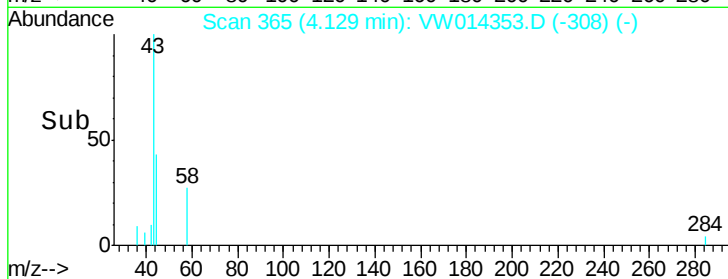
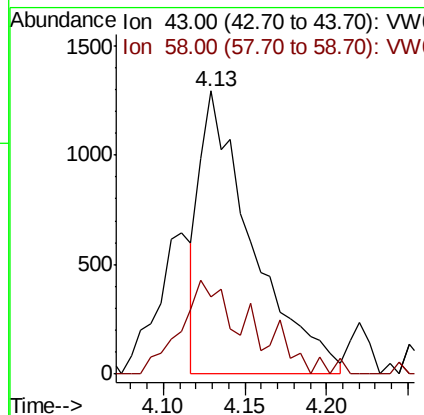
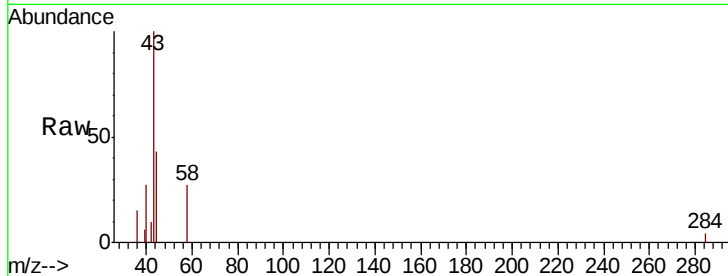
58 30.3 0.0 65.4

Manual Integrations

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#16

Methylene chloride

Concen: 2.205 ug/L m

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014353.D

Acq: 13 Dec 2019 16:48

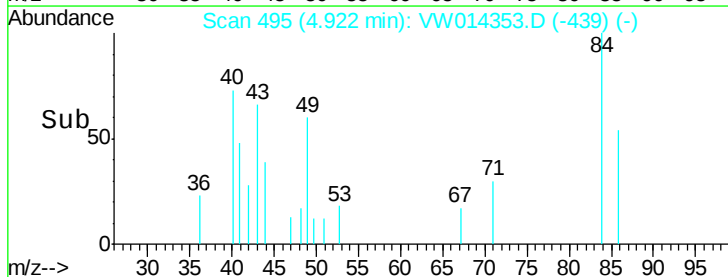
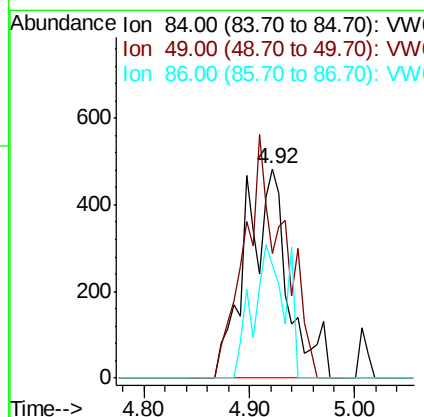
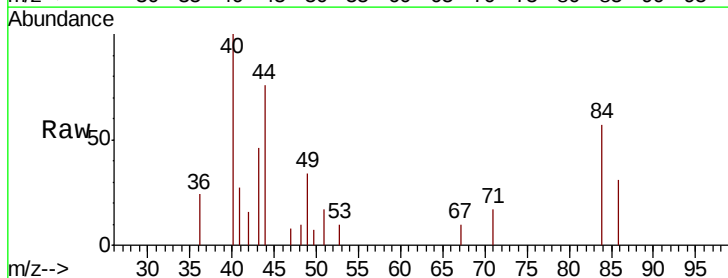
Tgt Ion: 84 Resp: 1343

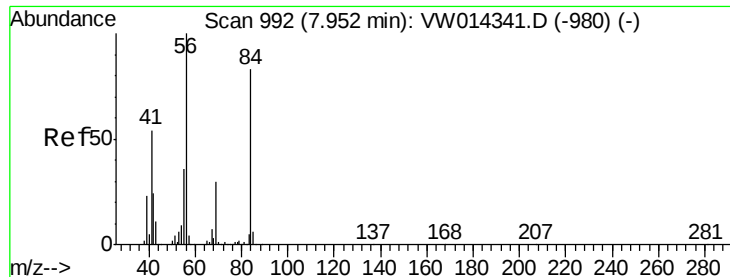
Ion Ratio Lower Upper

84 100

49 59.7 84.2 156.4#

86 54.1 43.7 81.1





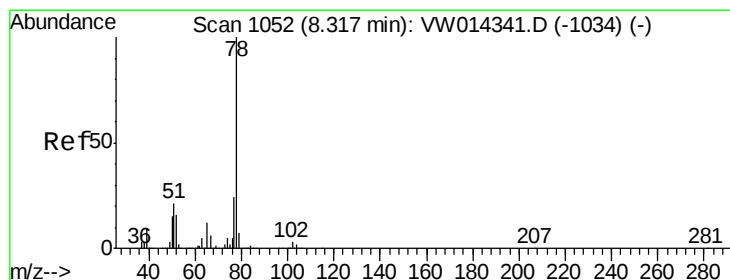
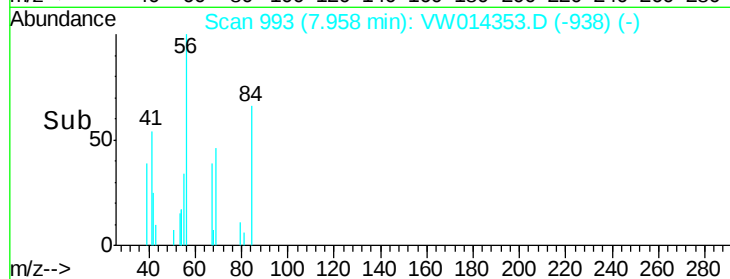
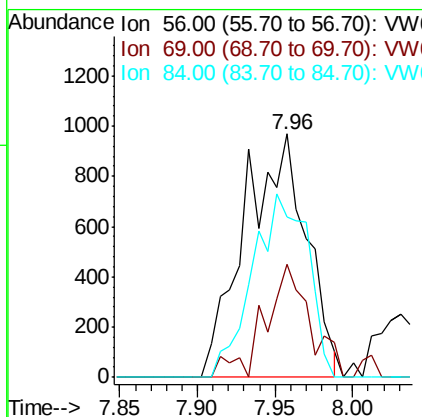
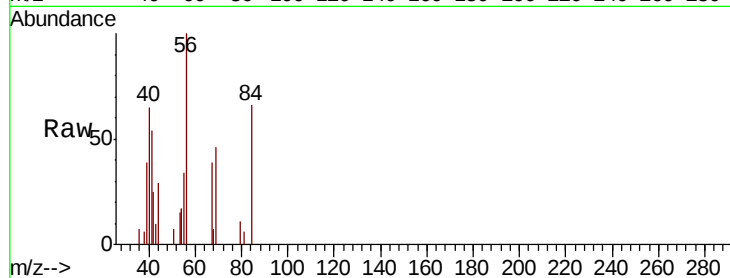
#30
Cyclohexane
Concen: 5.082 ug/L m
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW014353.D
Acq: 13 Dec 2019 16:48

Instrument :
MSVOA_W
ClientSampled :
ETK82

Tot Ion	Ratio	Lower	Upper
56	100		
69	20.5	24.6	37.0#
84	52.6	70.2	105.2#

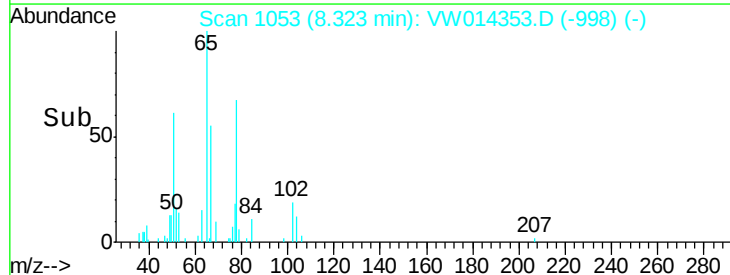
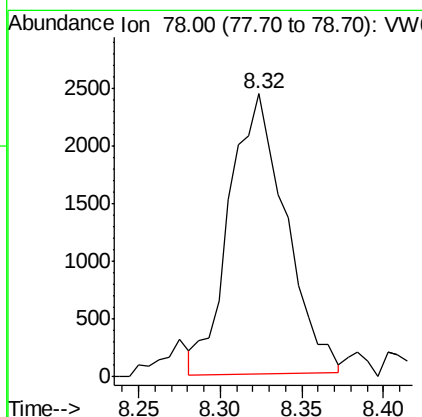
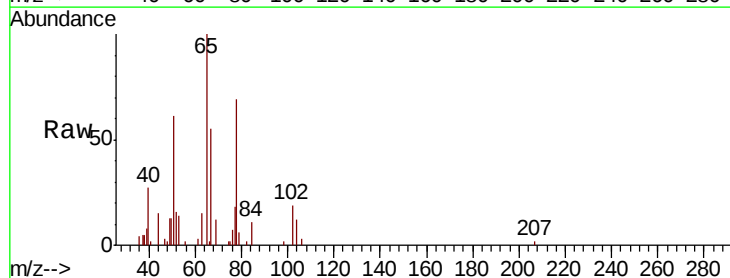
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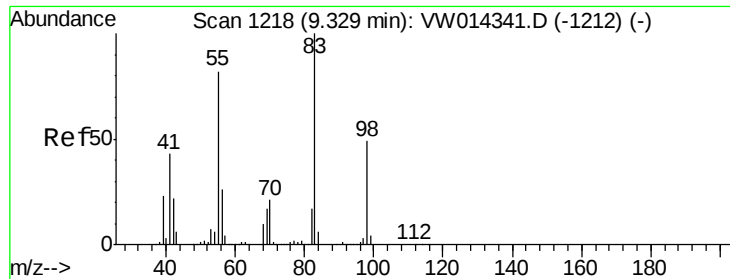
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#34
Benzene
Concen: 4.369 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW014353.D
Acq: 13 Dec 2019 16:48

Tgt Ion: 78 Resp: 5864





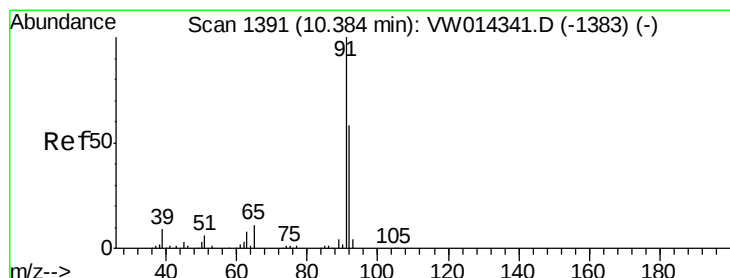
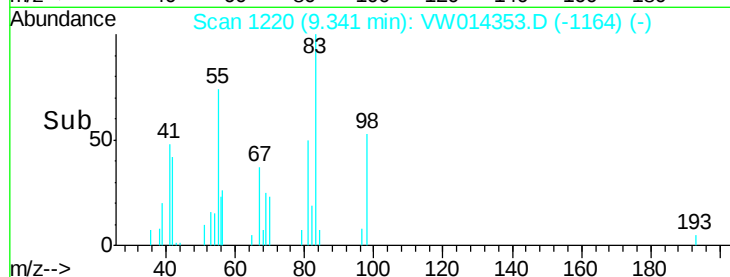
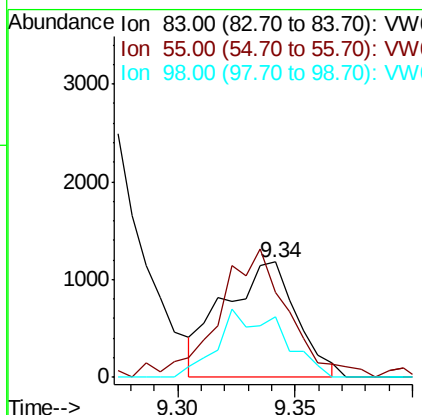
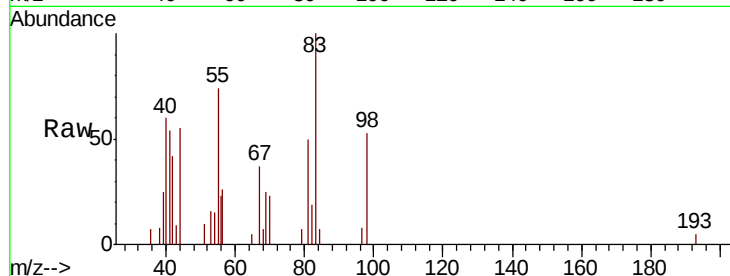
#36
Methvlcvclohexane
Concen: 4.373 ug/L m
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW014353.D
Acq: 13 Dec 2019 16:48

Instrument :
MSVOA_W
ClientSampleId :
ETK82

Tot Ion	83	Resp	2524
Ion Ratio	100	Lower	Upper
83	100		
55	104.0	59.8	89.8#
98	26.3	39.5	59.3#

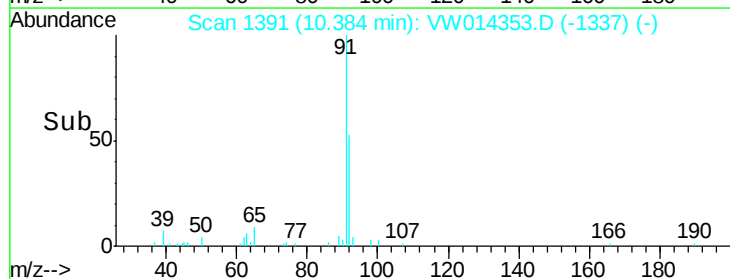
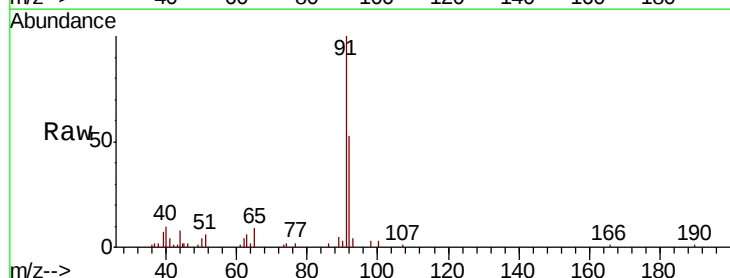
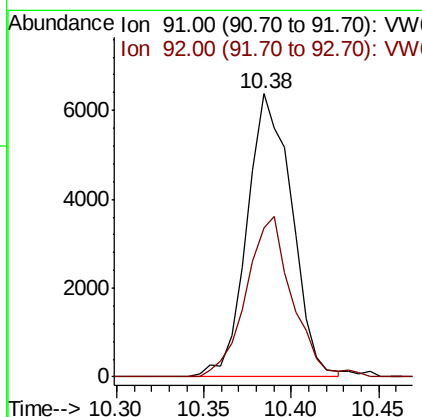
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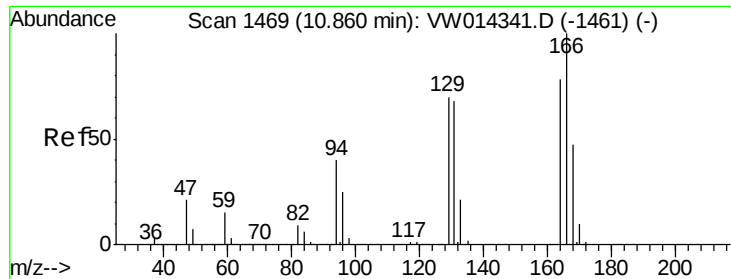
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#44
Toluene
Concen: 8.046 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014353.D
Acq: 13 Dec 2019 16:48

Tgt Ion	91	Resp	11323
Ion Ratio	100	Lower	Upper
91	100		
92	52.8	40.7	75.7





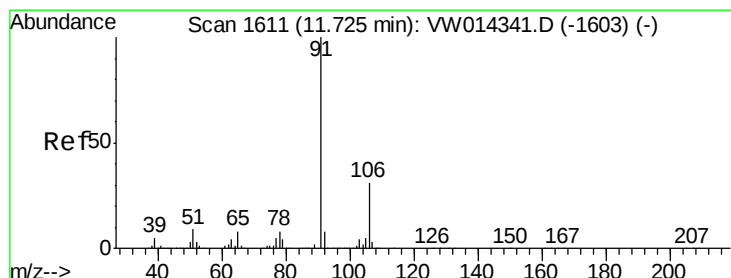
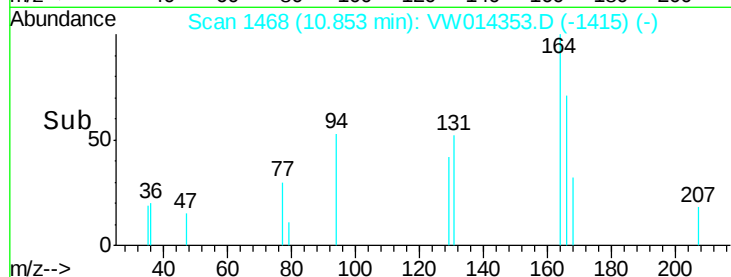
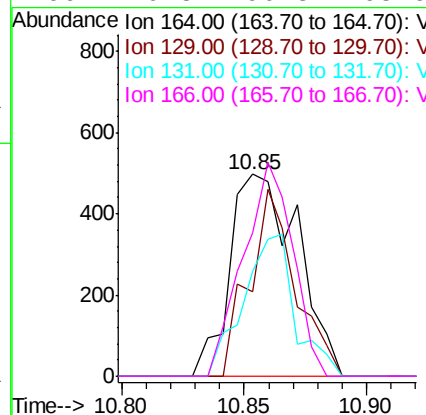
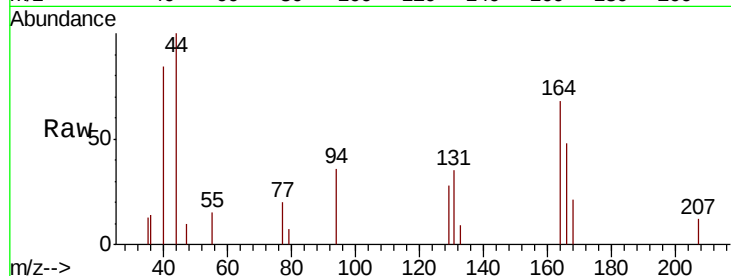
#47
Tetrachloroethene
Concen: 3.375 ug/L
RT: 10.85 min Scan# 1468
Delta R.T. -0.01 min
Lab File: VW014353.D
Acq: 13 Dec 2019 16:48

Instrument :
MSVOA_W
ClientSampleId :
ETK82

Tot Ion	Ratio	Lower	Upper
164	100		
129	41.9	60.6	112.6#
131	52.1	59.1	109.7#
166	70.8	90.8	168.6#

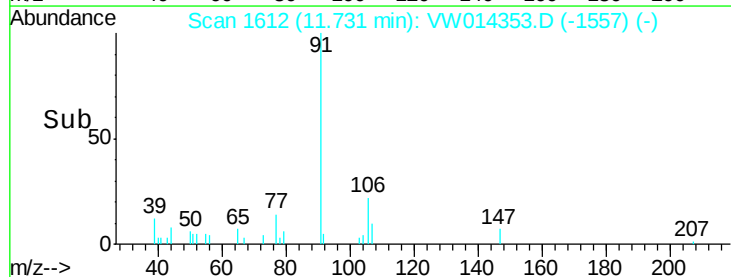
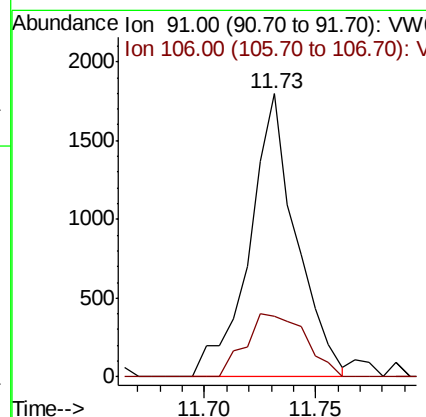
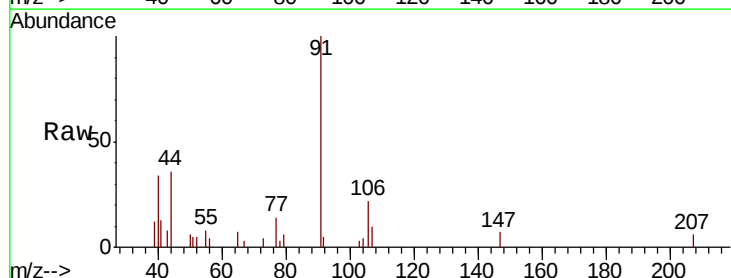
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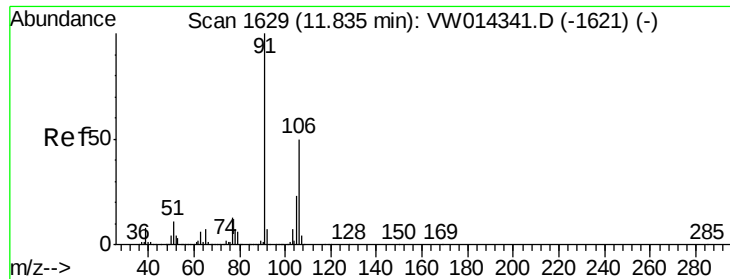
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#53
Ethylbenzene
Concen: 1.724 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014353.D
Acq: 13 Dec 2019 16:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	21.6	22.3	41.5#





#54

m,p-Xylene

Concen: 2.370 ug/L m

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW014353.D

Acq: 13 Dec 2019 16:48

Instrument :

MSVOA_W

ClientSampled :

ETK82

Tot Ion:106 Resp: 1392

Ion Ratio Lower Upper

106 100

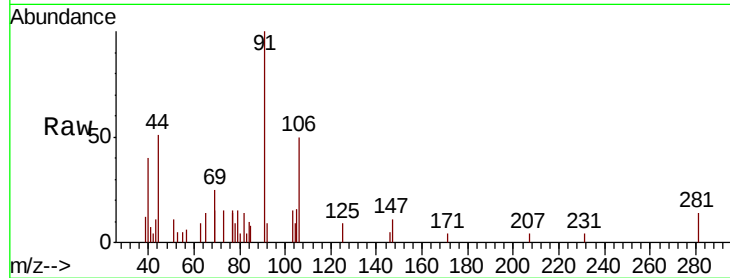
91 199.1 138.7 257.5

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

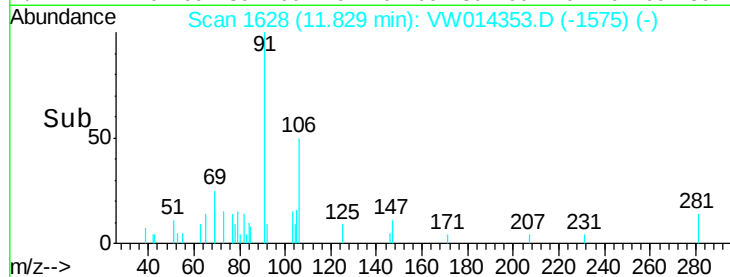
1500

1000

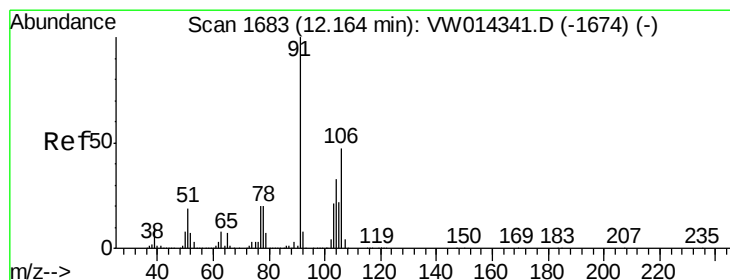
500

0

11.75 11.80 11.85 11.90



Time-->



#55

o-xylene

Concen: 1.032 ug/L m

RT: 12.16 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW014353.D

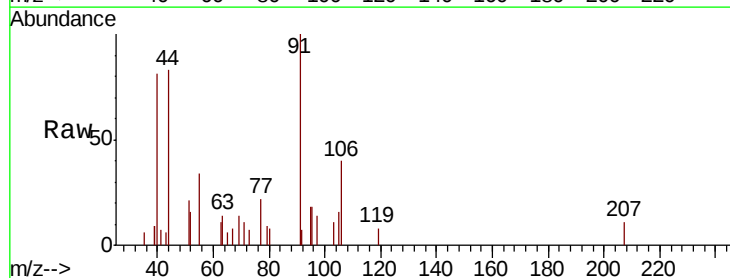
Acq: 13 Dec 2019 16:48

Tgt Ion:106 Resp: 575

Ion Ratio Lower Upper

106 100

91 253.1 148.3 275.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

1000

800

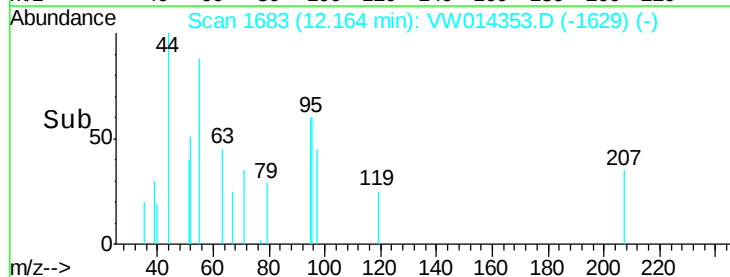
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400

200

0

12.15 12.20



Time-->