

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005799.D
 Acq On : 03 Oct 2018 02:27
 Operator : SY/AP
 Sample : J5182-12
 Misc : 4.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC61

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 7:12:20 PM

Quant Time: Oct 04 06:29:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 03 08:01:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	49010	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	50472	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	22122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	6924	11.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.32%
7) Chloroethane-d5	2.90	69	7738	15.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.48%
10) 1,1-Dichloroethene-d2	4.01	63	11662	8.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	34.20%#
20) 2-Butanone-d5	7.09	46	6143m	30.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.26%
24) Chloroform-d	7.65	84	32466	25.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.16%
26) 1,2-Dichloroethane-d4	8.31	65	26514	34.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	139.08%#
29) Benzene-d6	8.28	84	44695	17.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.56%
33) 1,2-Dichloropropane-d6	9.28	67	20118	27.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.44%
37) Toluene-d8	10.33	98	37837	15.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.36%
38) trans-1,3-Dichloropropene-	10.58	79	5515	14.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.16%
39) 2-Hexanone-d5	10.93	63	2411	14.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.52%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	23021	32.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.28%#
61) 1,2-Dichlorobenzene-d4	13.86	152	17518	22.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	718269	3438.793	ug/L	70
16) Methylene chloride	4.92	84	8516m	10.538	ug/L	
53) Ethylbenzene	11.74	91	1967	0.539	ug/L	92
54) m,p-Xylene	11.84	106	4276	3.110	ug/L	96
55) o-xylene	12.16	106	2771	2.139	ug/L	79
57) Isopropylbenzene	12.47	105	1587	0.429	ug/L #	78

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

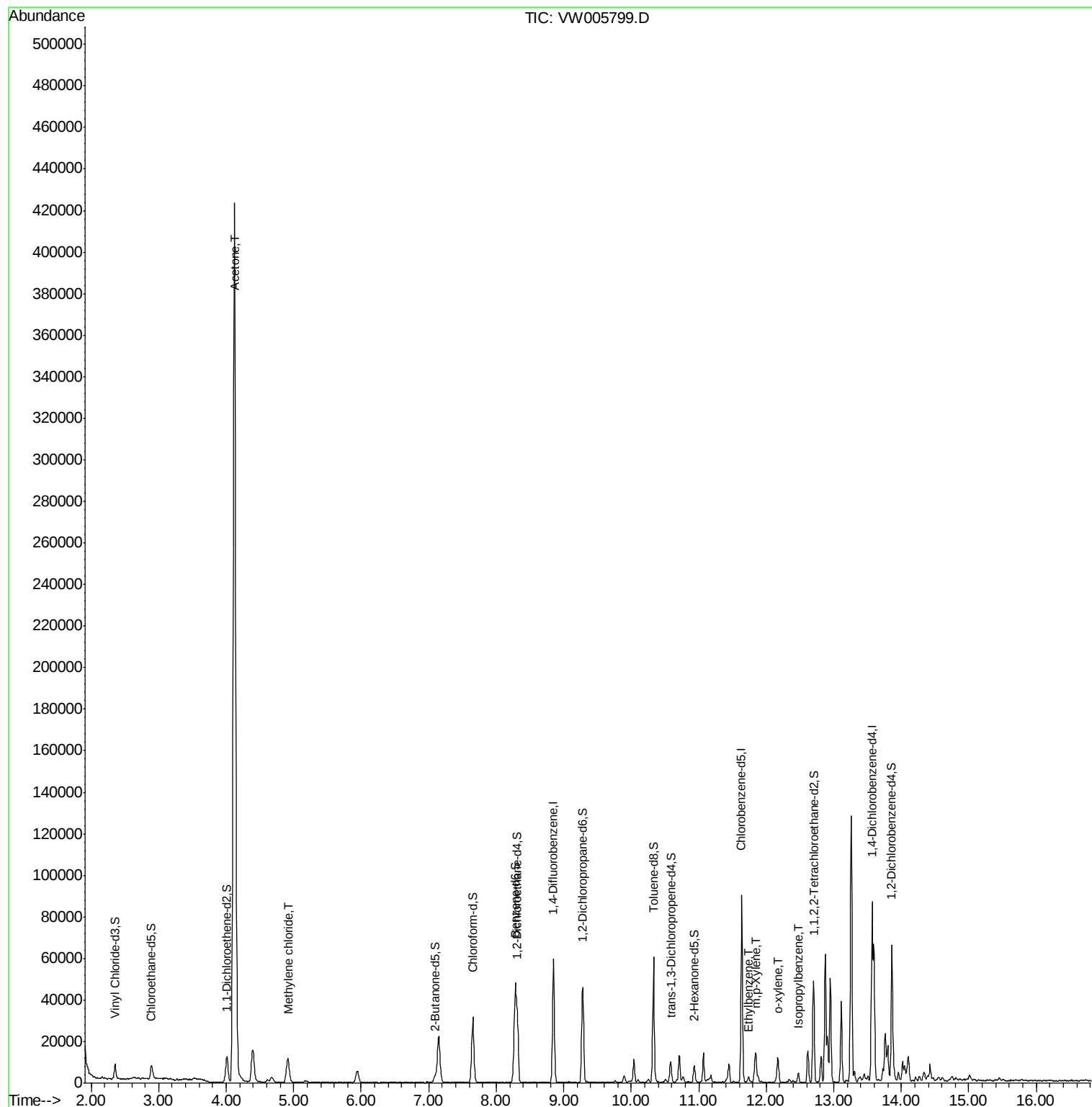
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
Data File : VW005799.D
Acq On : 03 Oct 2018 02:27
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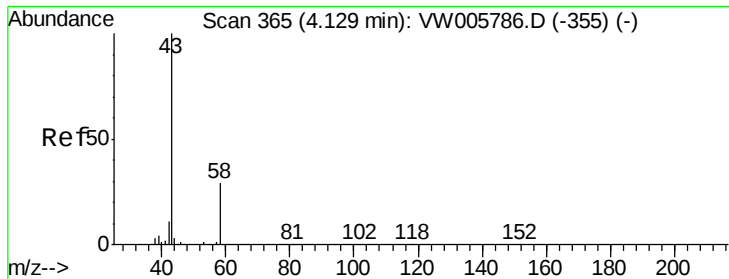
Instrument :
MSVOA_W
ClientSampleId :
JLC61

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Quant Time: Oct 04 06:29:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 03 08:01:39 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3438.793 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW005799.D

Acq: 03 Oct 2018 02:27

Instrument :

MSVOA_W

ClientSampled :

JLC61

Tot Ion: 43 Resp: 718269

Ion Ratio Lower Upper

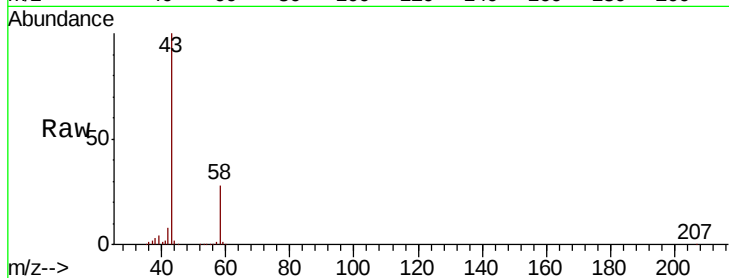
43 100

58 28.6 0.0 31.8

Manual Integrations
APPROVED

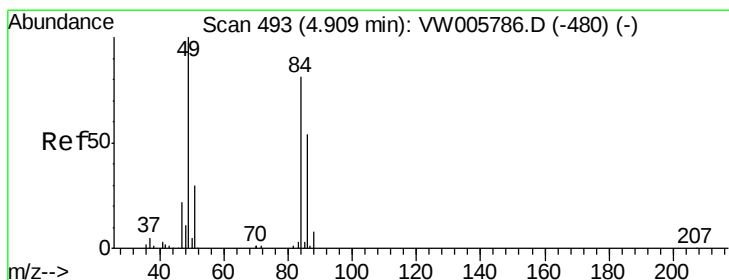
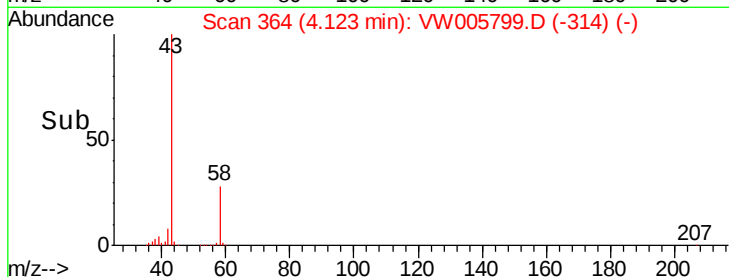
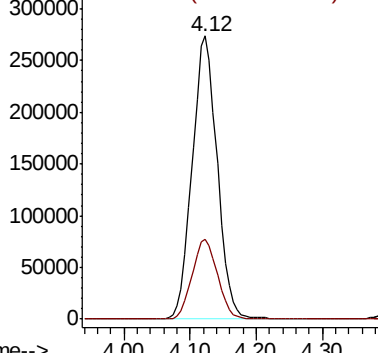
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 10.538 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW005799.D

Acq: 03 Oct 2018 02:27

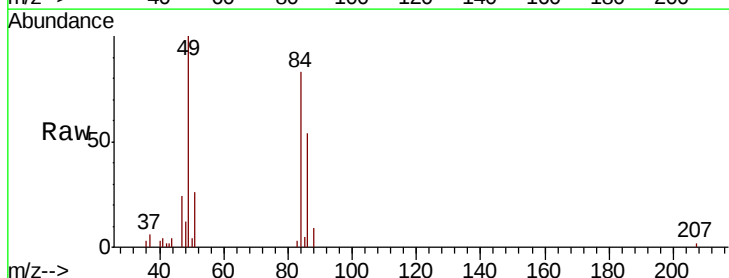
Tgt Ion: 84 Resp: 8516

Ion Ratio Lower Upper

84 100

49 119.9 87.2 162.0

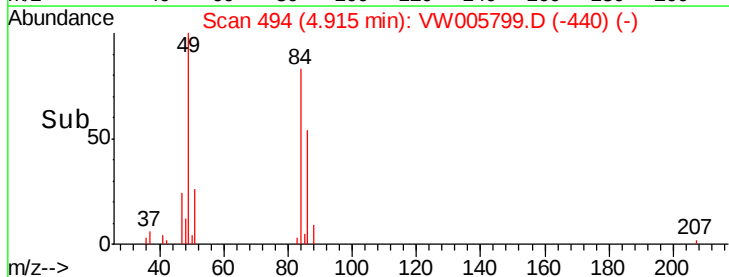
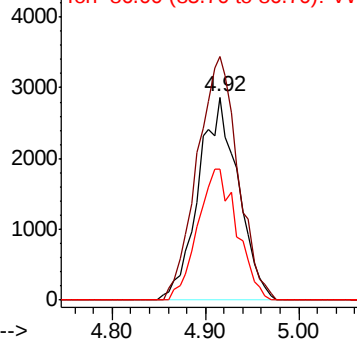
86 64.2 43.2 80.2

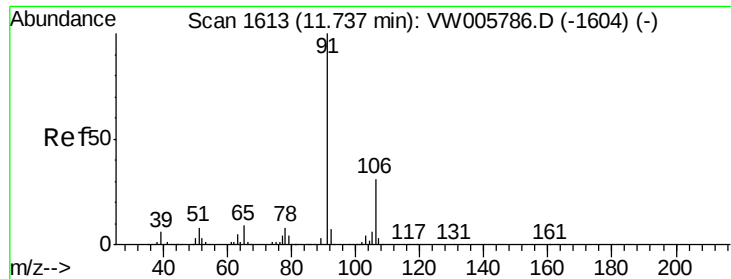


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





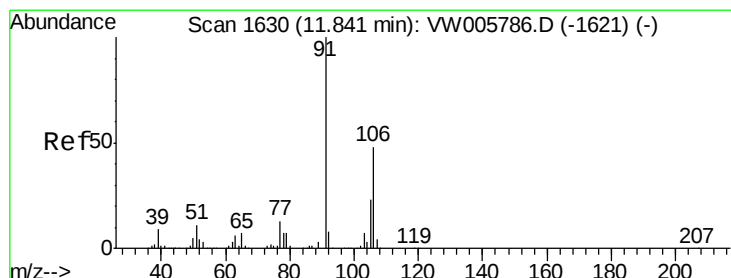
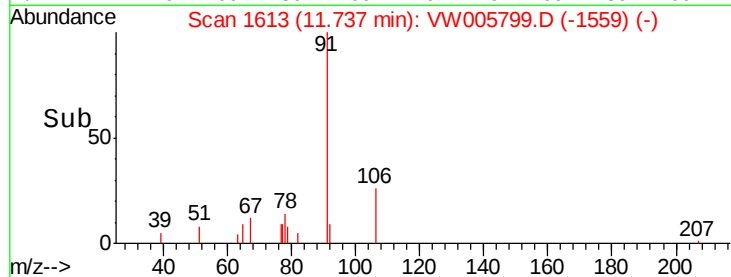
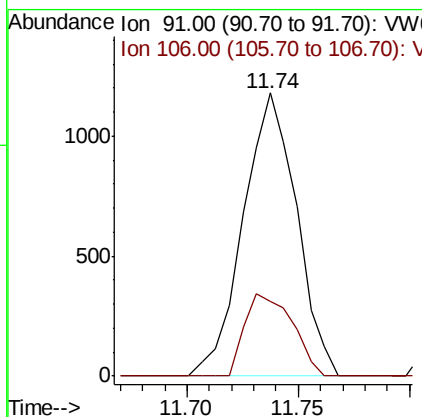
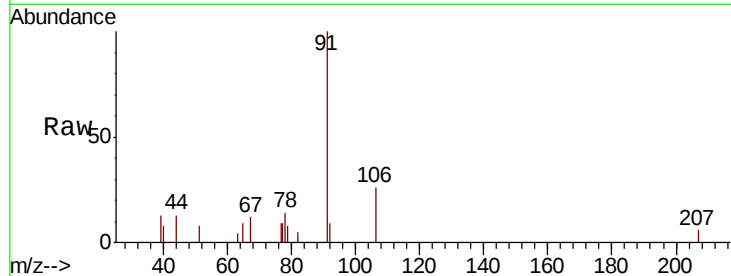
#53
Ethylbenzene
Concen: 0.539 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Instrument :
MSVOA_W
ClientSampled :
JLC61

Tot Ion: 91 Resp: 1967
Ion Ratio Lower Upper
91 100
106 26.5 21.5 39.9

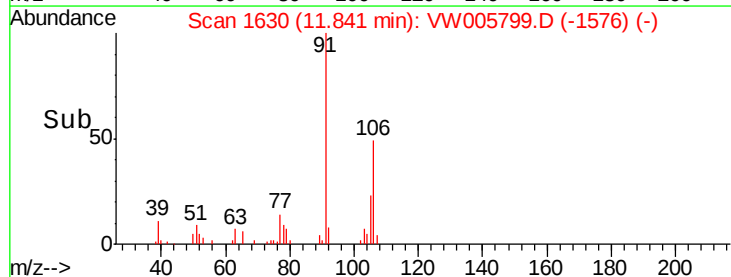
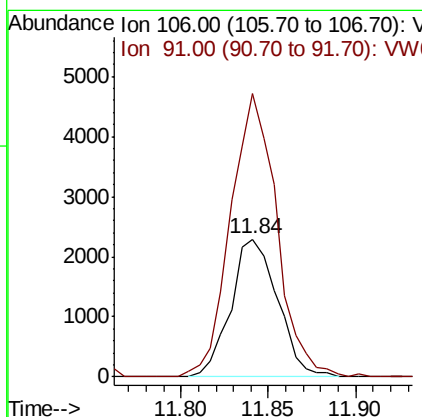
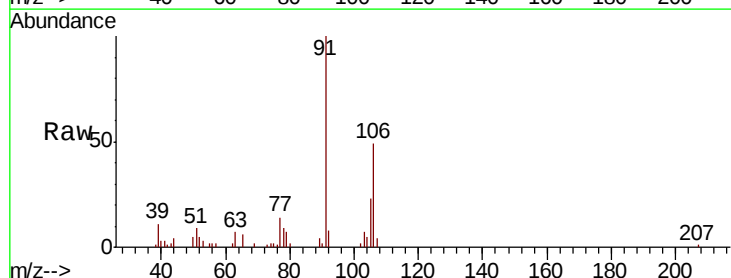
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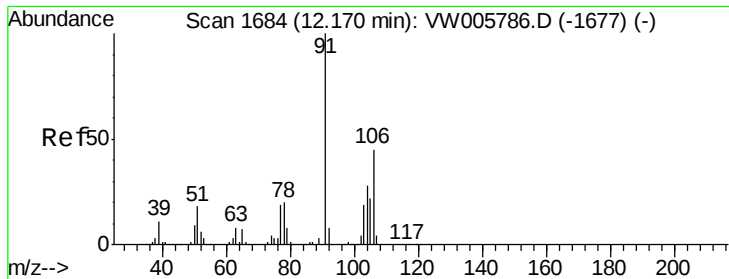
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#54
m,p-Xylene
Concen: 3.110 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Tgt Ion: 106 Resp: 4276
Ion Ratio Lower Upper
106 100
91 205.4 147.7 274.3





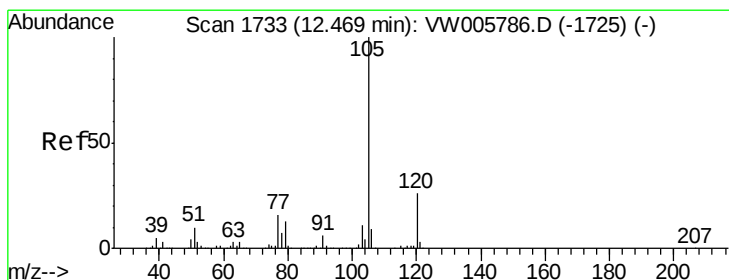
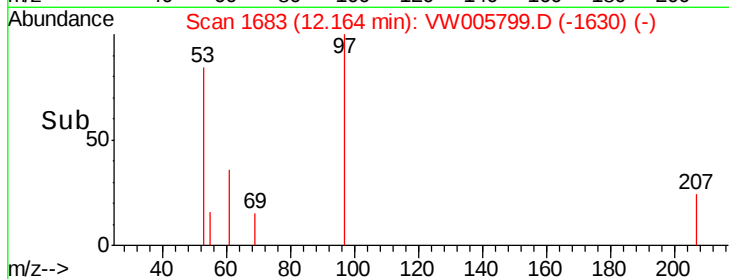
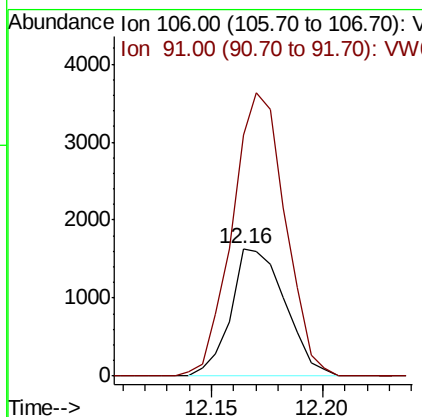
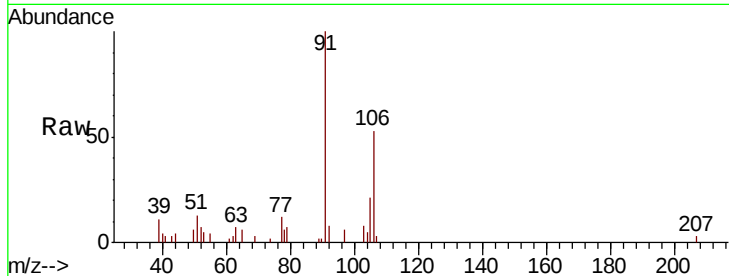
#55
o-xylene
Concen: 2.139 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Instrument :
MSVOA_W
ClientSampled :
JLC61

Tot Ion:106 Resp: 2771
Ion Ratio Lower Upper
106 100
91 188.9 156.5 290.7

Manual Integrations
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#57
Isopropylbenzene
Concen: 0.429 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW005799.D
Acq: 03 Oct 2018 02:27

Tgt Ion:105 Resp: 1587
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 40.1 13.0 19.6#

