

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017852.D
 Acq On : 13 Jan 2021 17:05
 Operator : SY/VA
 Sample : M1117-05
 Misc : 5.55G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFN62

Manual Integrations
 APPROVED

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 1/15/2021 4:06:58 PM

Quant Time: Jan 14 14:28:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	298995	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	240983	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80169	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128030	27.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.68%
7) Chloroethane-d5	2.89	69	103775	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.72%
10) 1,1-Dichloroethene-d2	4.02	63	159924	19.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.36%
20) 2-Butanone-d5	7.07	46	53356	71.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.32%#
24) Chloroform-d	7.65	84	215042	27.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.08%
26) 1,2-Dichloroethane-d4	8.31	65	126583	31.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.20%
29) Benzene-d6	8.27	84	420711	30.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.96%
33) 1,2-Dichloropropane-d6	9.27	67	123969	33.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.52%#
37) Toluene-d8	10.32	98	359598	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.32%
38) trans-1,3-Dichloropropene-	10.58	79	46457	27.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.40%
39) 2-Hexanone-d5	10.93	63	32487	69.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.28%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89259	32.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	74670	26.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	3415m	5.274	ug/L	
16) Methylene chloride	4.92	84	11249	2.631	ug/L	86
53) Ethylbenzene	11.73	91	8883	0.498	ug/L	87
54) m,p-Xylene	11.83	106	14218	2.039	ug/L	96
55) o-xylene	12.16	106	5285	0.806	ug/L	79

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

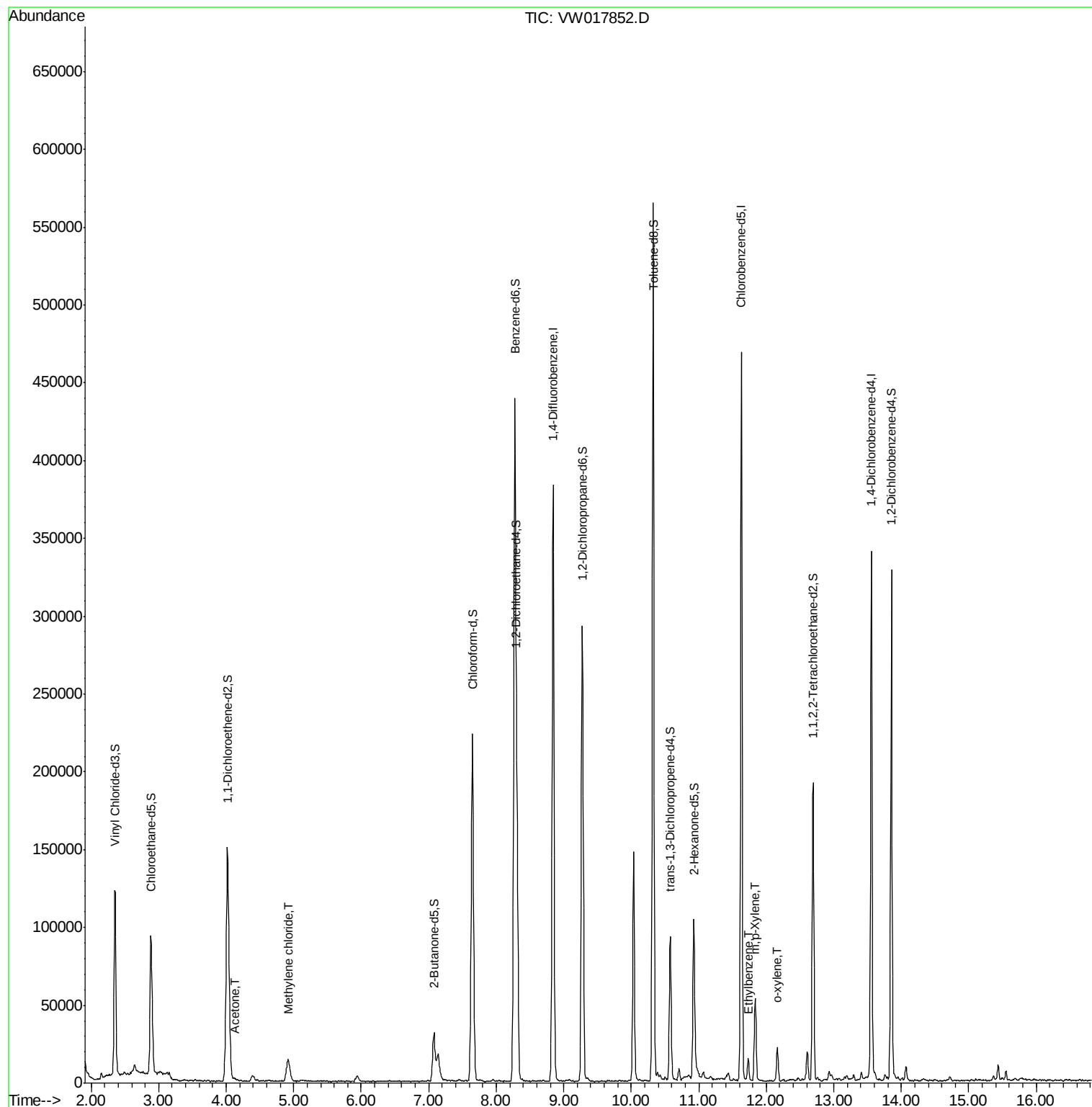
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
Data File : VW017852.D
Acq On : 13 Jan 2021 17:05
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Sample : M1117-05
Misc : 5.55G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

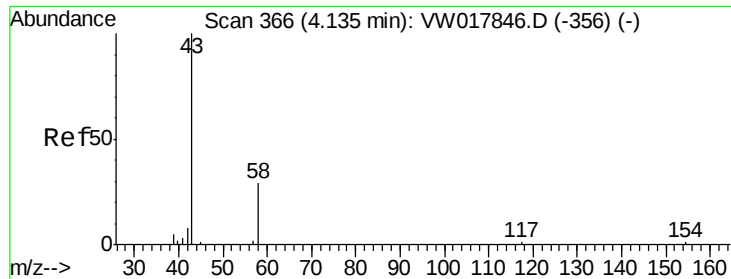
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Jan 14 14:28:30 2021
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Quant Title : VOC Analysis
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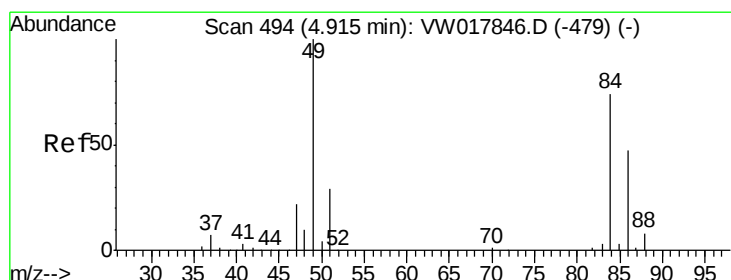
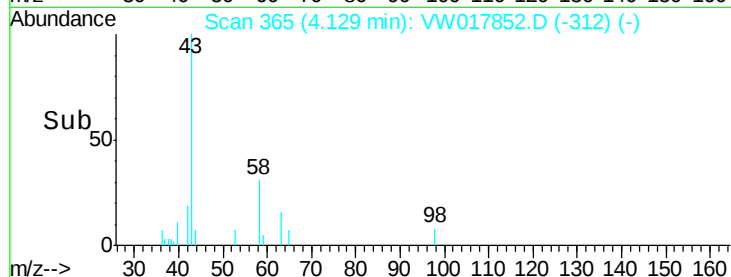
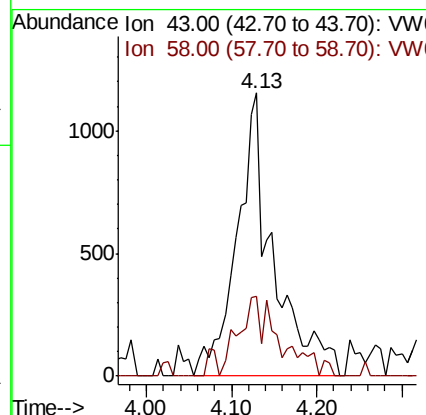
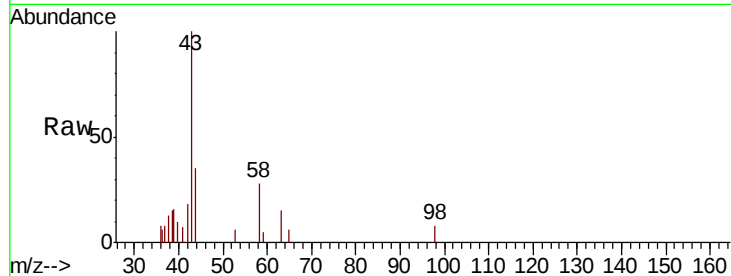
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Acetone
Concen: 5.274 ug/L m
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW017852.D
Acq: 13 Jan 2021 17:05

Instrument :
MSVOA_W
ClientSampled :
BFN62

Tot Ion	43	58	Ratio	100	10.5	Resp	3415	Lower	Upper
43	100								
58		10.5				0.0	60.8		

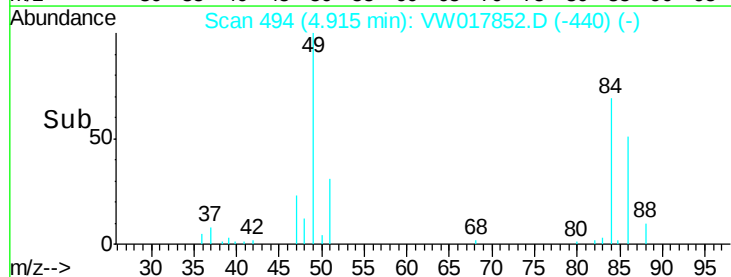
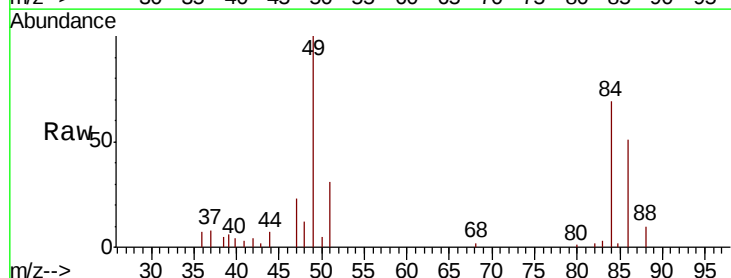
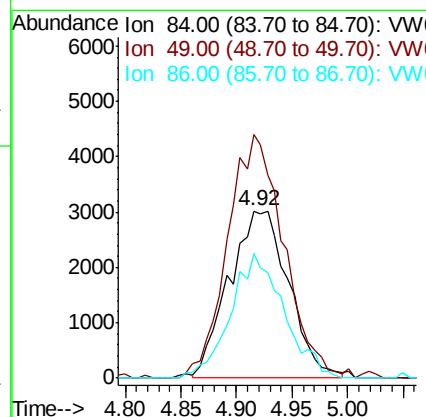
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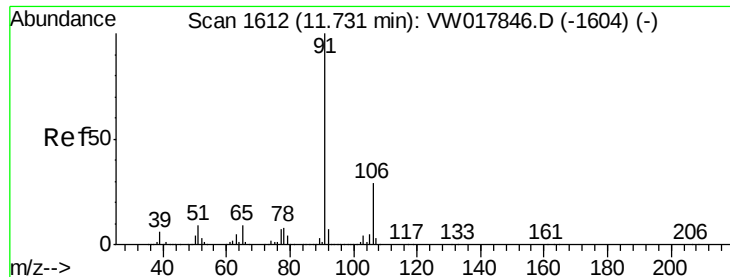
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#16
Methylene chloride
Concen: 2.631 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW017852.D
Acq: 13 Jan 2021 17:05

Tgt Ion	84	49	86	Ratio	100	145.8	74.7	Resp	11249	Lower	Upper
84	100										
49		145.8				90.5	168.1				
86		74.7				44.8	83.2				





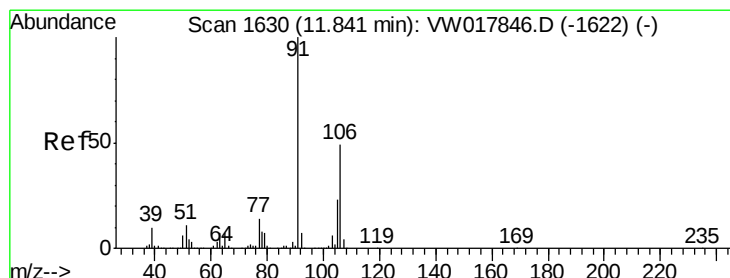
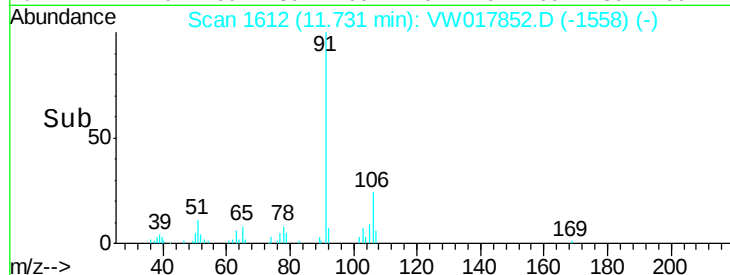
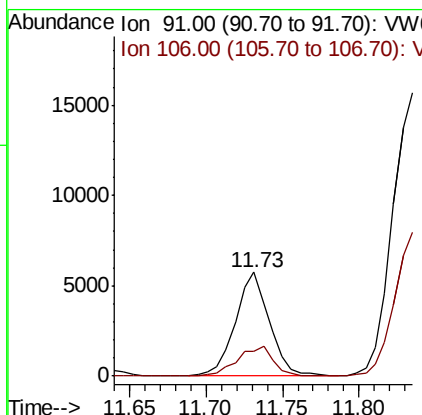
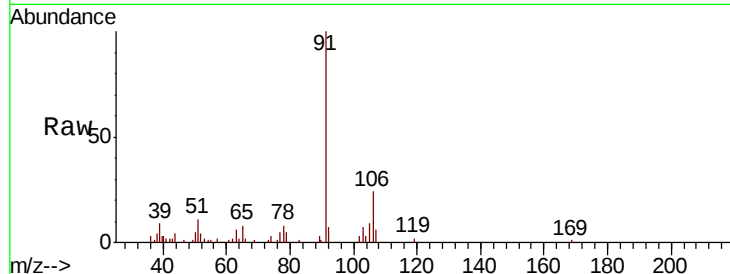
#53
Ethylbenzene
Concen: 0.498 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017852.D
Acq: 13 Jan 2021 17:05

Instrument :
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Tot Ion: 91 Resp: 8883
Ion Ratio Lower Upper
91 100
106 24.3 22.0 41.0

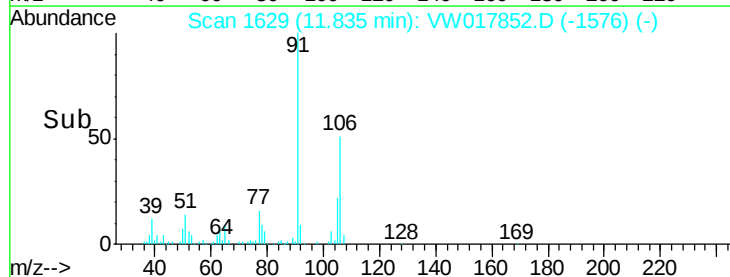
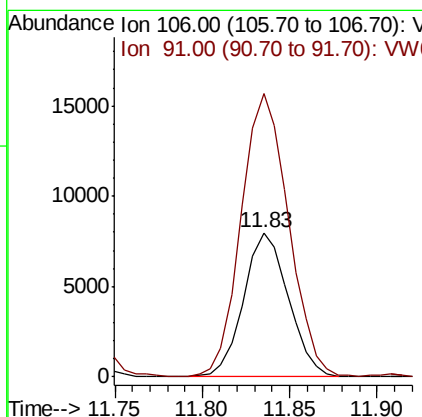
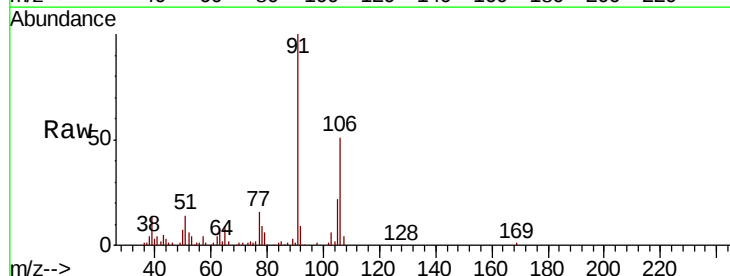
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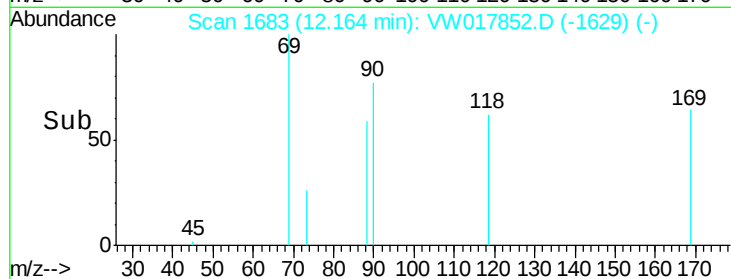
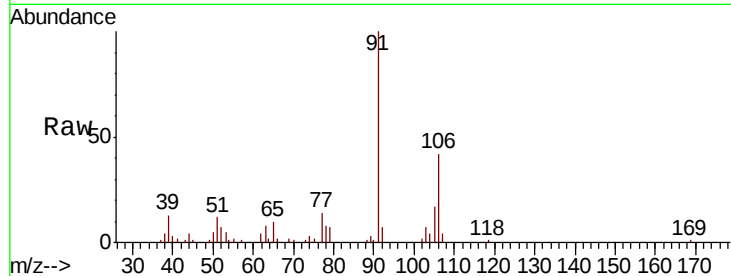
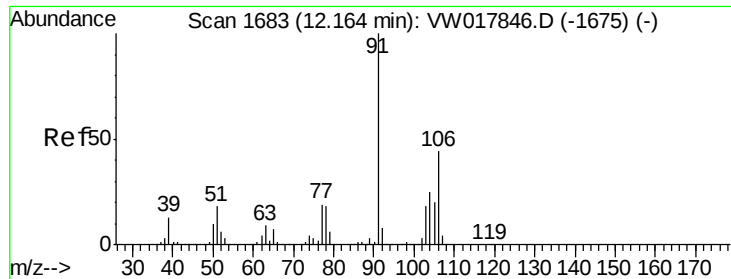
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#54
m,p-Xylene
Concen: 2.039 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW017852.D
Acq: 13 Jan 2021 17:05

Tgt Ion: 106 Resp: 14218
Ion Ratio Lower Upper
106 100
91 195.9 141.6 263.0





#55
o-xylene
Concen: 0.806 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW017852.D
Acq: 13 Jan 2021 17:05

Tot Ion: 106 Resp: 5285
Ion Ratio Lower Upper
106 100
91 240.3 145.7 270.7

Instrument :
MSVOA_W
ClientSampleId :
BFN62

Manual Integrations
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