

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
 Data File : VW013794.D
 Acq On : 29 Oct 2019 15:35
 Operator : SY/VA
 Sample : K5535-06RE
 Misc : 6.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK28RE

Manual Integrations
 APPROVED

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 10/30/2019 11:11:47 AM

Quant Time: Nov 07 02:54:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 06:58:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	296076	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236146	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	78609	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100094	27.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.20%
7) Chloroethane-d5	2.88	69	80511	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.96%
10) 1,1-Dichloroethene-d2	4.03	63	138523	17.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.08%
20) 2-Butanone-d5	7.07	46	66382	51.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.18%
24) Chloroform-d	7.65	84	196540	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	8.30	65	110993	25.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.48%
29) Benzene-d6	8.27	84	411298	28.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.96%
33) 1,2-Dichloropropane-d6	9.27	67	125442	29.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.40%
37) Toluene-d8	10.32	98	339930	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.92%
38) trans-1,3-Dichloropropene-	10.58	79	46265	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.80%
39) 2-Hexanone-d5	10.92	63	48170	59.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93982	27.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	70856	25.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	12080m	2.131	ug/L	
30) Cyclohexane	7.95	56	16783m	2.426	ug/L	
36) Methylcyclohexane	9.34	83	30967	4.041	ug/L	91
54) m,p-Xylene	11.83	106	6124	0.788	ug/L	91
55) o-xylene	12.16	106	3552	0.482	ug/L	97

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

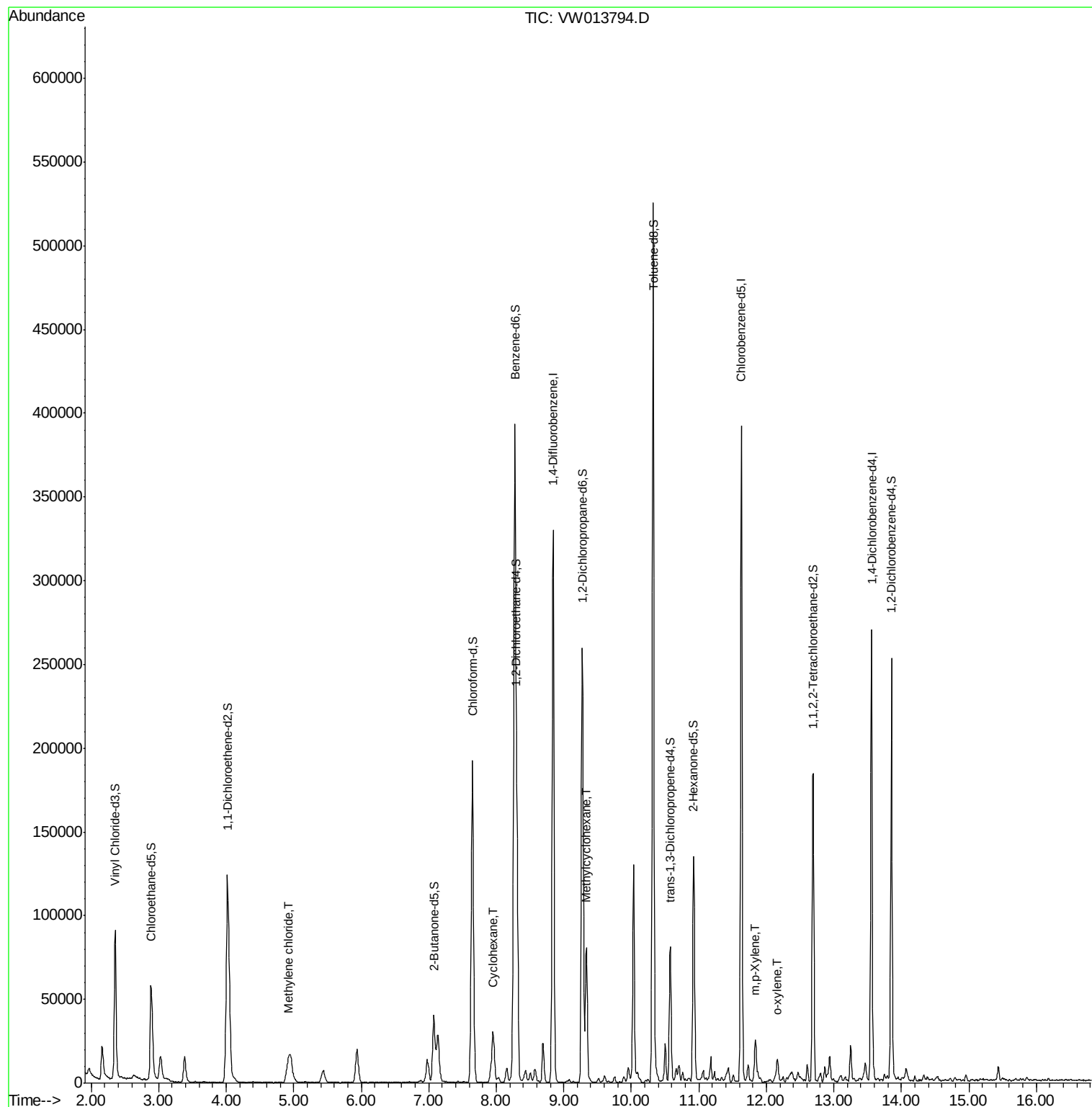
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102919\
Data File : VW013794.D
Acq On : 29 Oct 2019 15:35
Operator : SY/VA
Sample : K5535-06RE
Misc : 6.45G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

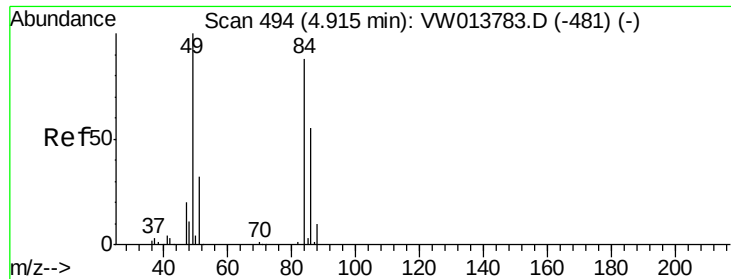
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration





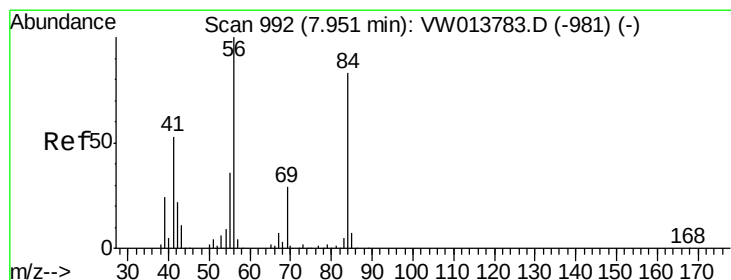
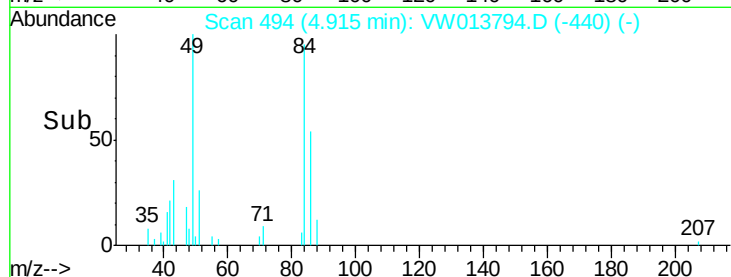
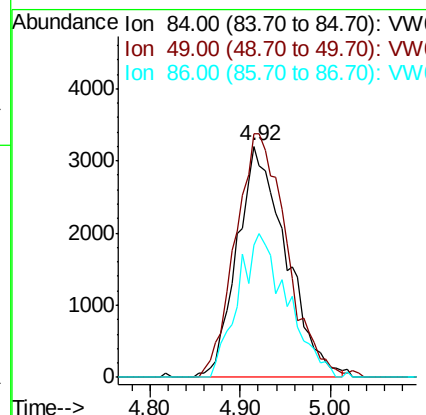
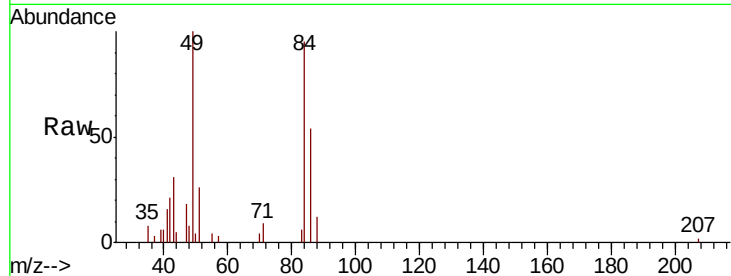
#16
Methvlene chloride
Concen: 2.131 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Instrument :
MSVOA_W
ClientSampleId :
BEK28RE

Tot Ion	84	Resp	12080
Ion	Ratio	Lower	Upper
84	100		
49	105.2	80.2	148.9
86	57.2	42.7	79.3

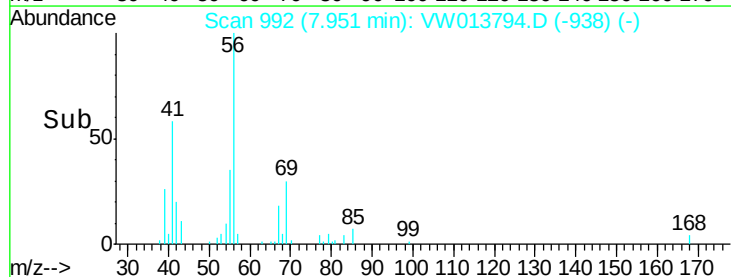
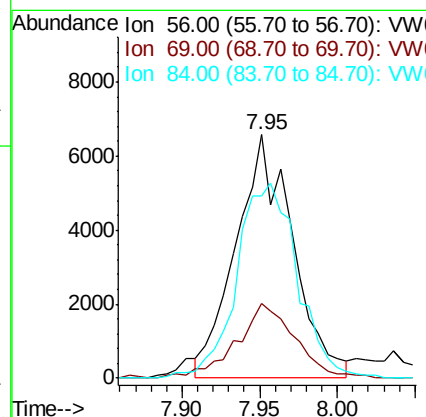
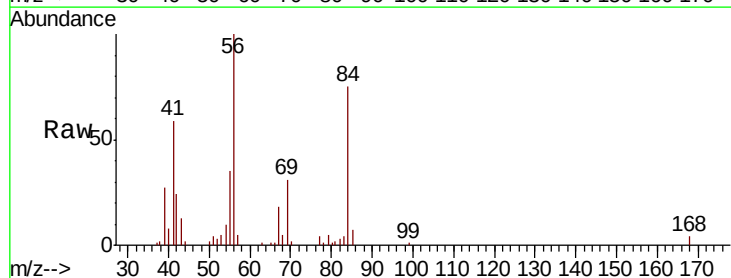
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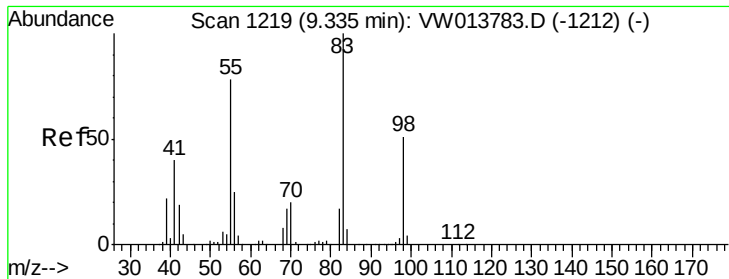
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#30
Cyclohexane
Concen: 2.426 ug/L m
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Tgt Ion	56	Resp	16783
Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.6	37.0
84	85.4	71.1	106.7





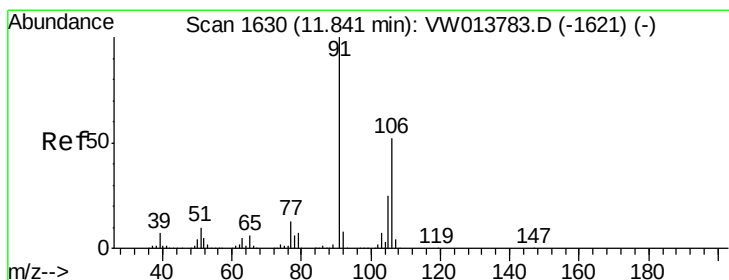
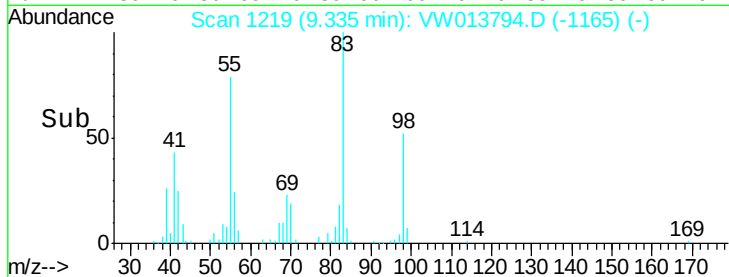
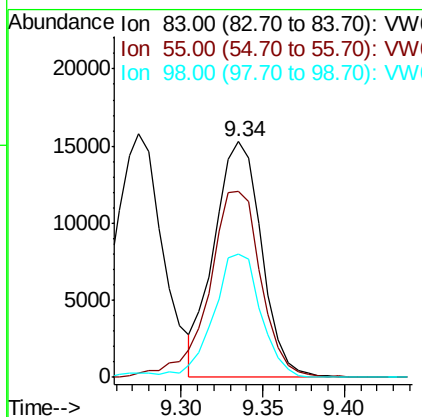
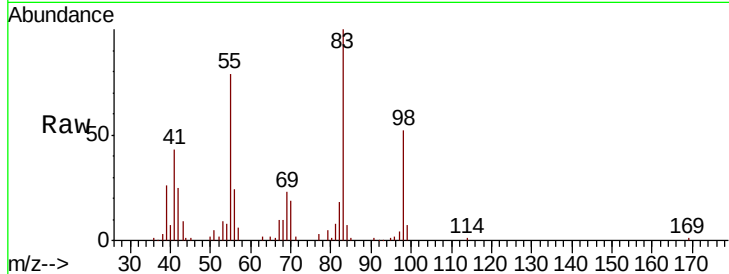
#36
Methylvclclohexane
Concen: 4.041 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Instrument :
MSVOA_W
ClientSampleId :
BEK28RE

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.1	60.2	90.4
98	51.2	39.1	58.7

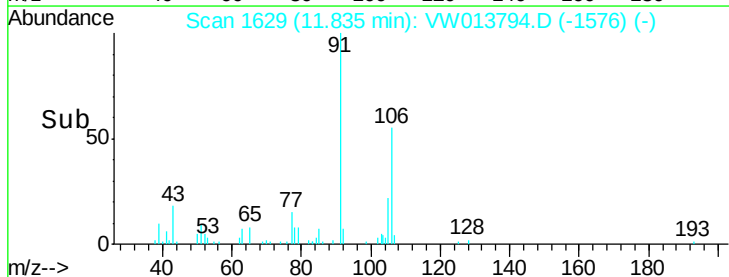
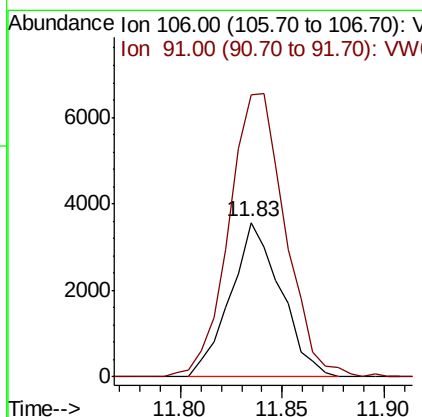
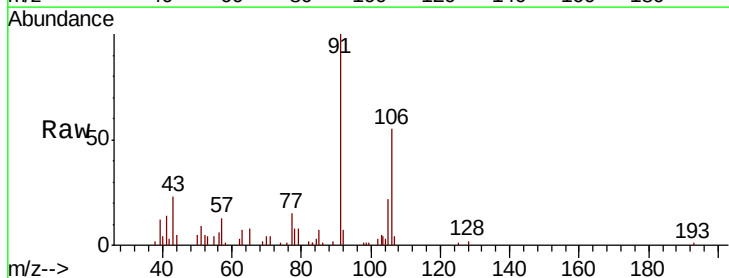
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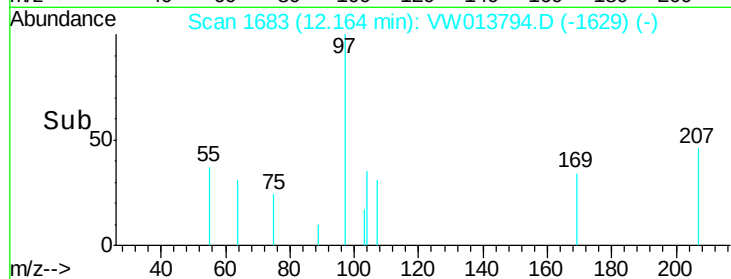
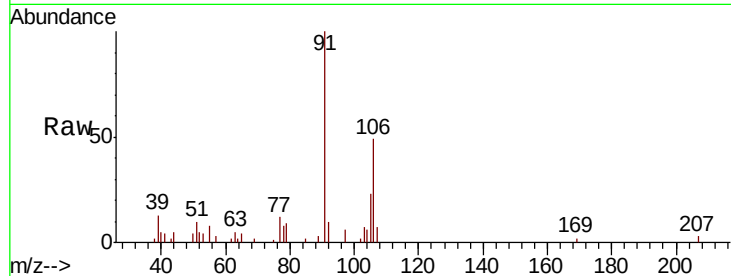
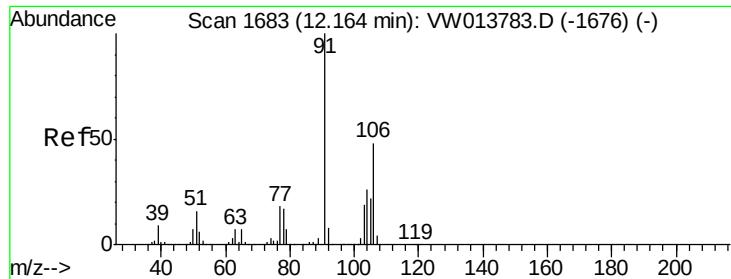
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#54
m,p-Xylene
Concen: 0.788 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	182.9	137.7	255.7





#55
o-xylene
Concen: 0.482 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013794.D
Acq: 29 Oct 2019 15:35

Instrument :
MSVOA_W
ClientSampleId :
BEK28RE

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.1	144.8	269.0

Manual Integrations
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