

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014638.D
 Acq On : 14 Jan 2020 17:32
 Operator : SY/VA
 Sample : L1109-16
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASH5

Manual Integrations
 APPROVED

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 1/16/2020 1:51:03 PM

Quant Time: Jan 15 02:43:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1227343	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1111189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	537308	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	432763	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.04%
7) Chloroethane-d5	2.89	69	338428	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.20%
10) 1,1-Dichloroethene-d2	4.02	63	614276	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.64%
20) 2-Butanone-d5	7.07	46	224105	54.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.86%
24) Chloroform-d	7.64	84	759310	26.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.56%
26) 1,2-Dichloroethane-d4	8.30	65	402539m	27.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.88%
29) Benzene-d6	8.27	84	1657309	28.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.20%
33) 1,2-Dichloropropane-d6	9.27	67	512614	28.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.40%
37) Toluene-d8	10.32	98	1492204	27.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.44%
38) trans-1,3-Dichloropropene-	10.57	79	197668	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.76%
39) 2-Hexanone-d5	10.92	63	176797	58.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.40%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	384769	28.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	516399	29.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.68%

Target Compounds

				Ovalue
13) Acetone	4.12	43	27041	4.744 ug/L 98
16) Methylene chloride	4.92	84	32511	1.624 ug/L 91
34) Benzene	8.32	78	123430	1.846 ug/L 100
54) m,p-Xylene	11.83	106	23188	0.798 ug/L 92
55) o-xylene	12.16	106	42266	1.539 ug/L 97

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

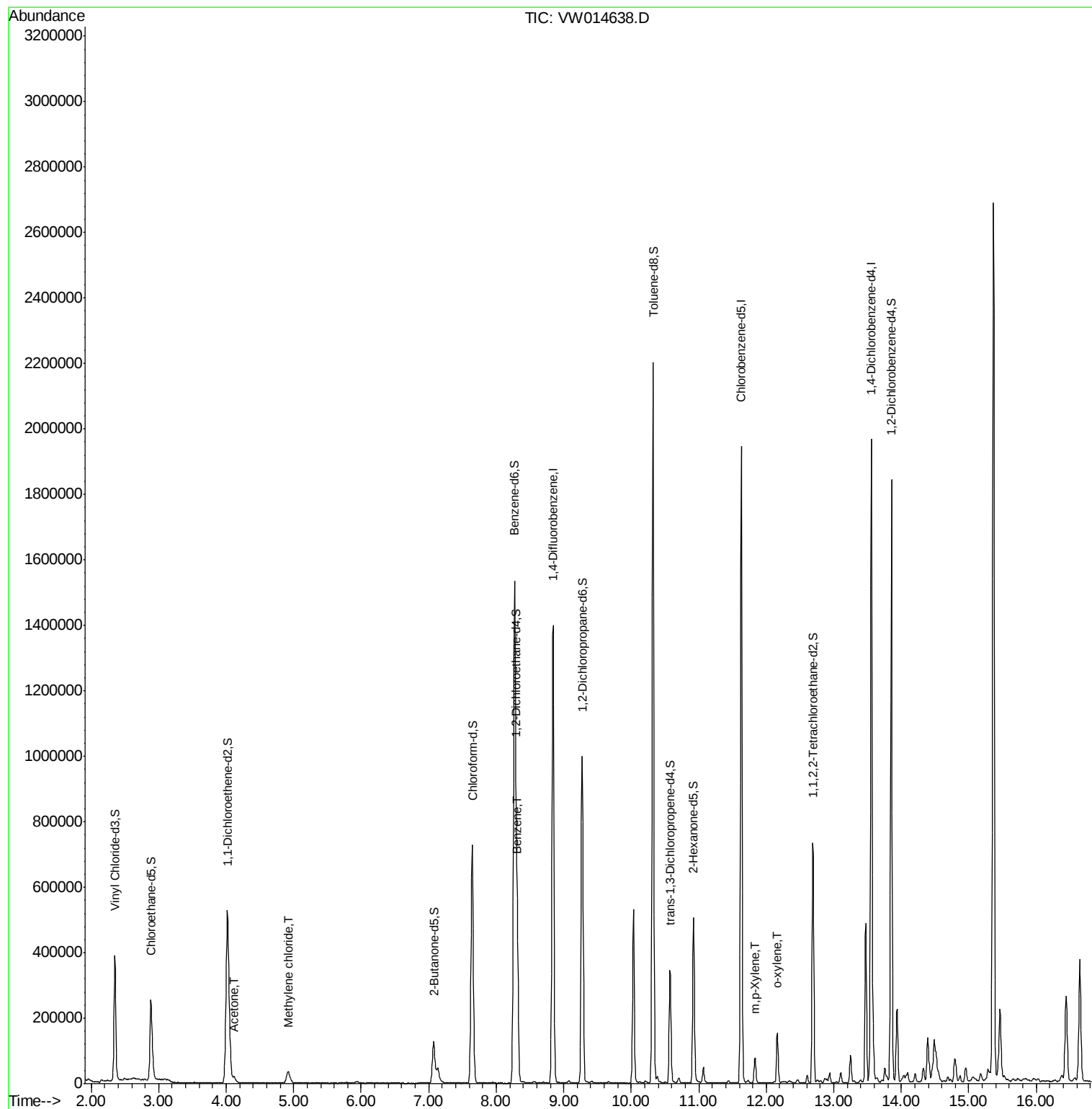
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
Data File : VW014638.D
Acq On : 14 Jan 2020 17:32
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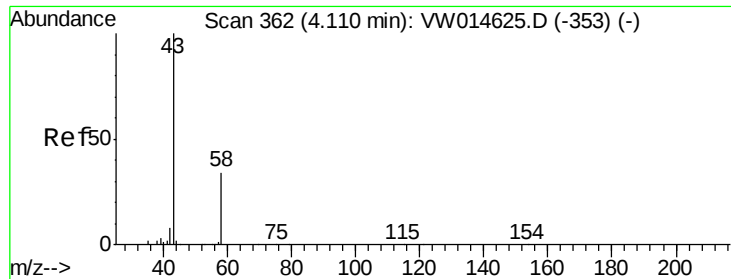
Instrument :
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ClientSampleId :
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Quant Time: Jan 15 02:43:12 2020
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Quant Title : VOC Analysis
QLast Update : Wed Jan 15 01:48:42 2020
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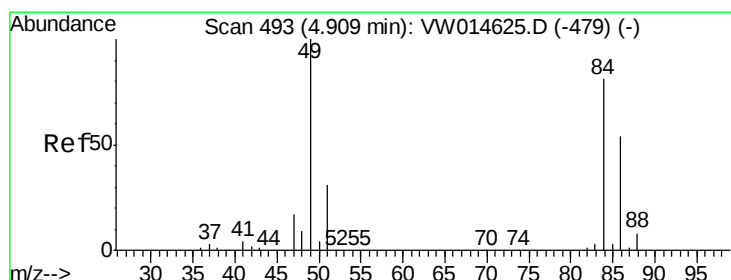
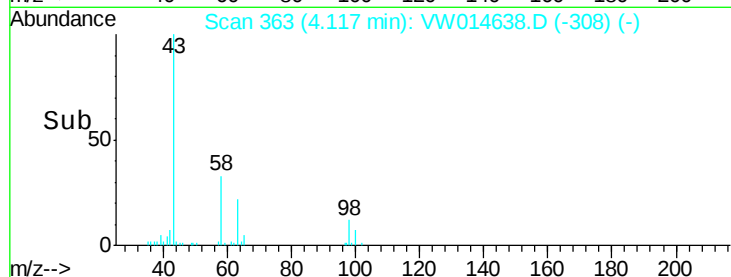
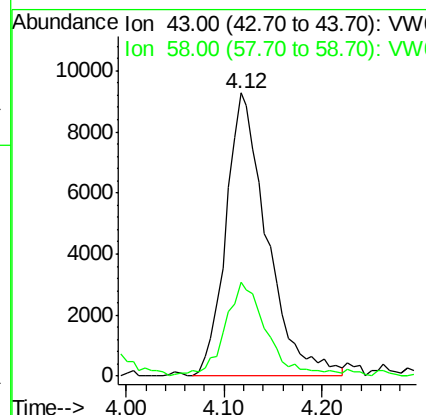
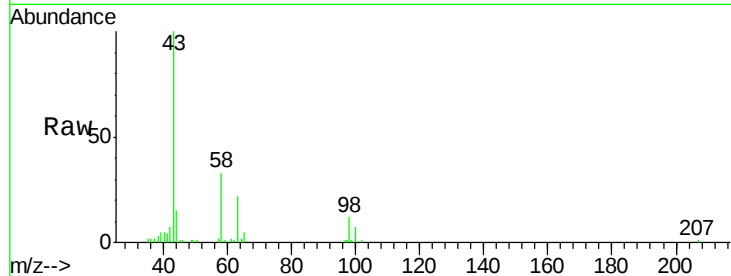
#13
Acetone
Concen: 4.744 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.01 min
Lab File: VW014638.D
Acq: 14 Jan 2020 17:32

Instrument :
MSVOA_W
ClientSampled :
GASH5

Tot Ion: 43 Resp: 27041
Ion Ratio Lower Upper
43 100
58 32.9 0.0 64.0

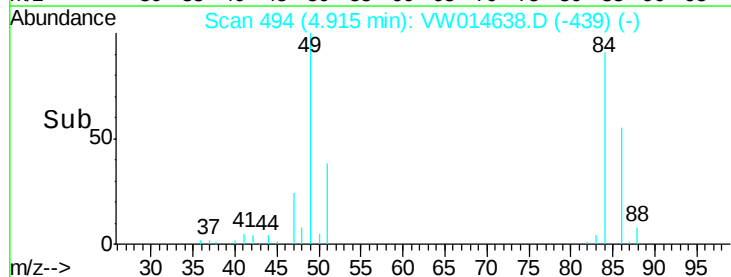
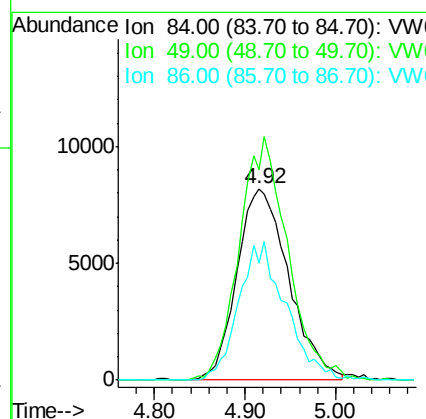
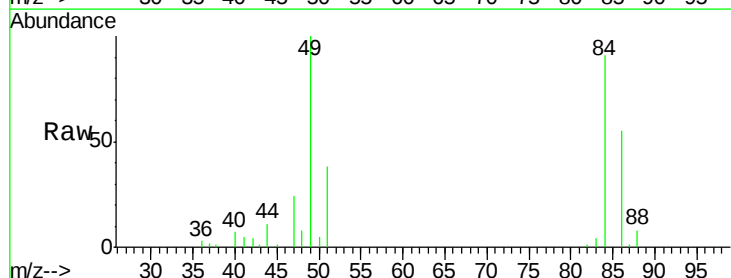
Manual Integrations
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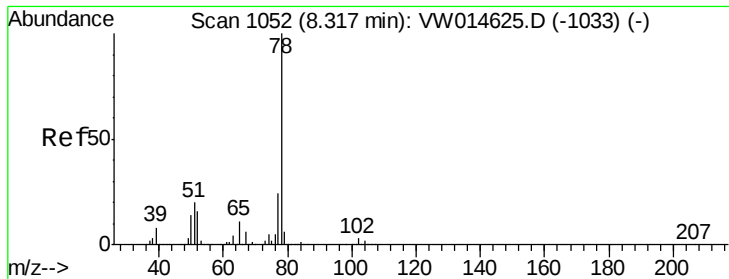
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#16
Methylene chloride
Concen: 1.624 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014638.D
Acq: 14 Jan 2020 17:32

Tgt Ion: 84 Resp: 32511
Ion Ratio Lower Upper
84 100
49 109.8 85.8 159.4
86 60.7 44.5 82.7





#34

Benzene

Concen: 1.846 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW014638.D

Acq: 14 Jan 2020 17:32

Instrument :

MSVOA_W

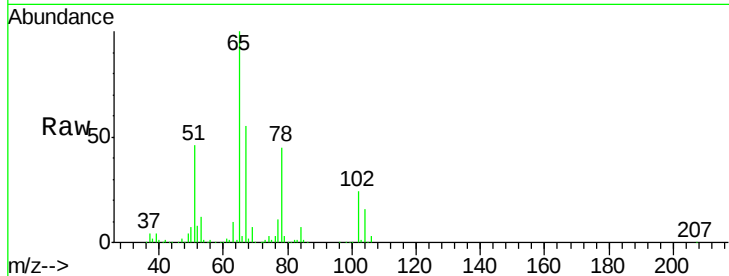
ClientSampleId :

GASH5

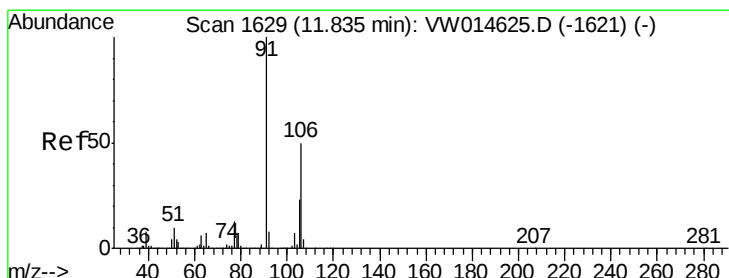
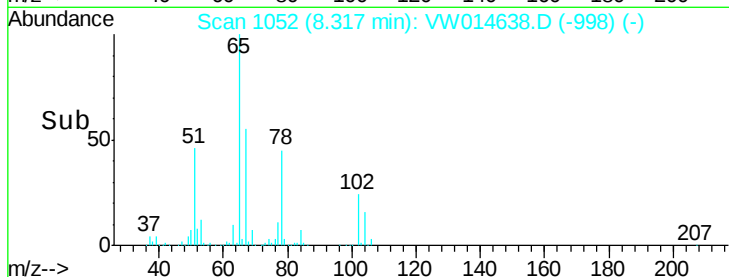
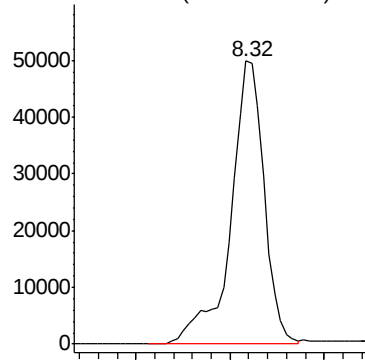
Tgt Ion: 78 Resp: 123430

Manual Integrations
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Abundance Ion 78.00 (77.70 to 78.70): VW



#54

m,p-Xylene

Concen: 0.798 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014638.D

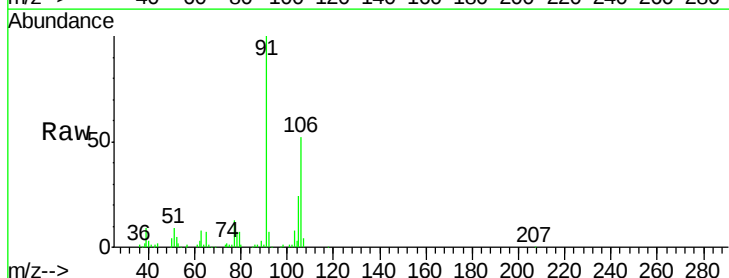
Acq: 14 Jan 2020 17:32

Tgt Ion: 106 Resp: 23188

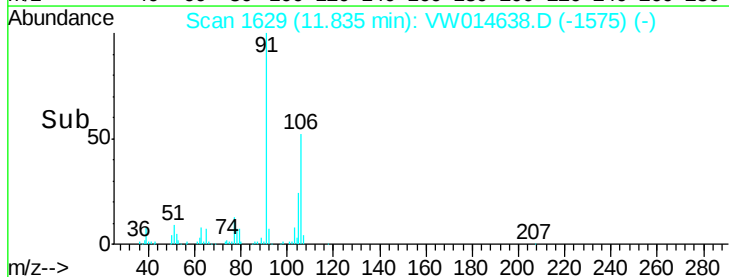
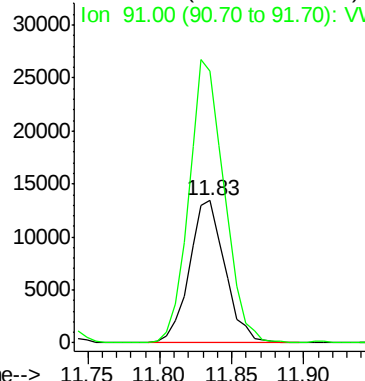
Ion Ratio Lower Upper

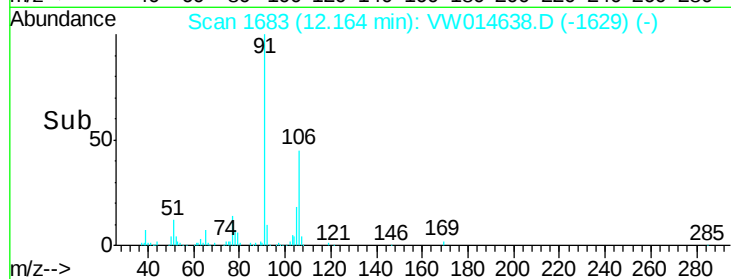
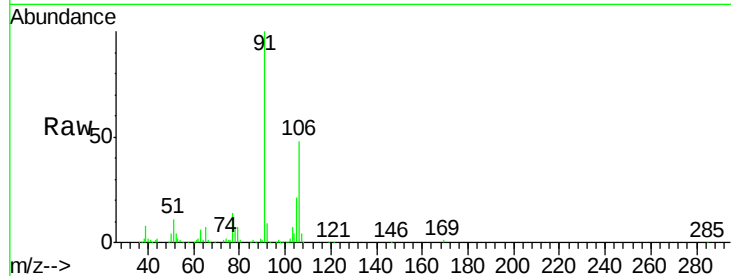
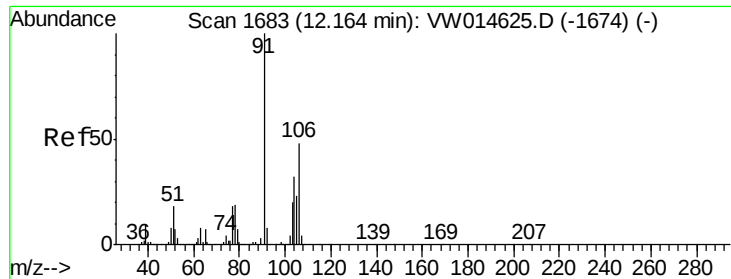
106 100

91 191.1 142.2 264.0



Abundance Ion 106.00 (105.70 to 106.70): V





#55
o-xylene
Concen: 1.539 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014638.D
Acq: 14 Jan 2020 17:32

Tot Ion:106 Resp: 42266
Ion Ratio Lower Upper
106 100
91 207.2 148.7 276.1

Instrument :
MSVOA_W
ClientSampleId :
GASH5

Manual Integrations
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