

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032620\
 Data File : VW015145.D
 Acq On : 26 Mar 2020 10:56
 Operator : SY/VA
 Sample : L1986-02
 Misc : 4.73G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 01:06:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 01:00:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	526985	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	431617	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	229154	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
7) Chloroethane-d5	2.89	69	201807	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.56%
10) 1,1-Dichloroethene-d2	4.01	63	340805	18.63	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.52%
20) 2-Butanone-d5	7.08	46	84504	40.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.58%
24) Chloroform-d	7.65	84	393127	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	8.55	65	132	0.01	ug/L	0.24
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	772316	27.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.84%
33) 1,2-Dichloropropane-d6	9.27	67	253136	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.32%
37) Toluene-d8	10.32	98	616205	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.68%
38) trans-1,3-Dichloropropene-	10.58	79	82887	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.40%
39) 2-Hexanone-d5	10.93	63	52560	38.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127047	20.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	100079	24.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.20%

Target Compounds

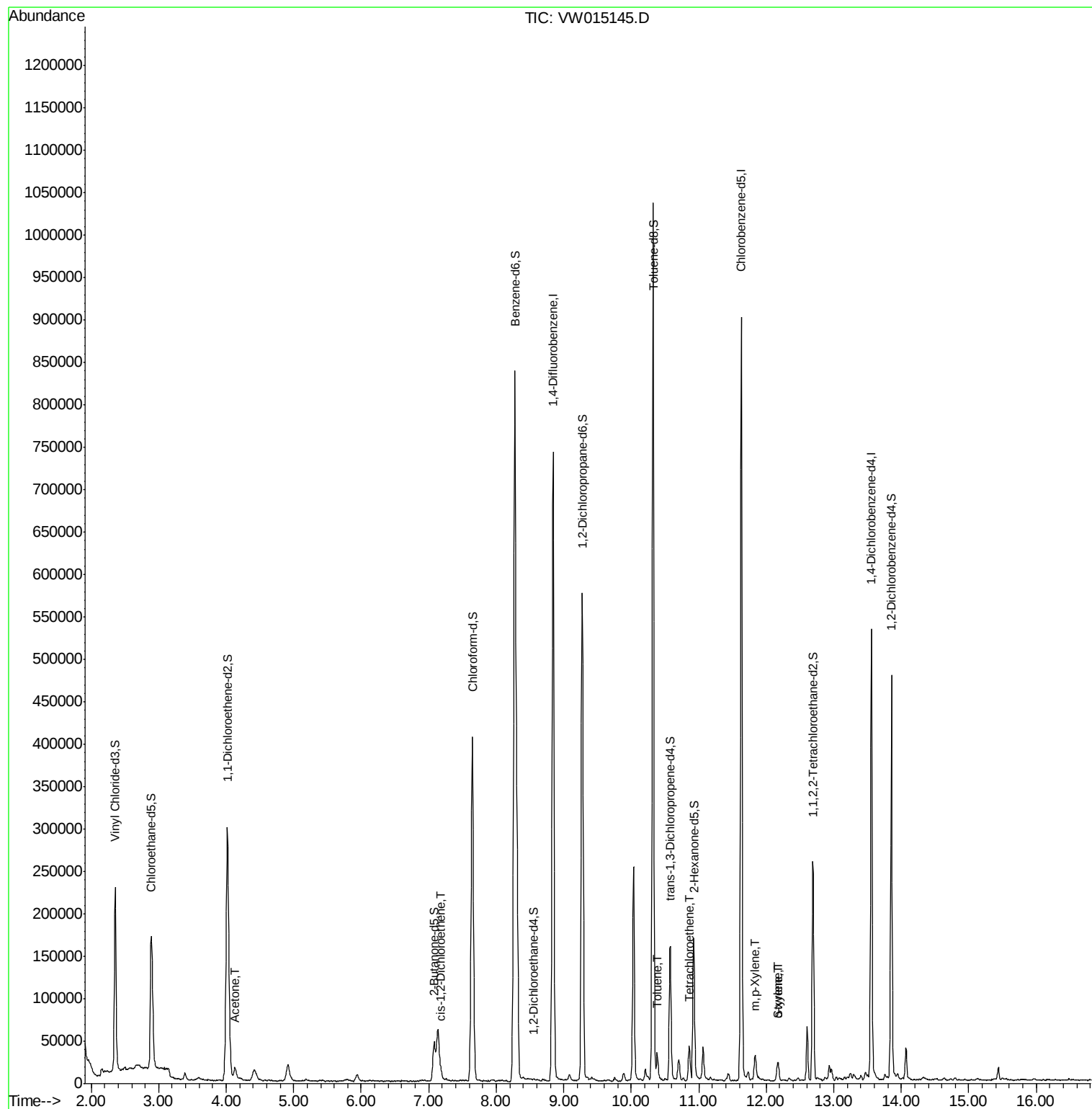
					Ovalue
13) Acetone	4.13	43	25047	13.547	ug/L 94
22) cis-1,2-Dichloroethene	7.18	96	2674	0.332	ug/L 90
44) Toluene	10.39	91	21562	0.683	ug/L 98
47) Tetrachloroethene	10.86	164	7323	1.460	ug/L 96
54) m,p-Xylene	11.84	106	7082	0.592	ug/L 84
55) o-xylene	12.16	106	3225	0.288	ug/L 90
56) Styrene	12.18	104	6309	0.331	ug/L 93

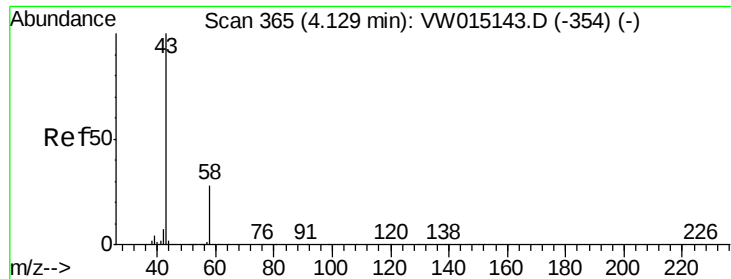
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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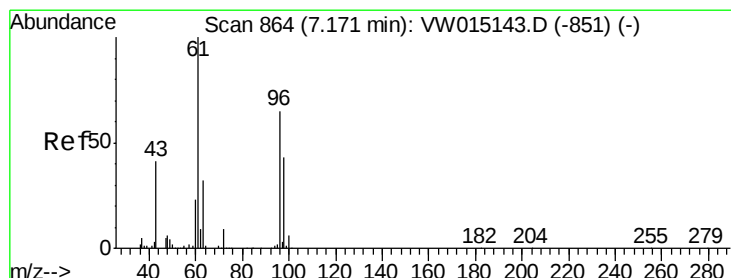
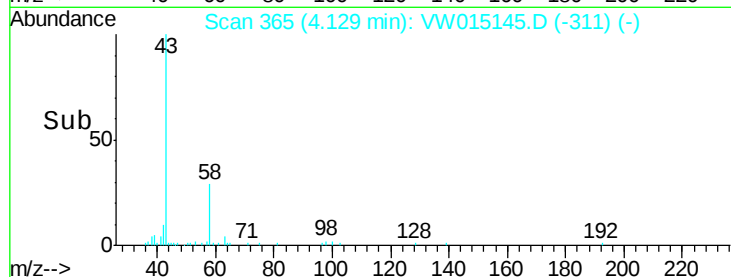
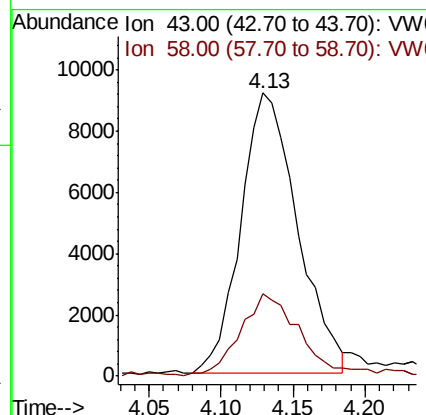
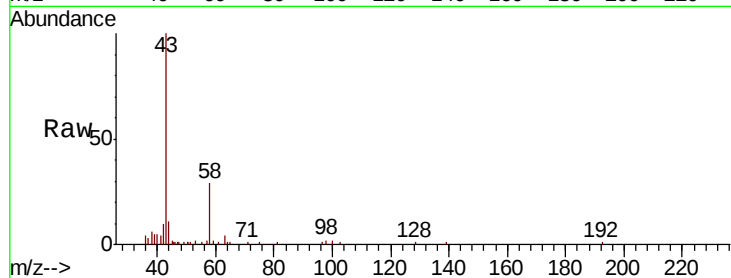




#13
Acetone
Concen: 13.547 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW015145.D
Acq: 26 Mar 2020 10:56

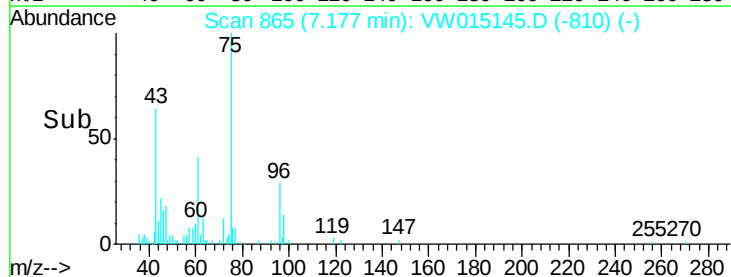
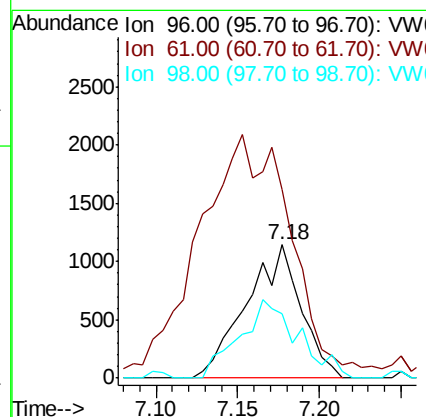
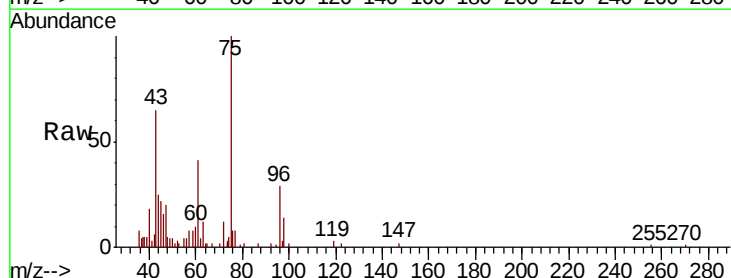
Instrument :
MSVOA_W
ClientSampled :

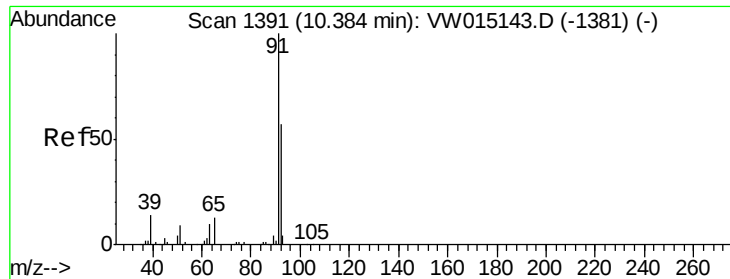
Tot Ion: 43 Resp: 25047
Ion Ratio Lower Upper
43 100
58 30.5 0.0 54.4



#22
cis-1,2-Dichloroethene
Concen: 0.332 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015145.D
Acq: 26 Mar 2020 10:56

Tgt Ion: 96 Resp: 2674
Ion Ratio Lower Upper
96 100
61 141.6 105.6 196.0
98 47.9 43.3 80.5





#44

Toluene

Concen: 0.683 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015145.D

Acq: 26 Mar 2020 10:56

Instrument :

MSVOA_W

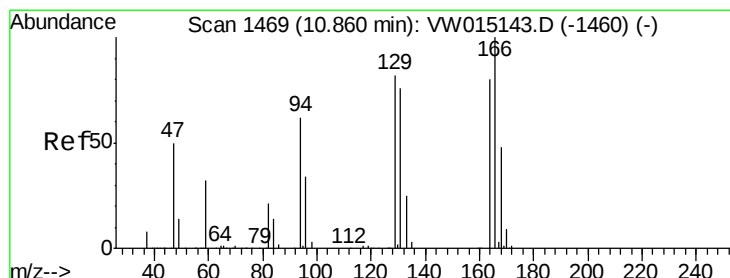
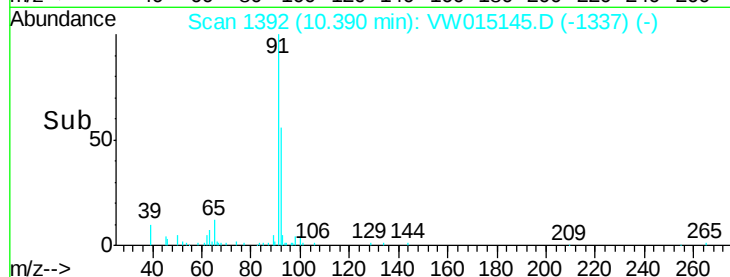
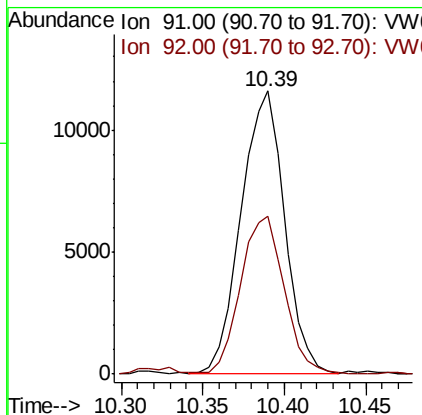
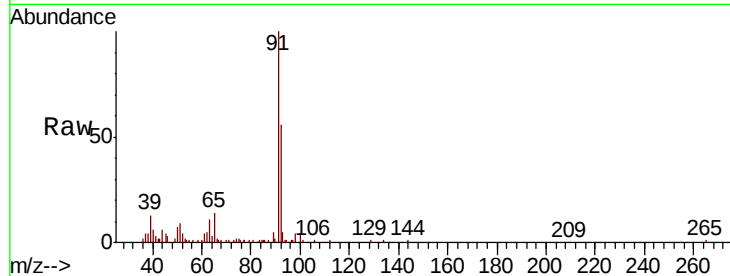
ClientSampled :

Tot Ion: 91 Resp: 21562

Ion Ratio Lower Upper

91 100

92 55.7 40.2 74.6



#47

Tetrachloroethene

Concen: 1.460 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW015145.D

Acq: 26 Mar 2020 10:56

Tgt Ion: 164 Resp: 7323

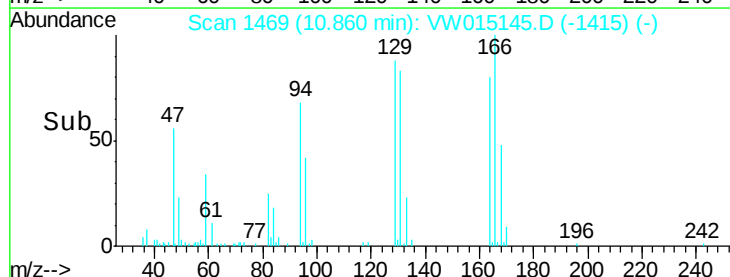
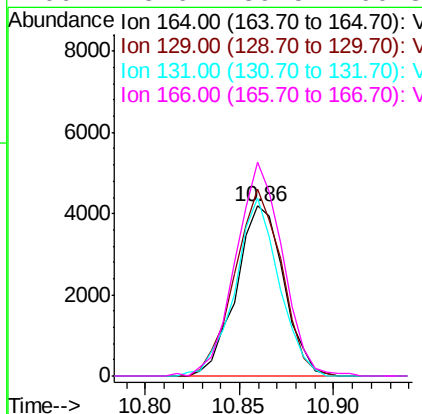
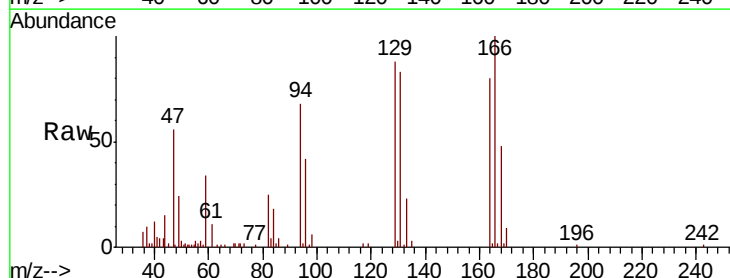
Ion Ratio Lower Upper

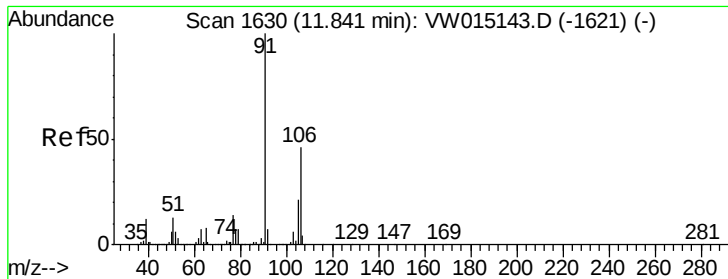
164 100

129 110.2 73.2 136.0

131 104.5 69.4 128.8

166 125.6 89.5 166.3





#54

m,p-Xylene

Concen: 0.592 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015145.D

Acq: 26 Mar 2020 10:56

Instrument :

MSVOA_W

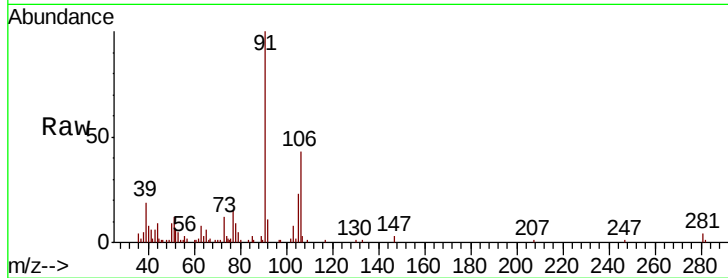
ClientSampleId :

Tot Ion:106 Resp: 7082

Ion Ratio Lower Upper

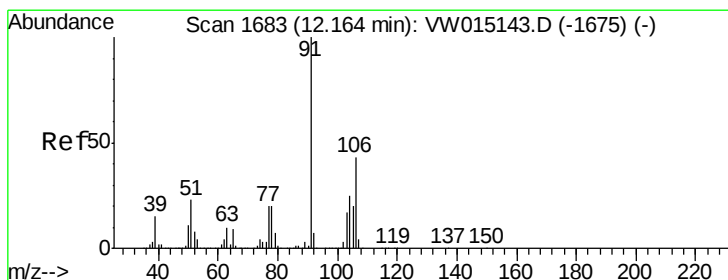
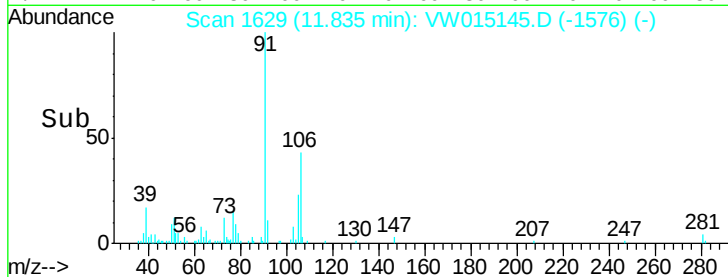
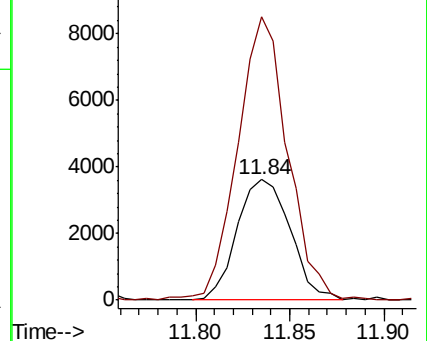
106 100

91 235.2 147.3 273.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.288 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW015145.D

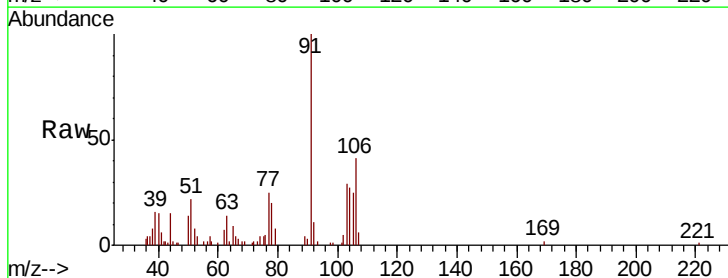
Acq: 26 Mar 2020 10:56

Tgt Ion:106 Resp: 3225

Ion Ratio Lower Upper

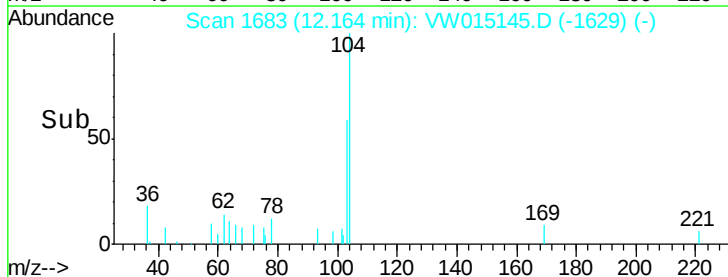
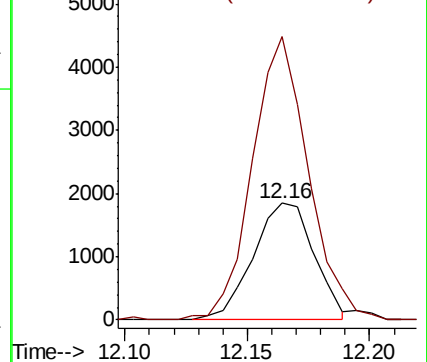
106 100

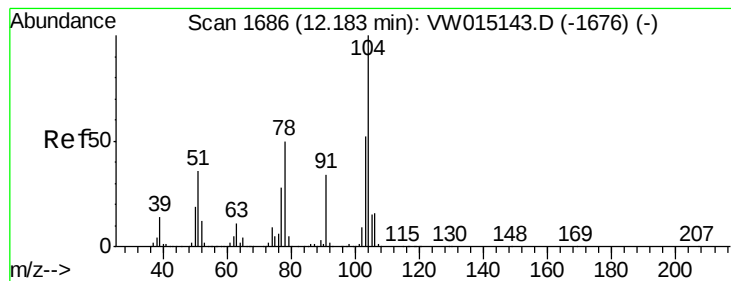
91 243.0 158.6 294.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Stvrene

Concen: 0.331 ug/L

RT: 12.18 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VW015145.D

Acq: 26 Mar 2020 10:56

Instrument :

MSVOA_W

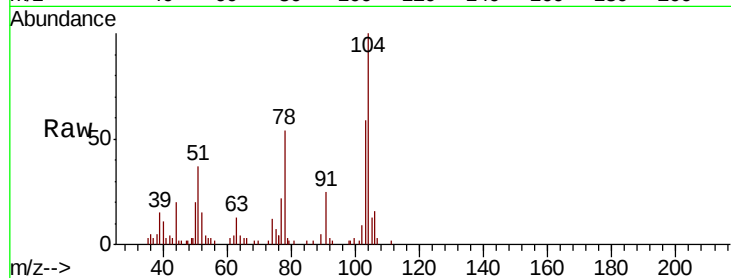
ClientSampleId :

Tot Ion:104 Resp: 6309

Ion Ratio Lower Upper

104 100

78 53.5 33.9 63.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

