

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016118.D
 Acq On : 10 Aug 2020 22:40
 Operator : SY/VA
 Sample : L3599-01
 Misc : 6.69G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 11 02:00:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372432	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	329172	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103184	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109619	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.96%
7) Chloroethane-d5	2.89	69	80773	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.01	63	168719	17.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.80%
20) 2-Butanone-d5	7.09	46	81980	67.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.94%
24) Chloroform-d	7.65	84	234485	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	8.31	65	146717	27.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.56%
29) Benzene-d6	8.27	84	452802	25.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.16%
33) 1,2-Dichloropropane-d6	9.27	67	136844	25.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.96%
37) Toluene-d8	10.33	98	395965	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.44%
38) trans-1,3-Dichloropropene-	10.58	79	63231	26.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.88%
39) 2-Hexanone-d5	10.93	63	64954	71.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.00%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	132377	30.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.52%#
61) 1,2-Dichlorobenzene-d4	13.86	152	95235	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds

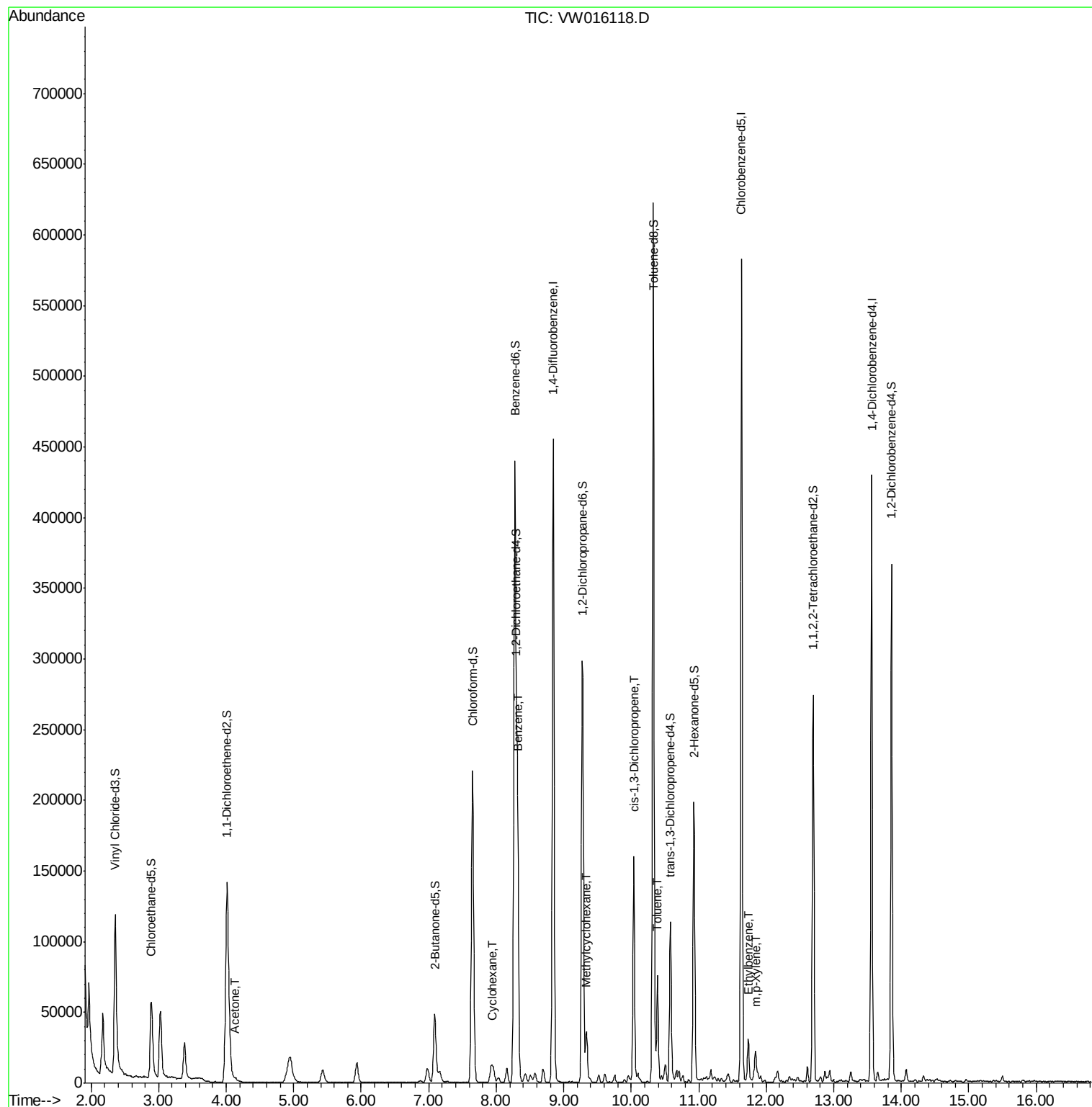
					Ovalue
13) Acetone	4.14	43	5028	5.470 ug/L	66
30) Cyclohexane	7.95	56	4658	0.650 ug/L #	23
34) Benzene	8.32	78	60244	3.174 ug/L	100
36) Methylcyclohexane	9.34	83	12124	1.442 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4220	0.594 ug/L #	78
44) Toluene	10.39	91	53839	2.687 ug/L	96
53) Ethylbenzene	11.73	91	20551	0.904 ug/L	99
54) m,p-Xylene	11.84	106	5515	0.645 ug/L	99

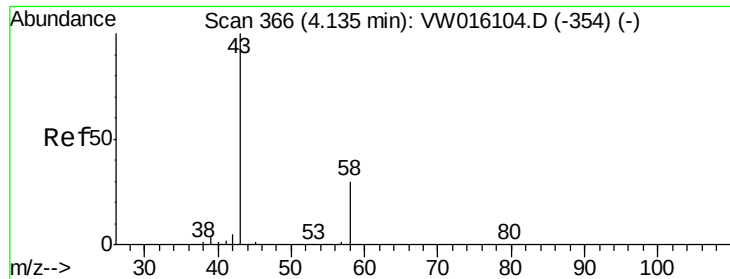
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 11 01:19:31 2020
Response via : Initial Calibration

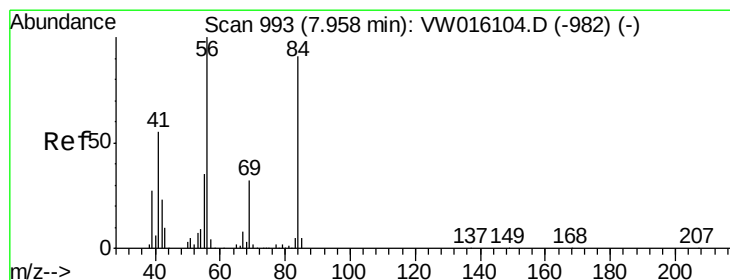
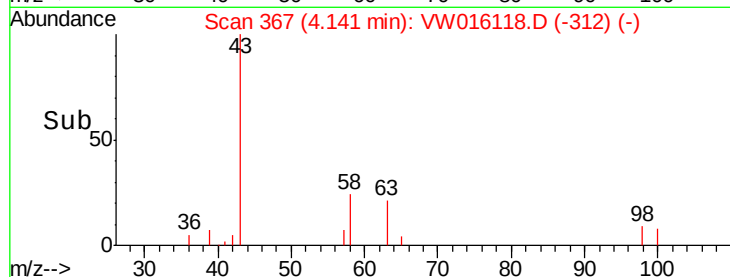
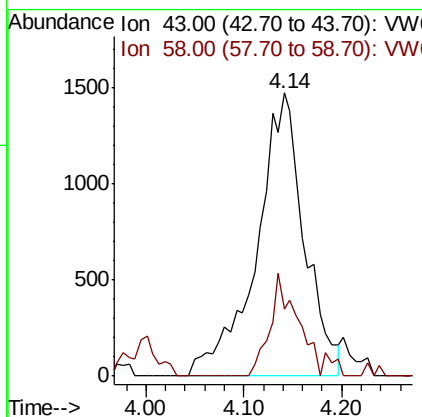
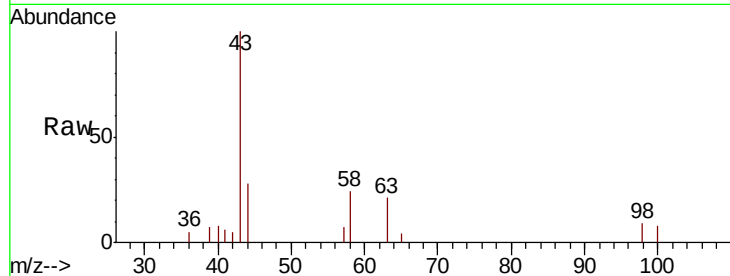




#13
Acetone
Concen: 5.470 ug/L
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW016118.D
Acq: 10 Aug 2020 22:40

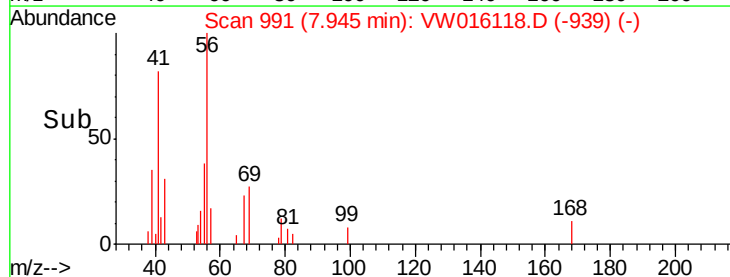
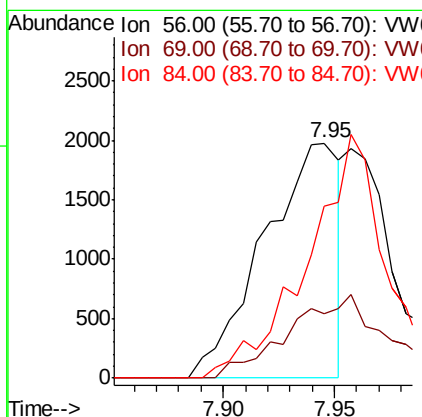
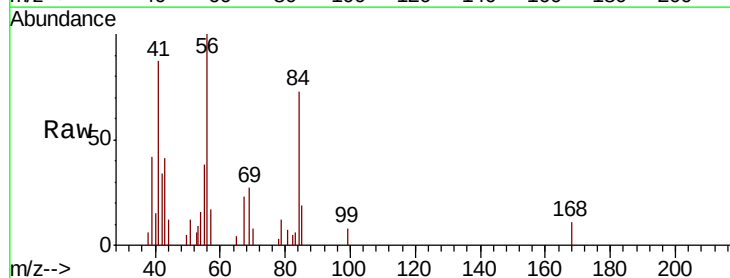
Instrument :
MSVOA_W
ClientSampleId :

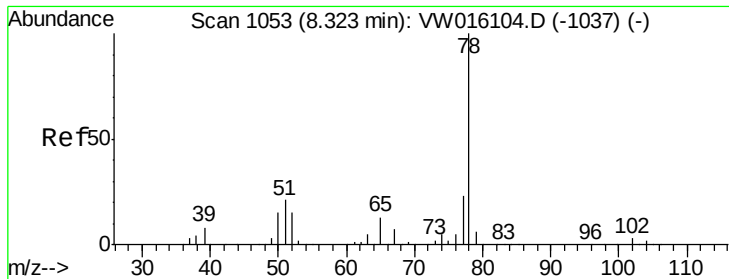
Tot Ion: 43 Resp: 5028
Ion Ratio Lower Upper
43 100
58 11.3 0.0 59.4



#30
Cyclohexane
Concen: 0.650 ug/L
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016118.D
Acq: 10 Aug 2020 22:40

Tgt Ion: 56 Resp: 4658
Ion Ratio Lower Upper
56 100
69 18.7 25.4 38.0#
84 0.0 73.0 109.6#





#34

Benzene

Concen: 3.174 ug/L

RT: 8.32 min Scan# 1053

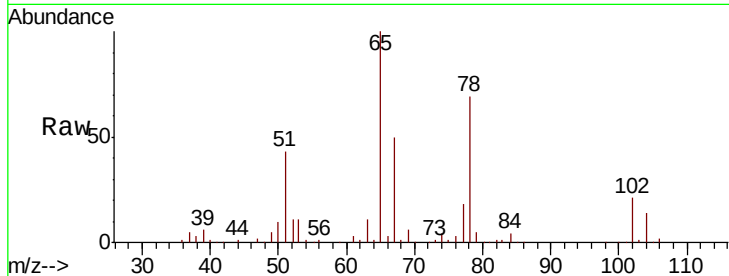
Delta R.T. -0.00 min

Lab File: VW016118.D

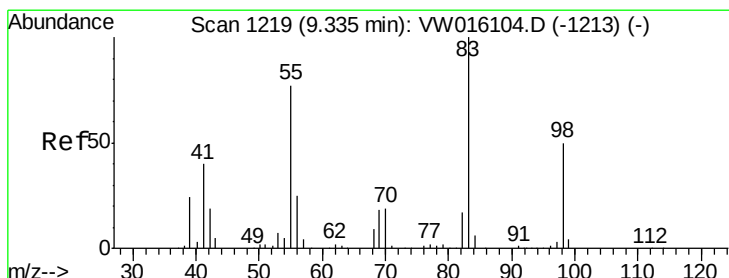
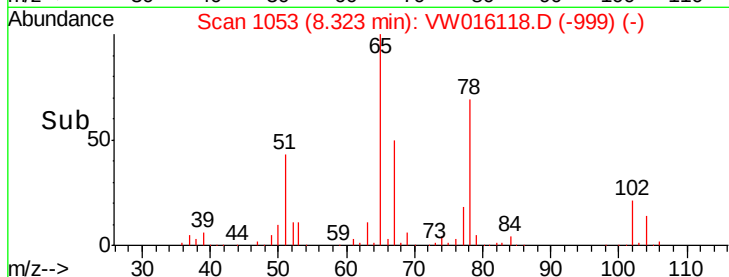
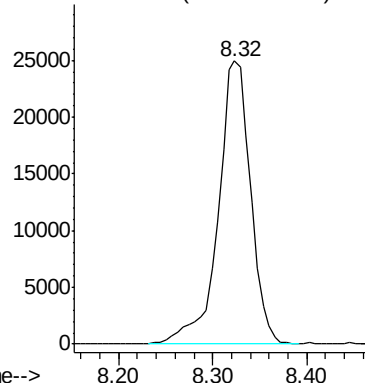
Acq: 10 Aug 2020 22:40

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 60244



Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 1.442 ug/L

RT: 9.34 min Scan# 1219

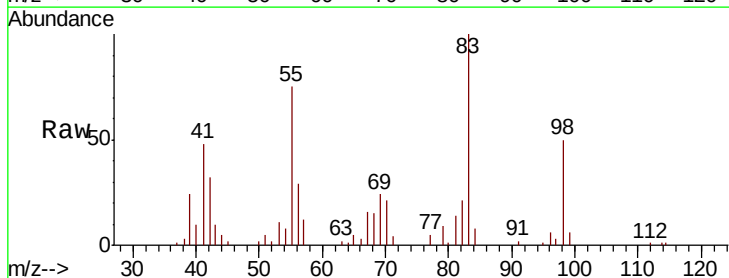
Delta R.T. -0.00 min

Lab File: VW016118.D

Acq: 10 Aug 2020 22:40

Tgt Ion: 83 Resp: 12124

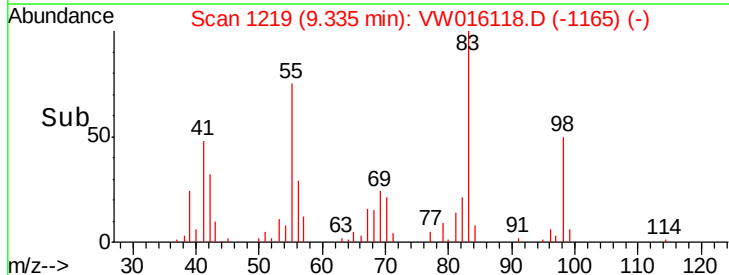
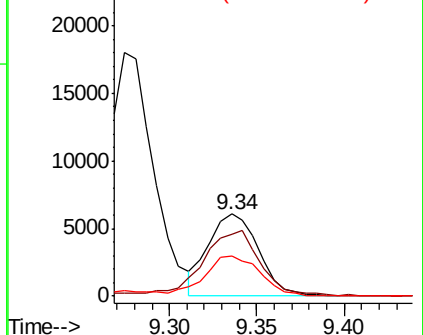
Ion	Ratio	Lower	Upper
83	100		
55	93.8	60.7	91.1#
98	53.9	39.4	59.0

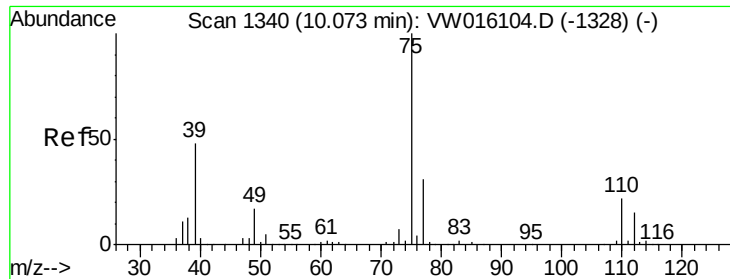


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.594 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016118.D

Acq: 10 Aug 2020 22:40

Instrument :

MSVOA_W

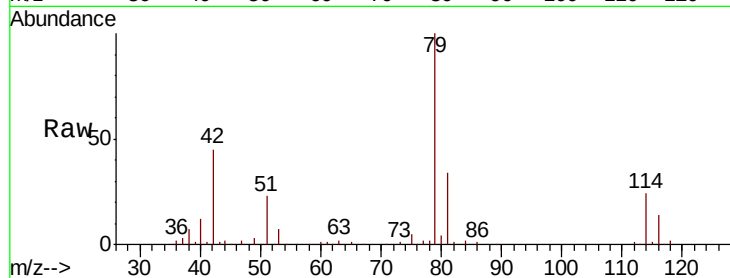
ClientSampled :

Tot Ion: 75 Resp: 4220

Ion Ratio Lower Upper

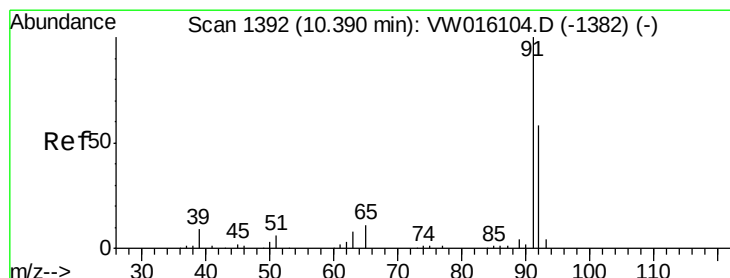
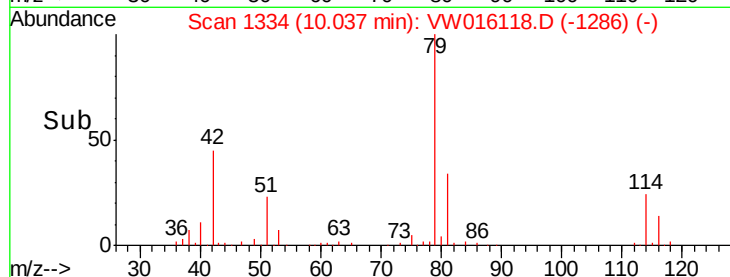
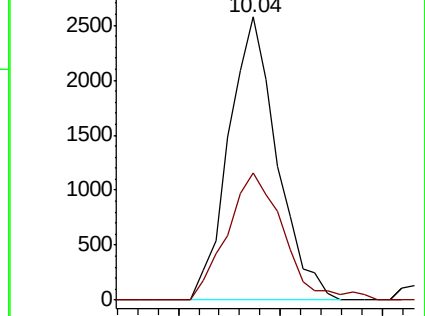
75 100

77 44.8 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 2.687 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016118.D

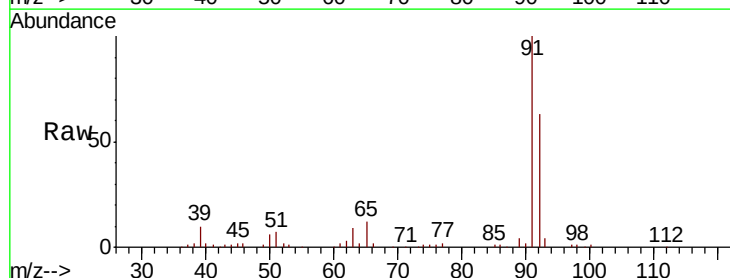
Acq: 10 Aug 2020 22:40

Tgt Ion: 91 Resp: 53839

Ion Ratio Lower Upper

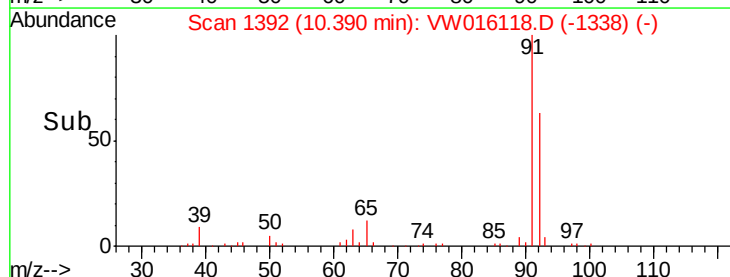
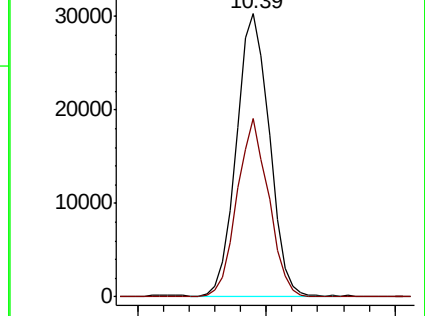
91 100

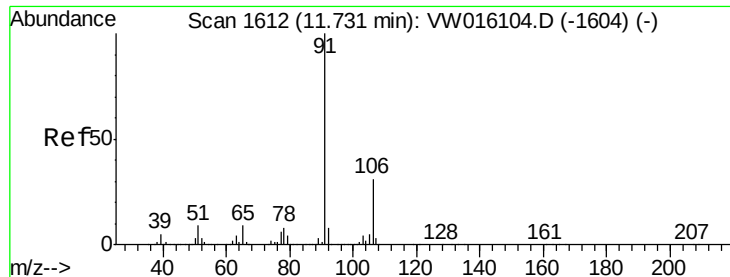
92 62.9 41.8 77.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

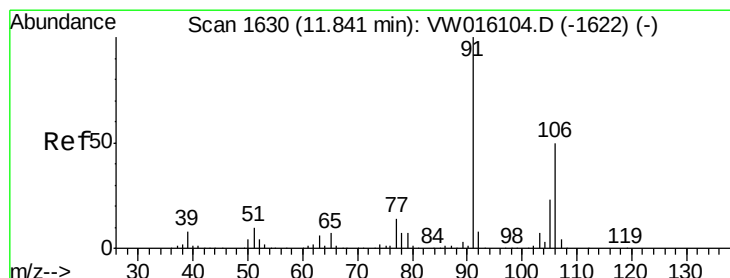
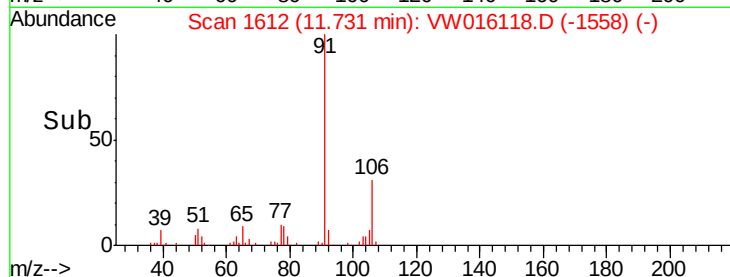
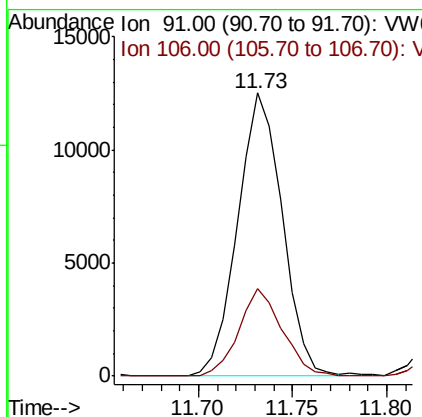
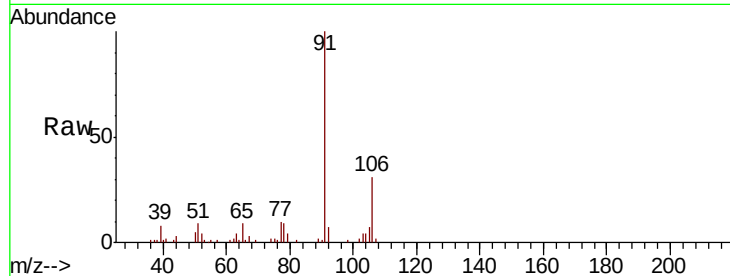




#53
Ethylbenzene
Concen: 0.904 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016118.D
Acq: 10 Aug 2020 22:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 91 Resp: 20551
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#54
m,p-Xylene
Concen: 0.645 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016118.D
Acq: 10 Aug 2020 22:40

Tgt Ion: 106 Resp: 5515
Ion Ratio Lower Upper
106 100
91 192.8 136.4 253.2

