

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007159.D
 Acq On : 03 Dec 2018 11:40
 Operator : SY/AP
 Sample : J6077-05
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9Y38

Quant Time: Dec 04 03:32:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 04 03:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	162343	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	144420	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	72168	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26473	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.68%
7) Chloroethane-d5	2.89	69	21396	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.02	63	55155	15.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.32%
20) 2-Butanone-d5	7.08	46	19466	34.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.60%
24) Chloroform-d	7.65	84	73118	21.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	8.31	65	38635	19.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.52%
29) Benzene-d6	8.28	84	172866	25.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.76%
33) 1,2-Dichloropropane-d6	9.28	67	83982	42.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	170.88%#
37) Toluene-d8	10.33	98	183600	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
38) trans-1,3-Dichloropropene-	10.58	79	22818	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.96%
39) 2-Hexanone-d5	10.93	63	18561	40.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	36243	20.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	57386	21.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.76%

Target Compounds

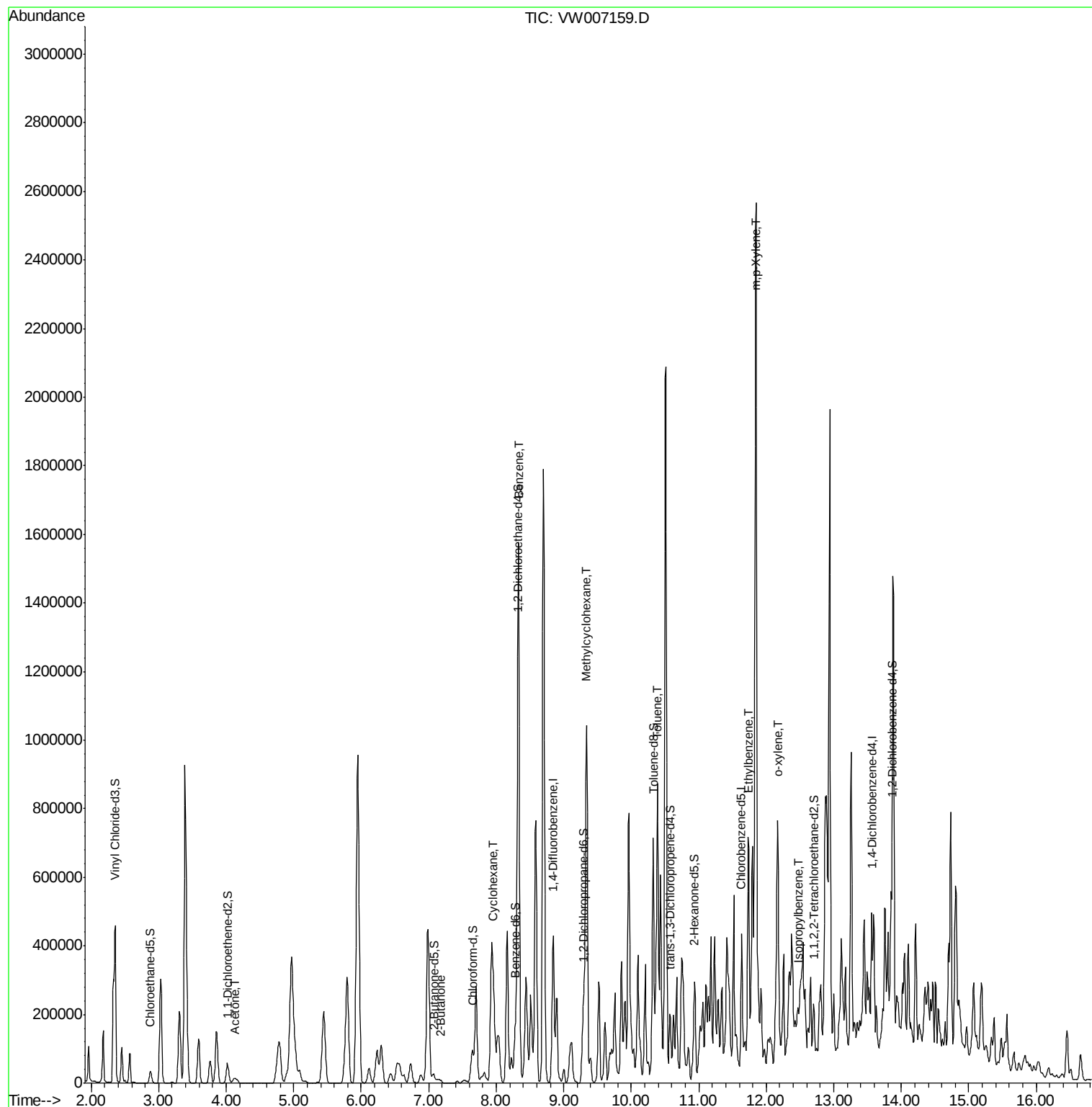
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.13	43	16887	43.097	ug/L	84
21) 2-Butanone	7.18	43	8952	14.882	ug/L	100
30) Cyclohexane	7.96	56	202094	64.201	ug/L #	82
34) Benzene	8.33	78	1602613	214.146	ug/L	100
36) Methylcyclohexane	9.34	83	472597	125.439	ug/L	93
44) Toluene	10.39	91	589957	65.790	ug/L	99
53) Ethylbenzene	11.73	91	347871	33.461	ug/L	99
54) m,p-Xylene	11.84	106	287703	70.924	ug/L	92
55) o-xylene	12.17	106	173460	46.111	ug/L	98
57) Isopropylbenzene	12.47	105	55502	5.306	ug/L #	96

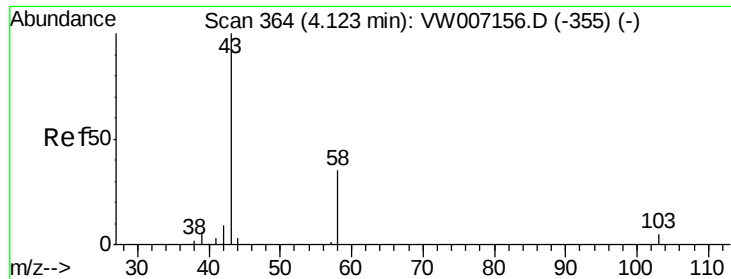
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 04 03:14:20 2018
Response via : Initial Calibration





#13

Acetone

Concen: 43.097 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007159.D

Acq: 03 Dec 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

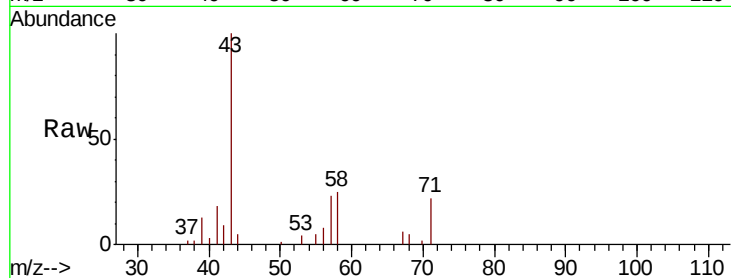
F9Y38

Tot Ion: 43 Resp: 16887

Ion Ratio Lower Upper

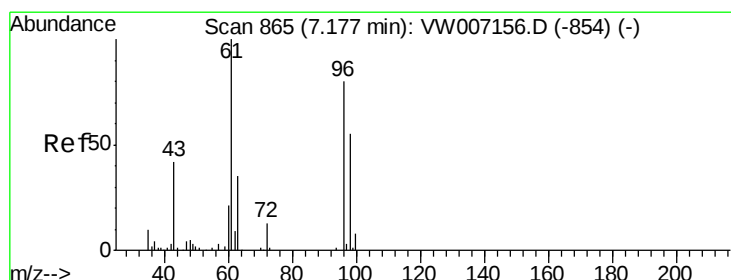
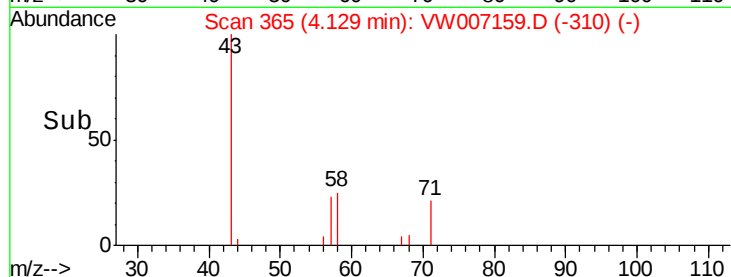
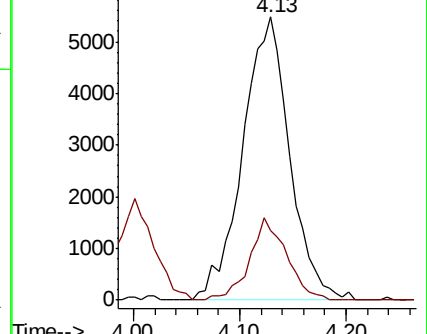
43 100

58 22.6 0.0 62.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 14.882 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW007159.D

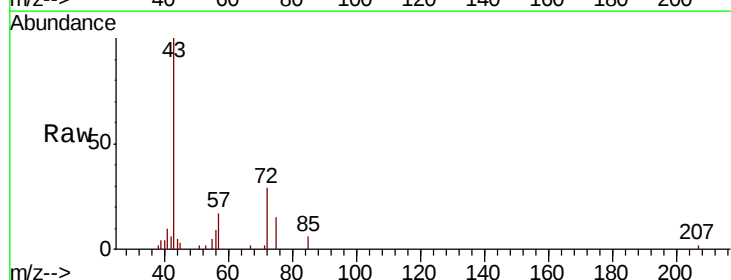
Acq: 03 Dec 2018 11:40

Tgt Ion: 43 Resp: 8952

Ion Ratio Lower Upper

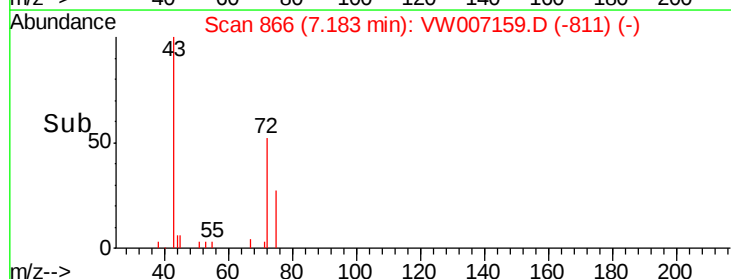
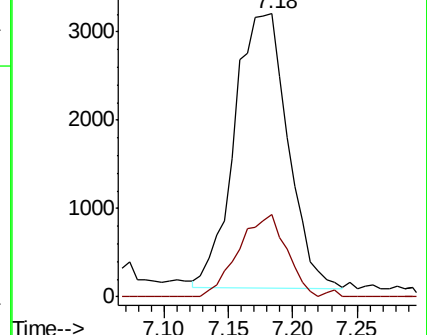
43 100

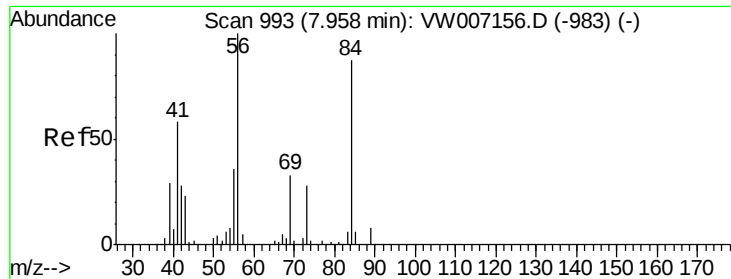
72 26.9 13.5 40.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

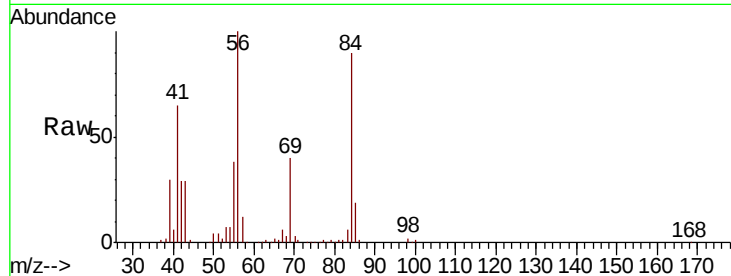




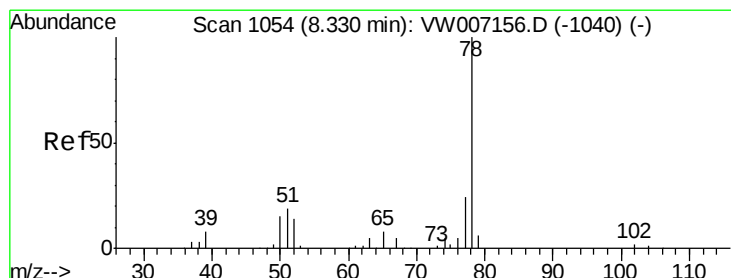
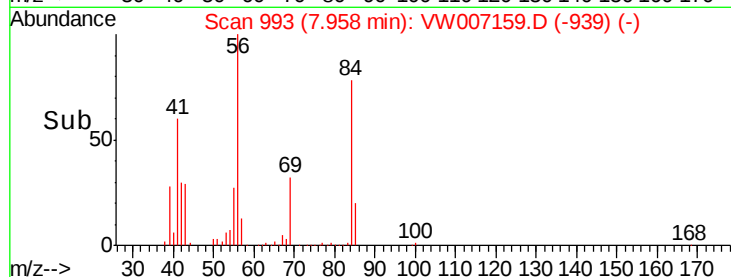
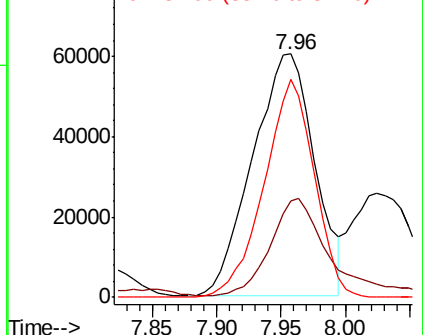
#30
Cyclohexane
Concen: 64.201 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007159.D
Acq: 03 Dec 2018 11:40

Instrument :
MSVOA_W
ClientSampled :
F9Y38

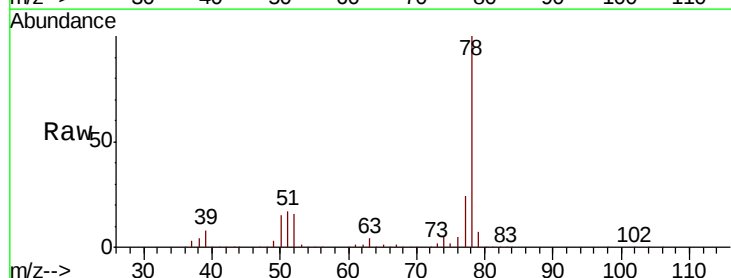
Tot Ion: 56 Resp: 202094
Ion Ratio Lower Upper
56 100
69 40.2 26.1 39.1#
84 72.8 73.0 109.4#



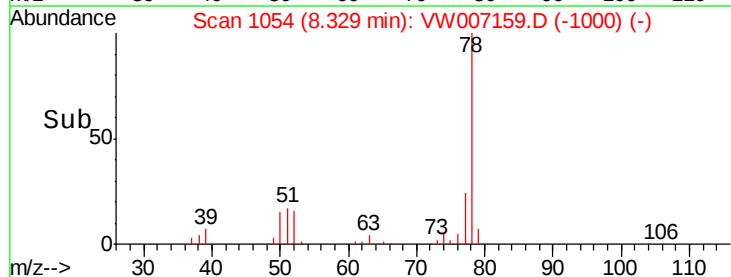
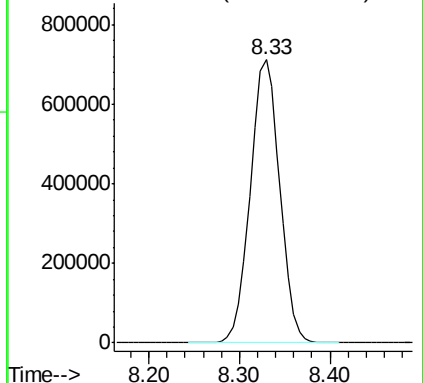
Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

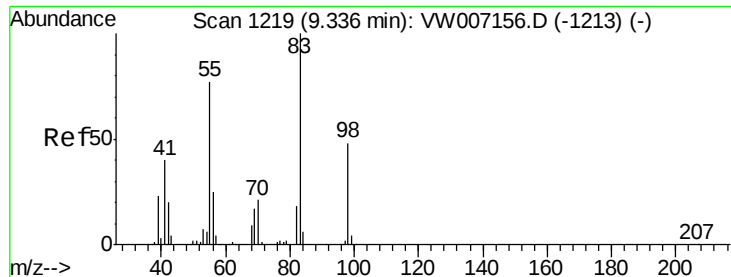


#34
Benzene
Concen: 214.146 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007159.D
Acq: 03 Dec 2018 11:40
Tgt Ion: 78 Resp: 1602613



Abundance Ion 78.00 (77.70 to 78.70): VW

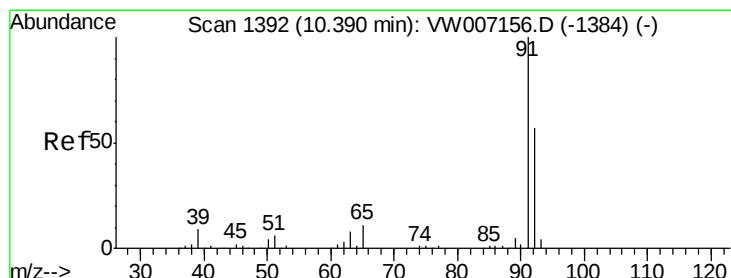
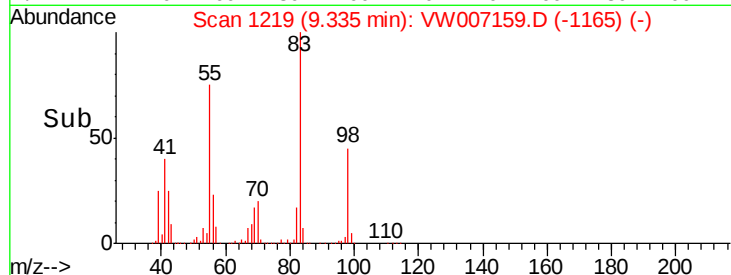
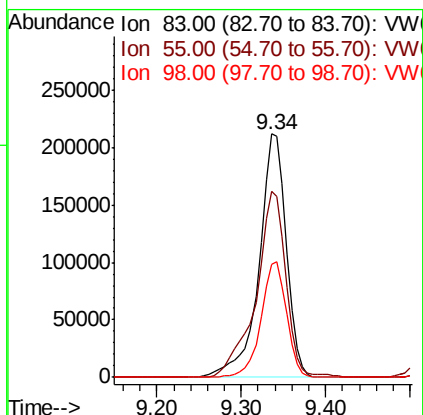
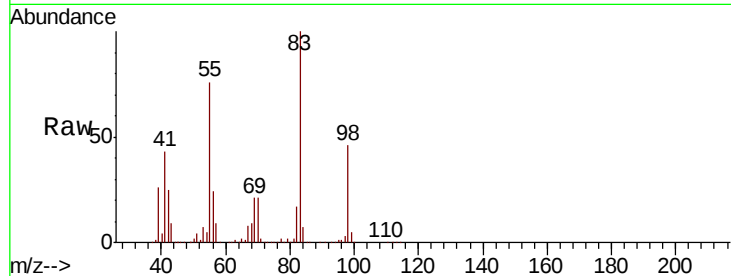




#36
Methvlcvclohexane
Concen: 125.439 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007159.D
Acq: 03 Dec 2018 11:40

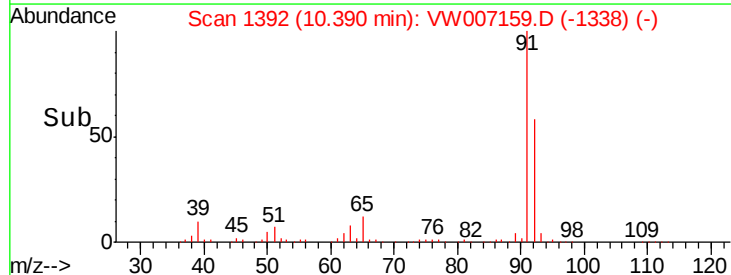
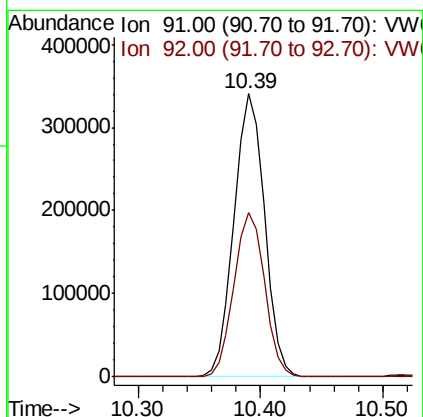
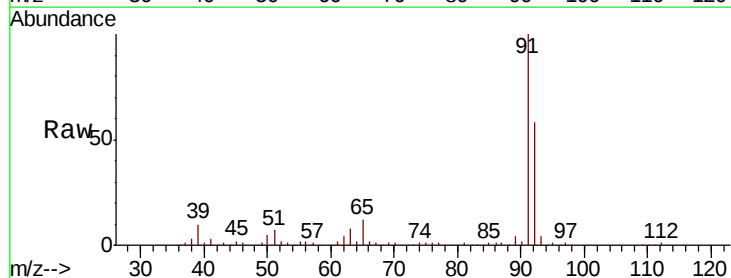
Instrument :
MSVOA_W
ClientSampled :
F9Y38

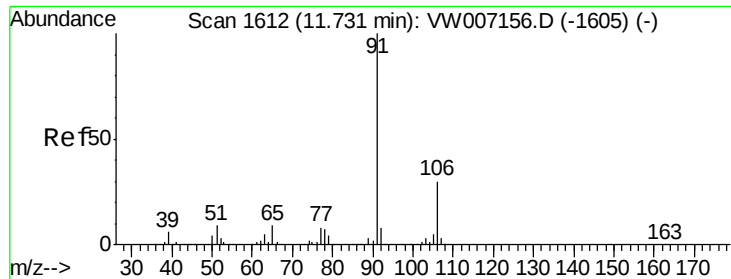
Tot Ion: 83 Resp: 472597
Ion Ratio Lower Upper
83 100
55 82.4 60.2 90.4
98 44.5 38.8 58.2



#44
Toluene
Concen: 65.790 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007159.D
Acq: 03 Dec 2018 11:40

Tgt Ion: 91 Resp: 589957
Ion Ratio Lower Upper
91 100
92 58.2 41.2 76.6





#53

Ethylbenzene

Concen: 33.461 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW007159.D

Acq: 03 Dec 2018 11:40

Instrument :

MSVOA_W

ClientSampleId :

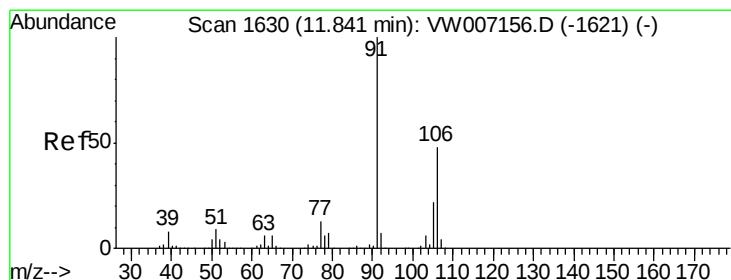
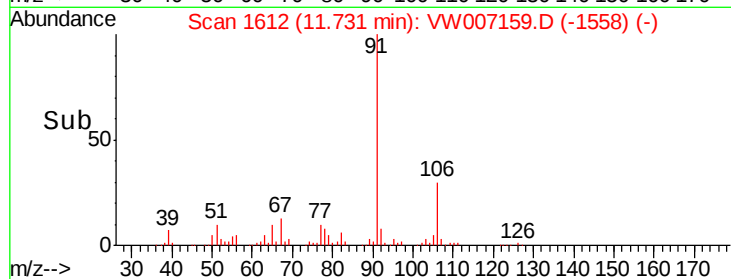
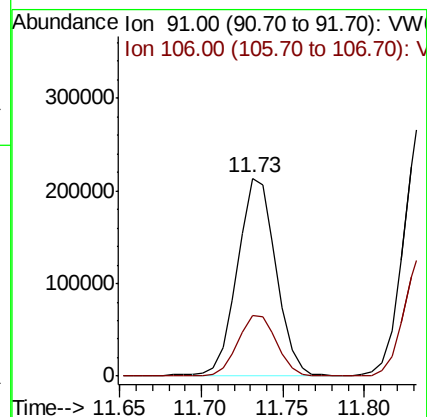
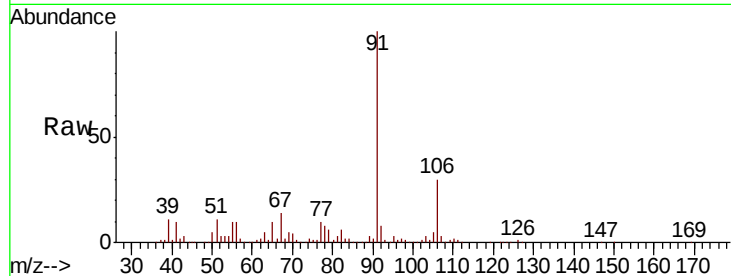
F9Y38

Tot Ion: 91 Resp: 347871

Ion Ratio Lower Upper

91 100

106 30.4 21.8 40.4



#54

m,p-Xylene

Concen: 70.924 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007159.D

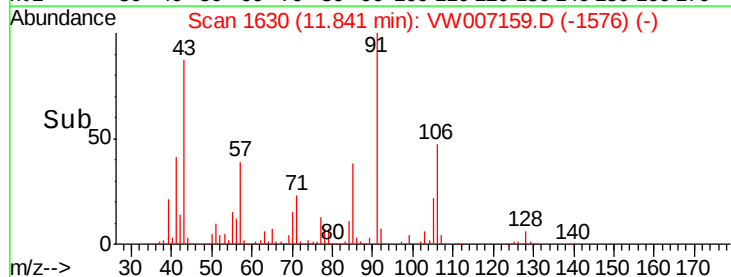
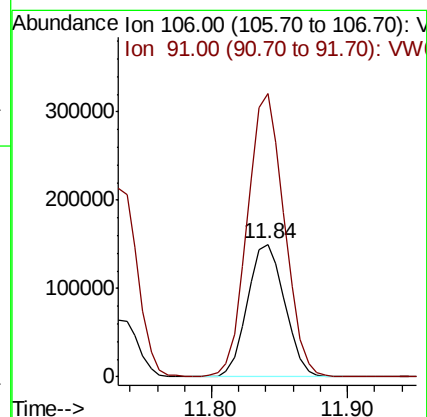
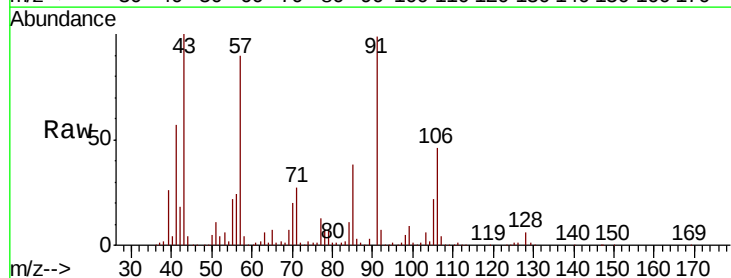
Acq: 03 Dec 2018 11:40

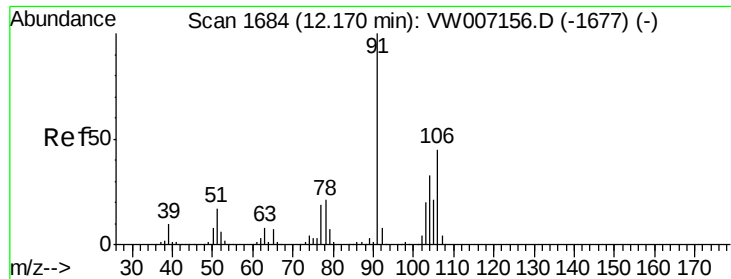
Tgt Ion: 106 Resp: 287703

Ion Ratio Lower Upper

106 100

91 213.3 140.7 261.3

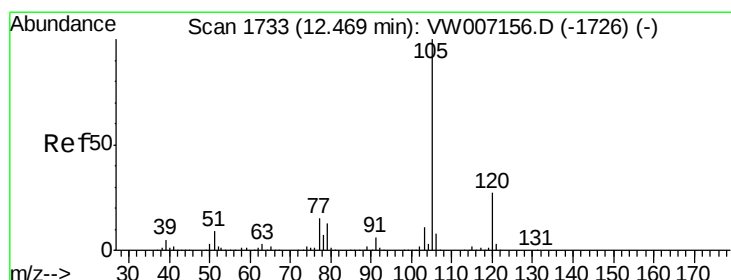
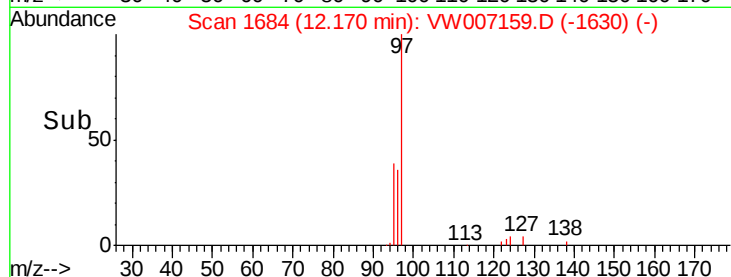
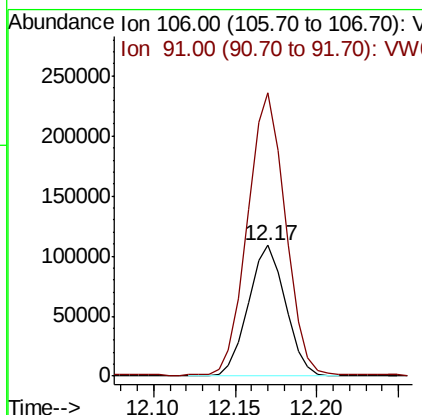
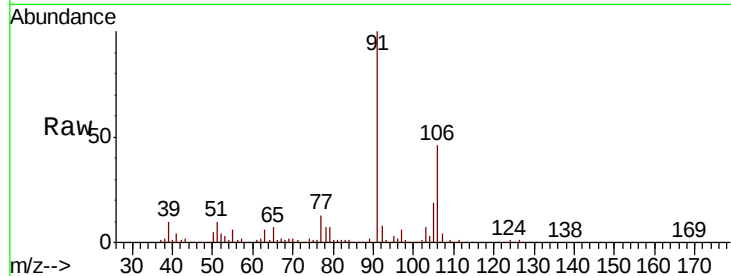




#55
o-xylene
Concen: 46.111 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007159.D
Acq: 03 Dec 2018 11:40

Instrument :
MSVOA_W
ClientSampled :
F9Y38

Tot Ion:106 Resp: 173460
Ion Ratio Lower Upper
106 100
91 216.7 149.0 276.8



#57
Isopropylbenzene
Concen: 5.306 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007159.D
Acq: 03 Dec 2018 11:40

Tgt Ion:105 Resp: 55502
Ion Ratio Lower Upper
105 100
120 26.6 20.8 31.2
77 19.1 12.0 18.0#

