

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017238.D
 Acq On : 15 Nov 2020 15:16
 Operator : SY/VA
 Sample : L4727-09
 Misc : 5.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AC3

Quant Time: Nov 16 10:58:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	303878	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	187096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	42607	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79929	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.52%
7) Chloroethane-d5	2.89	69	72662	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.56%
10) 1,1-Dichloroethene-d2	4.02	63	121922	17.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.24%
20) 2-Butanone-d5	7.09	46	41030	47.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.88%
24) Chloroform-d	7.65	84	183861	25.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	8.31	65	97547	27.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.64%
29) Benzene-d6	8.28	84	347013	36.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	145.68%#
33) 1,2-Dichloropropane-d6	9.27	67	93687	35.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.20%#
37) Toluene-d8	10.33	98	268733	29.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.64%
38) trans-1,3-Dichloropropene-	10.58	79	35266	29.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.72%
39) 2-Hexanone-d5	10.93	63	34431	74.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.74%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	53784	23.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	38970	25.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.84%

Target Compounds

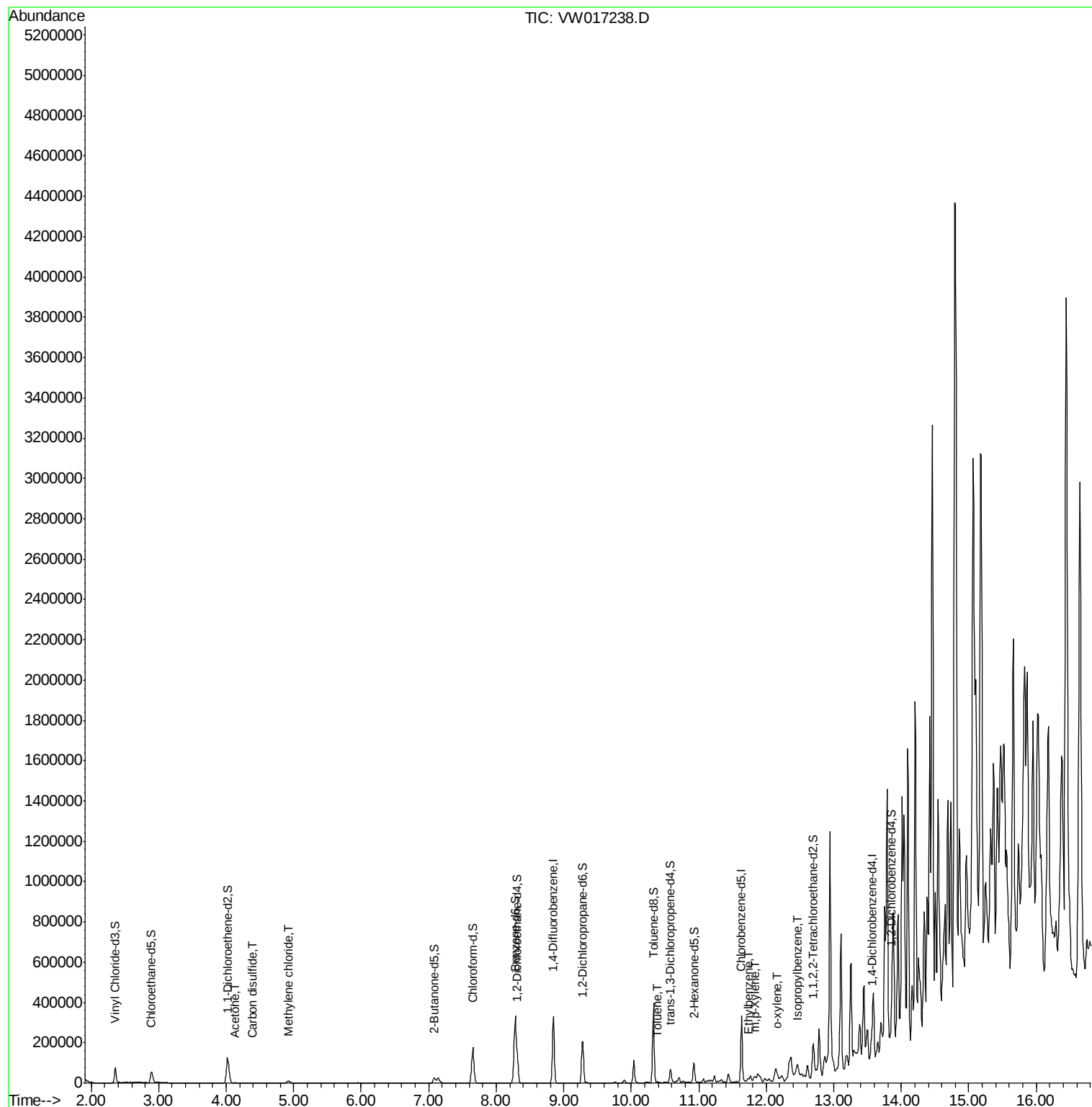
					Ovalue
13) Acetone	4.14	43	3672	6.407 ug/L	45
14) Carbon disulfide	4.39	76	2717	0.265 ug/L	98
16) Methylene chloride	4.92	84	9047	2.208 ug/L	90
44) Toluene	10.39	91	4615	0.427 ug/L	96
53) Ethylbenzene	11.73	91	6974	0.577 ug/L	93
54) m,p-Xylene	11.84	106	5397	1.142 ug/L	88
55) o-xylene	12.17	106	6370	1.420 ug/L	89
57) Isopropylbenzene	12.47	105	20204	1.660 ug/L #	93

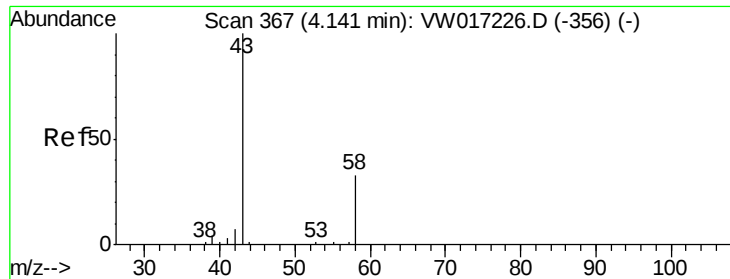
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.407 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW017238.D

Acq: 15 Nov 2020 15:16

Instrument :

MSVOA_W

ClientSampled :

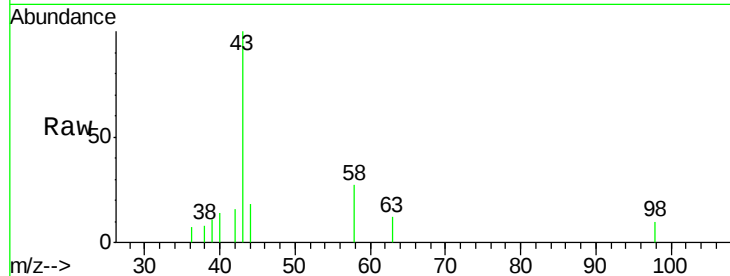
C0AC3

Tot Ion: 43 Resp: 3672

Ion Ratio Lower Upper

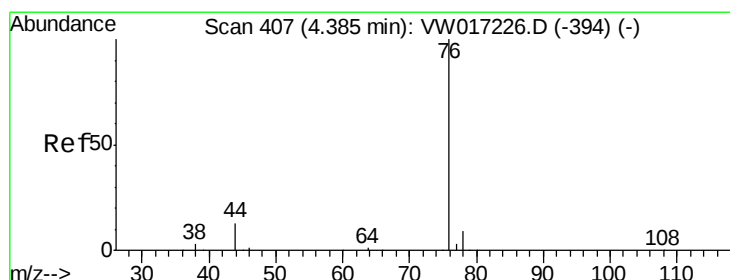
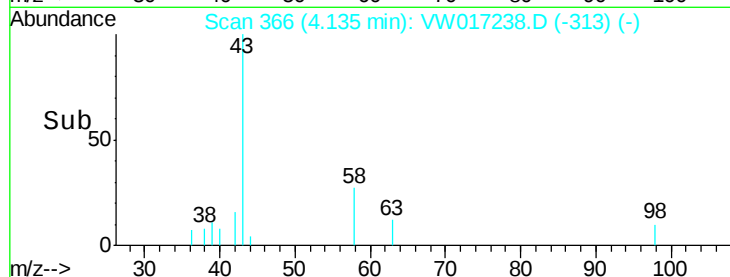
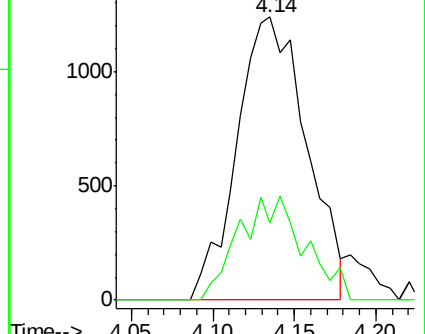
43 100

58 2.8 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.265 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW017238.D

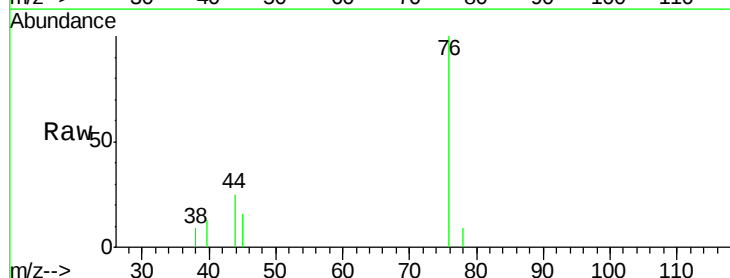
Acq: 15 Nov 2020 15:16

Tgt Ion: 76 Resp: 2717

Ion Ratio Lower Upper

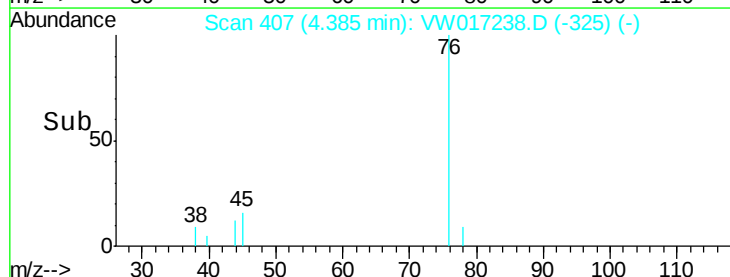
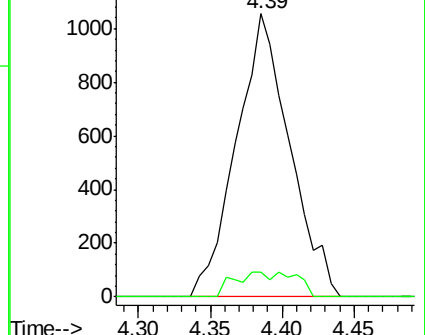
76 100

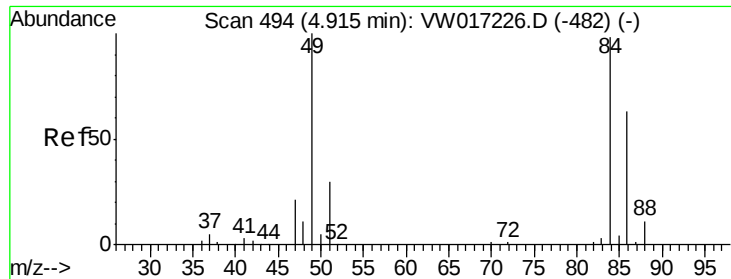
78 8.8 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

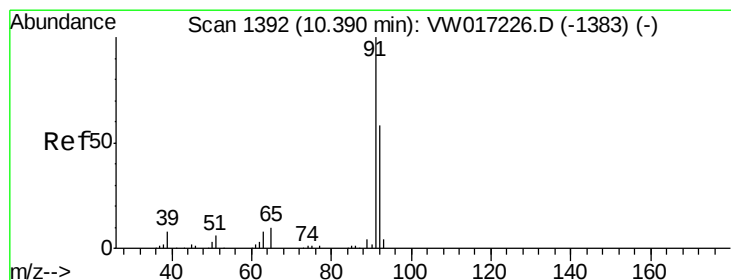
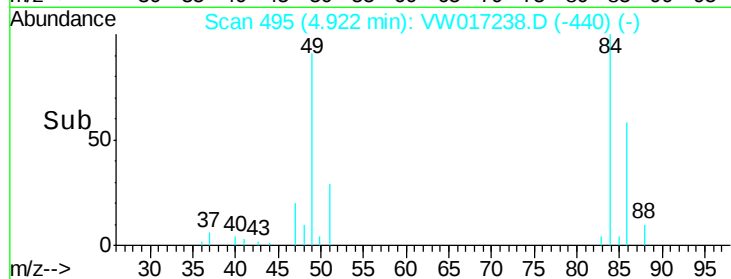
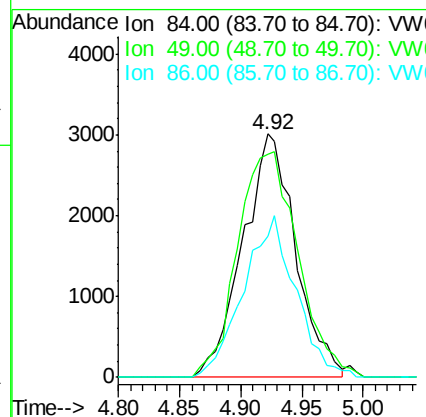
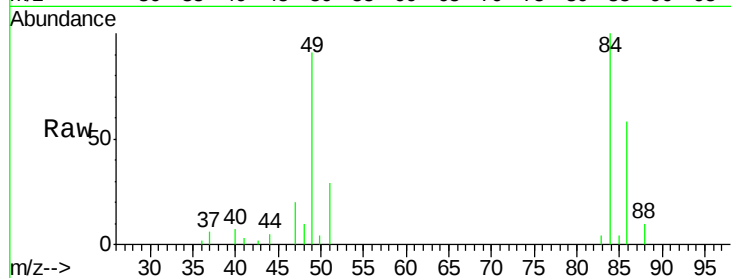




#16
Methvlene chloride
Concen: 2.208 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017238.D
Acq: 15 Nov 2020 15:16

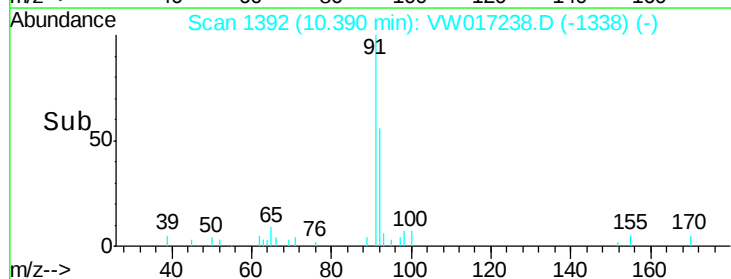
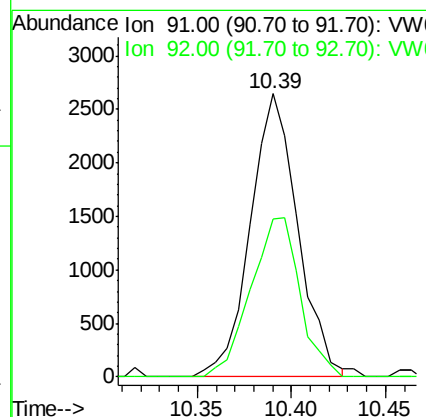
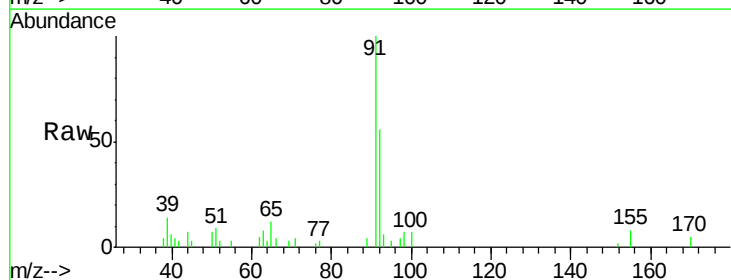
Instrument :
MSVOA_W
ClientSampleId :
C0AC3

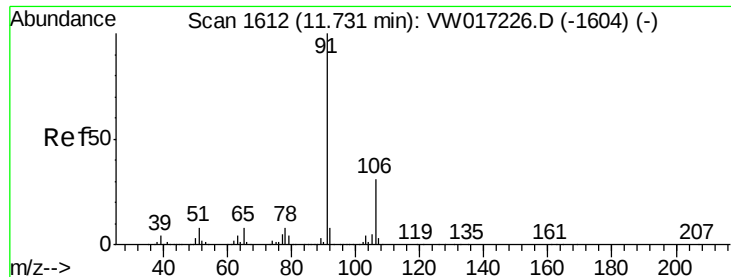
Tot Ion: 84 Resp: 9047
Ion Ratio Lower Upper
84 100
49 91.4 72.3 134.3
86 58.0 45.1 83.7



#44
Toluene
Concen: 0.427 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW017238.D
Acq: 15 Nov 2020 15:16

Tgt Ion: 91 Resp: 4615
Ion Ratio Lower Upper
91 100
92 55.8 41.4 76.8

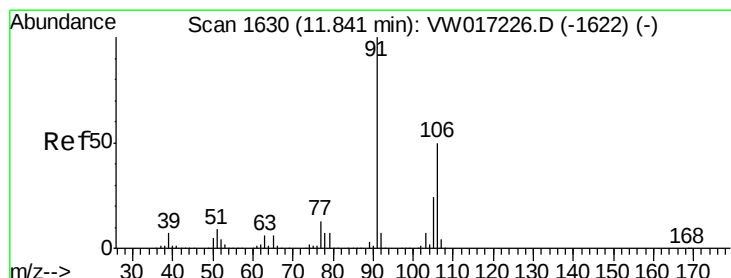
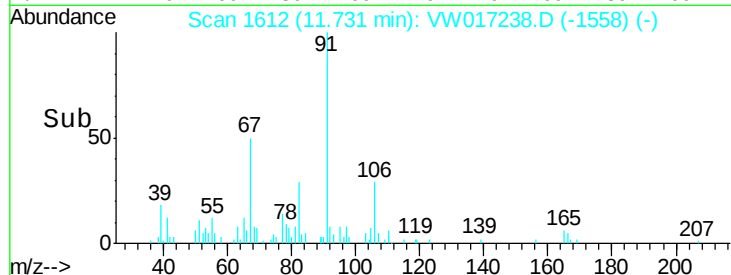
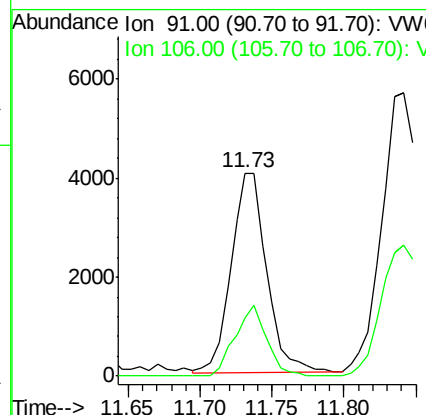
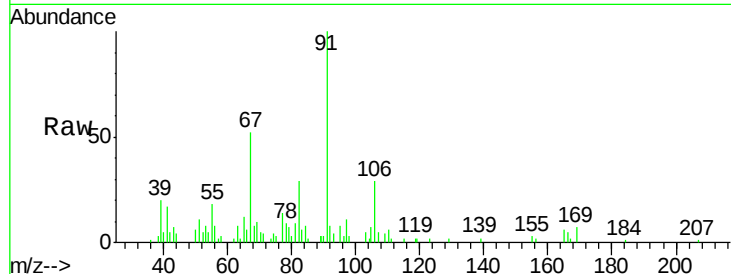




#53
Ethylbenzene
Concen: 0.577 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW017238.D
Acq: 15 Nov 2020 15:16

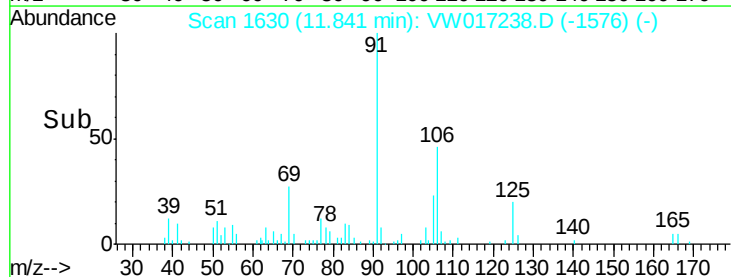
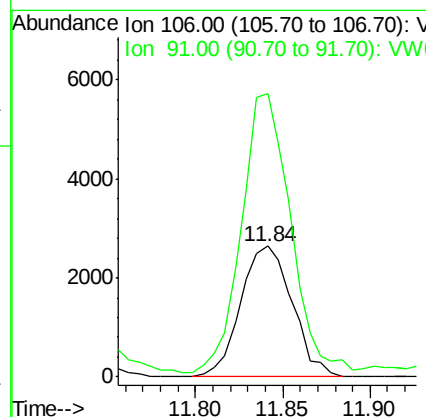
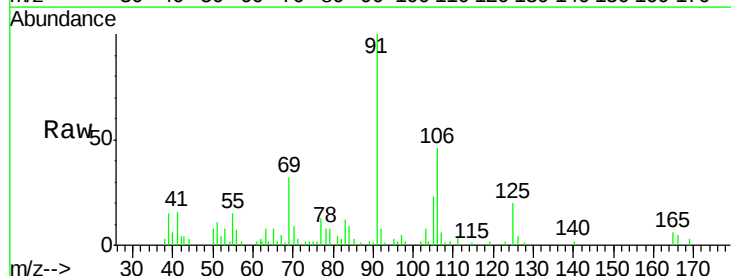
Instrument :
MSVOA_W
ClientSampleId :
C0AC3

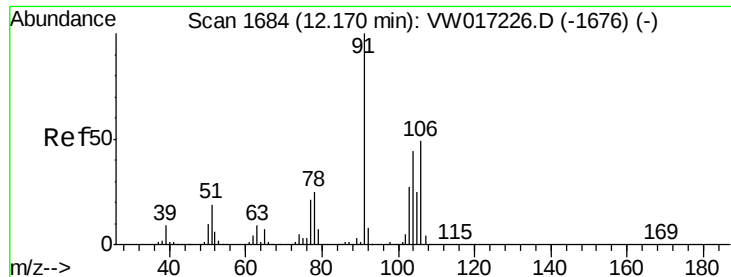
Tot Ion: 91 Resp: 6974
Ion Ratio Lower Upper
91 100
106 28.5 22.9 42.5



#54
m,p-Xylene
Concen: 1.142 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW017238.D
Acq: 15 Nov 2020 15:16

Tgt Ion: 106 Resp: 5397
Ion Ratio Lower Upper
106 100
91 216.6 138.7 257.5

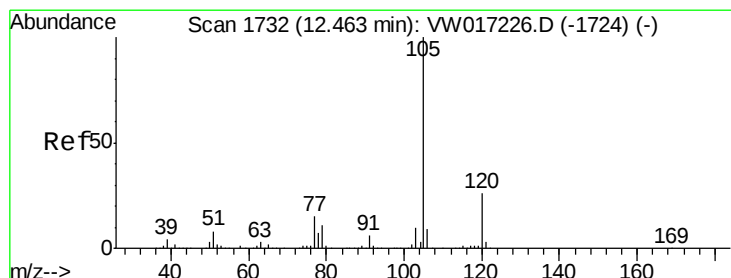
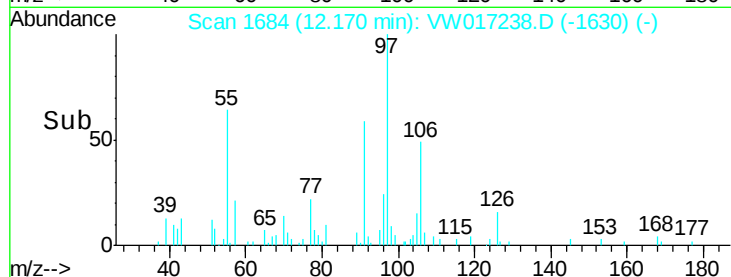
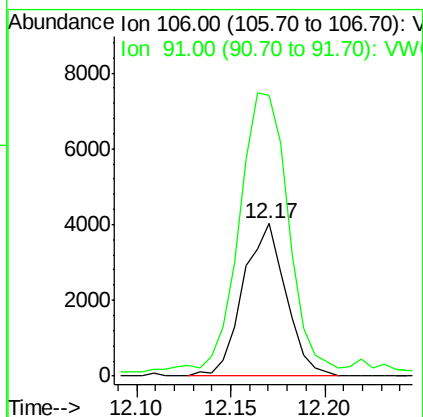
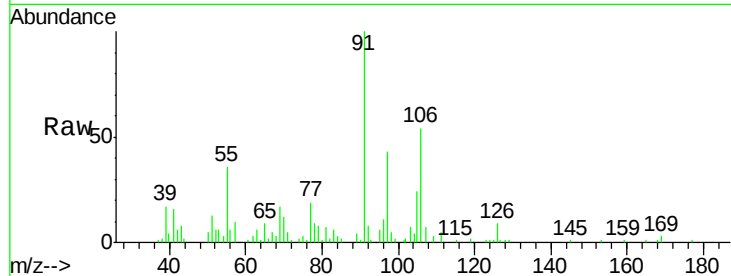




#55
o-xylene
Concen: 1.420 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW017238.D
Acq: 15 Nov 2020 15:16

Instrument :
MSVOA_W
ClientSampled :
C0AC3

Tot Ion:106 Resp: 6370
Ion Ratio Lower Upper
106 100
91 184.1 140.8 261.4



#57
Isopropylbenzene
Concen: 1.660 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW017238.D
Acq: 15 Nov 2020 15:16

Tgt Ion:105 Resp: 20204
Ion Ratio Lower Upper
105 100
120 25.6 21.8 32.6
77 20.0 11.4 17.0#

