

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016619.D
 Acq On : 22 Sep 2020 19:04
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK04

Quant Time: Sep 23 07:31:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	594081	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	522568	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	254683	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	87211	15.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.68%
7) Chloroethane-d5	2.91	69	79902	17.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.08%
10) 1,1-Dichloroethene-d2	4.03	63	153933	11.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.88%
20) 2-Butanone-d5	7.08	46	62084	39.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.20%
24) Chloroform-d	7.65	84	253691	20.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.64%
26) 1,2-Dichloroethane-d4	8.31	65	133409	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.64%
29) Benzene-d6	8.28	84	459330	19.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.40%
33) 1,2-Dichloropropane-d6	9.28	67	132744	20.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.60%
37) Toluene-d8	10.33	98	427915	18.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.24%
38) trans-1,3-Dichloropropene-	10.58	79	61627	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.00%
39) 2-Hexanone-d5	10.93	63	49912	43.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114405	21.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	184720	22.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.80%

Target Compounds

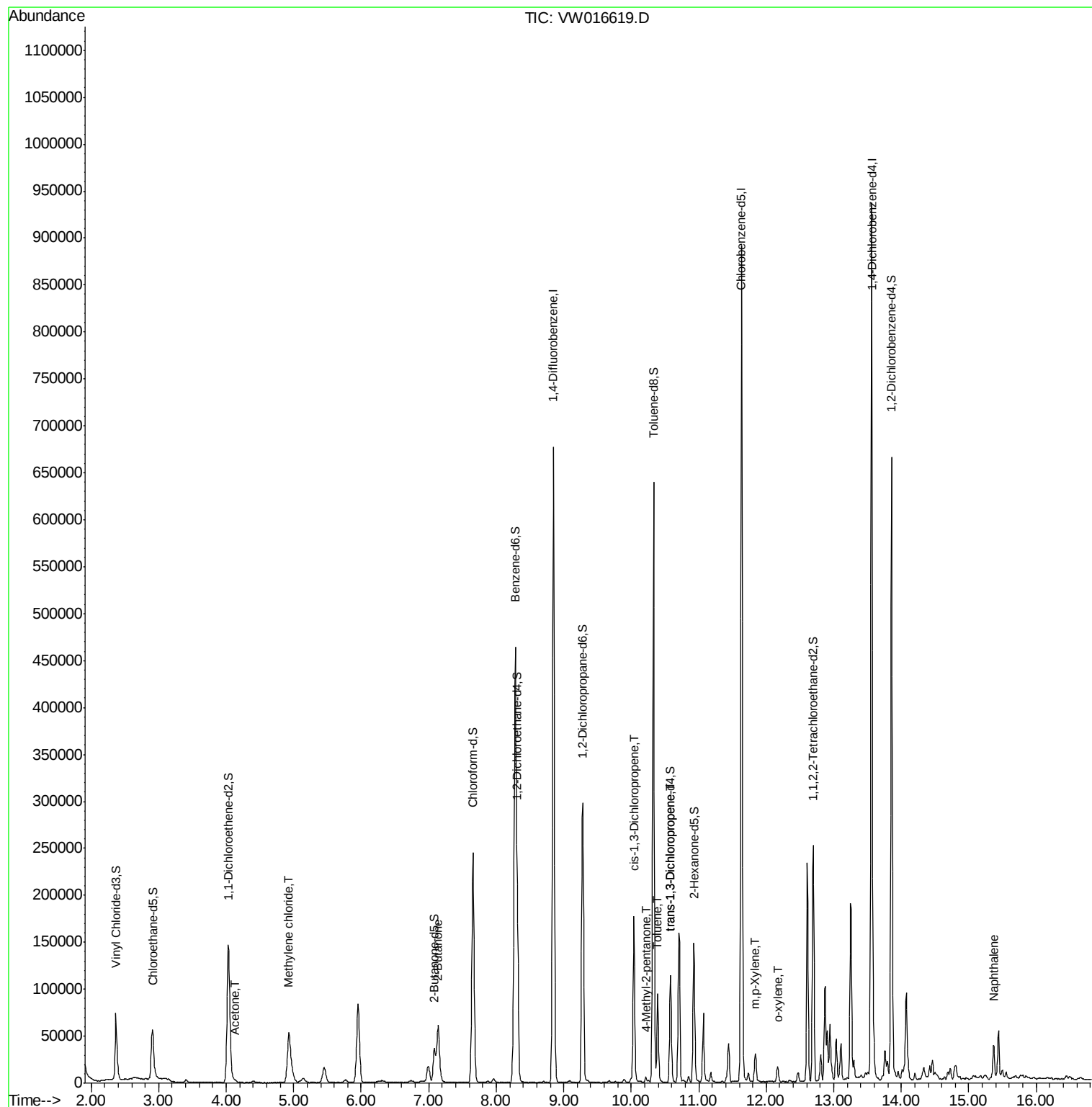
					Ovalue
13) Acetone	4.14	43	3181	2.590 ug/L	67
16) Methylene chloride	4.93	84	44812	4.891 ug/L	98
21) 2-Butanone	7.14	43	1725	0.826 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	5323	0.478 ug/L #	65
43) 4-Methyl-2-pentanone	10.21	43	3334	0.806 ug/L	91
44) Toluene	10.39	91	68255	2.167 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	3320	0.343 ug/L	85
54) m,p-Xylene	11.83	106	9483	0.677 ug/L	88
55) o-xylene	12.17	106	4483	0.334 ug/L	98
69) Naphthalene	15.37	128	31888	1.835 ug/L	99

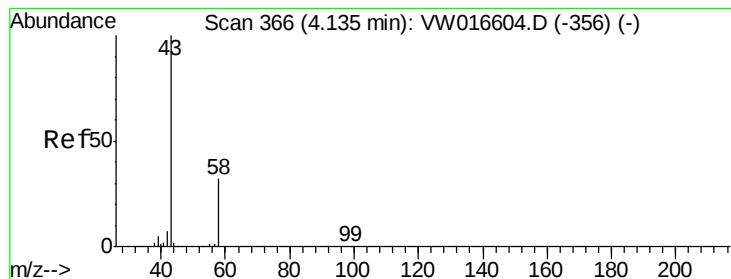
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 07:21:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.590 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW016619.D

Acq: 22 Sep 2020 19:04

Instrument :

MSVOA_W

ClientSampleId :

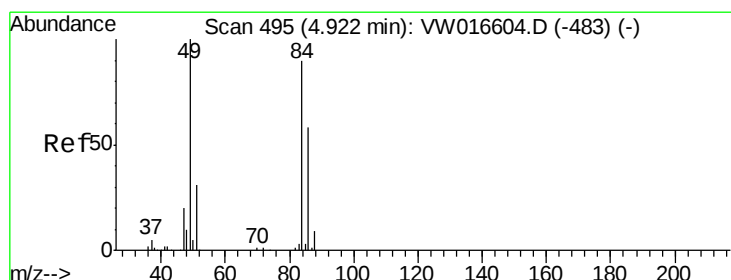
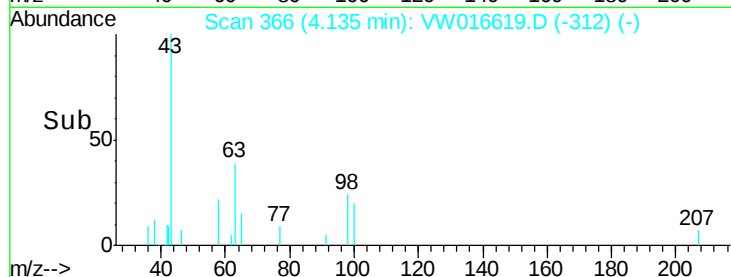
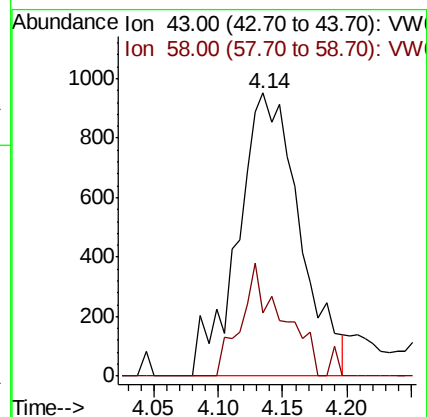
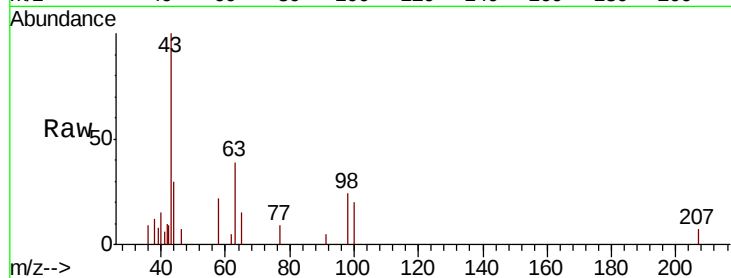
VIBLK04

Tot Ion: 43 Resp: 3181

Ion Ratio Lower Upper

43 100

58 12.0 0.0 60.2



#16

Methylene chloride

Concen: 4.891 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016619.D

Acq: 22 Sep 2020 19:04

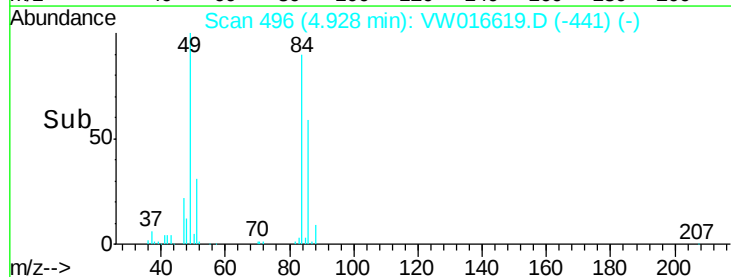
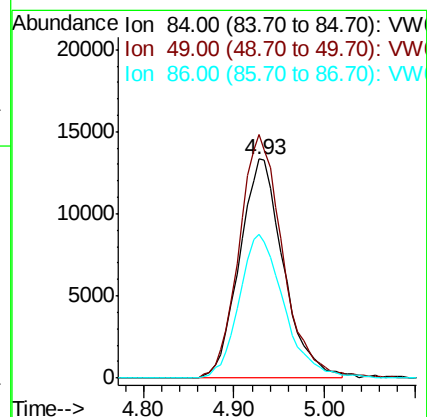
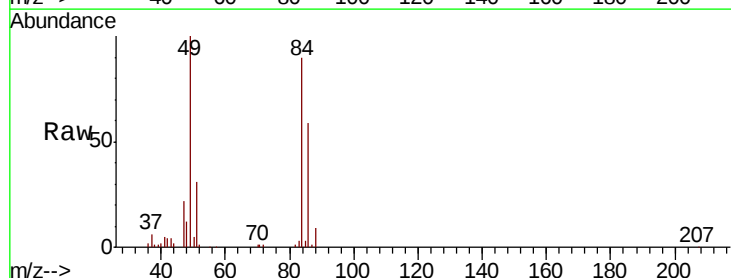
Tgt Ion: 84 Resp: 44812

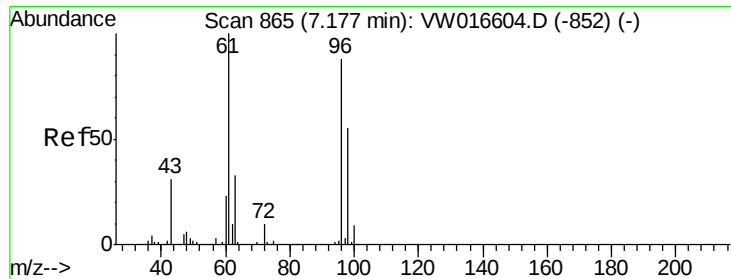
Ion Ratio Lower Upper

84 100

49 111.2 76.0 141.2

86 65.9 45.6 84.6

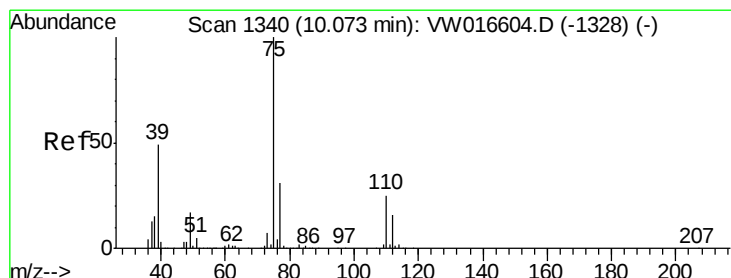
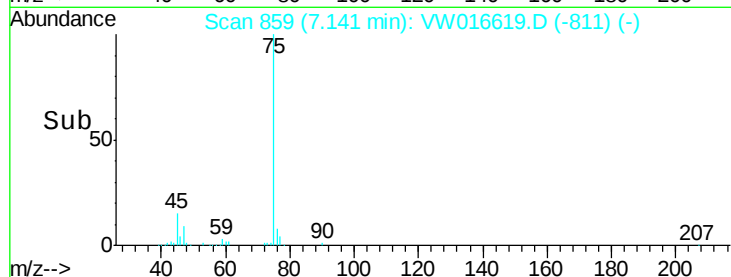
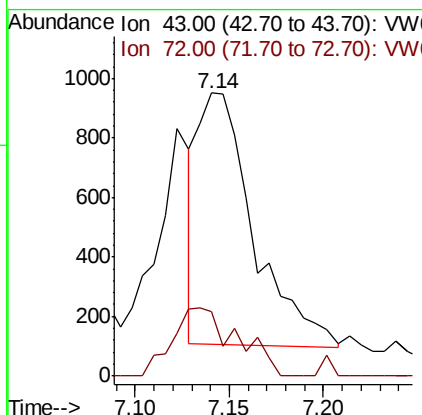
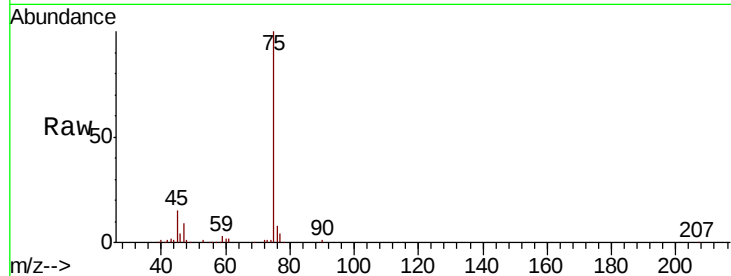




#21
 2-Butanone
 Concen: 0.826 ug/L
 RT: 7.14 min Scan# 859
 Delta R.T. -0.04 min
 Lab File: VW016619.D
 Acq: 22 Sep 2020 19:04

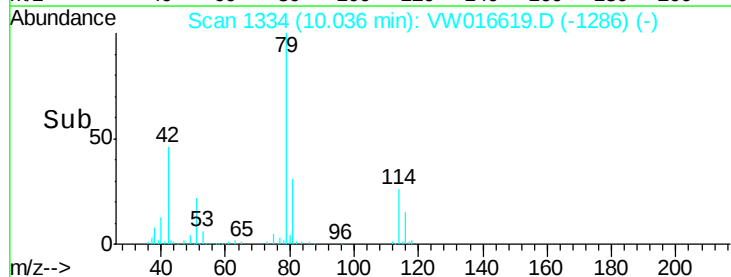
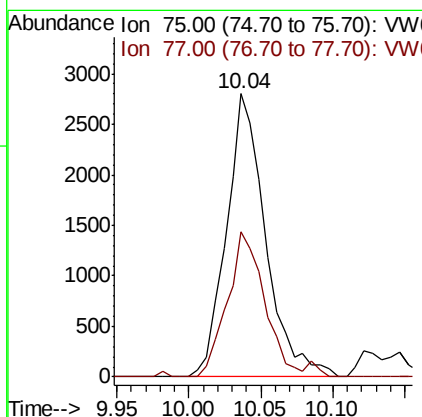
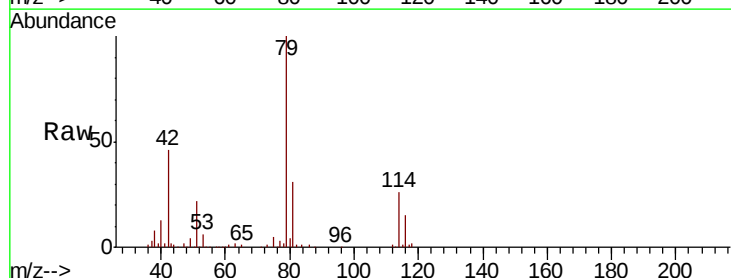
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK04

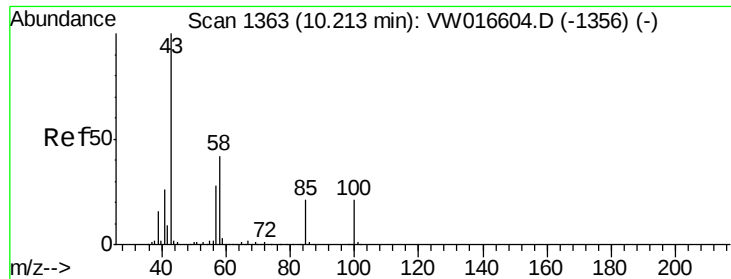
Tot Ion: 43 Resp: 1725
 Ion Ratio Lower Upper
 43 100
 72 31.7 14.6 43.8



#42
 cis-1,3-Dichloropropene
 Concen: 0.478 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016619.D
 Acq: 22 Sep 2020 19:04

Tgt Ion: 75 Resp: 5323
 Ion Ratio Lower Upper
 75 100
 77 51.3 22.2 41.2#

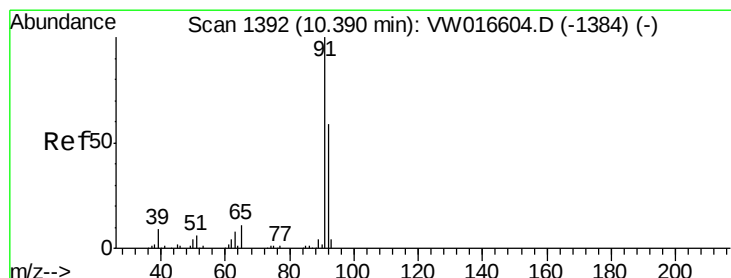
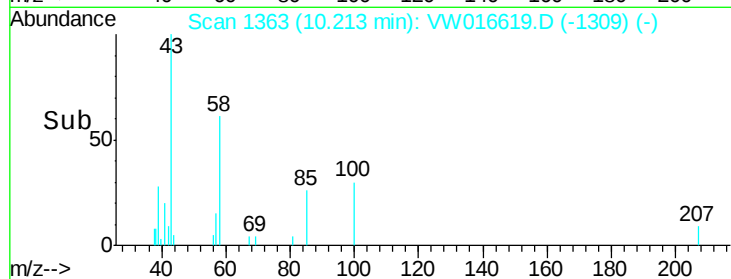
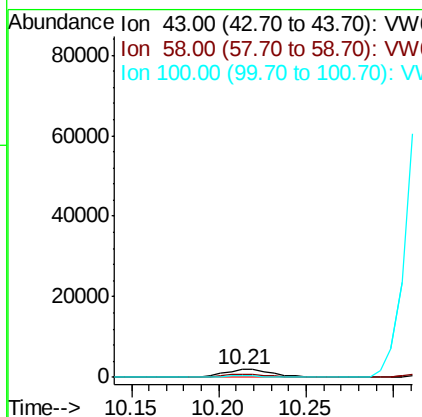
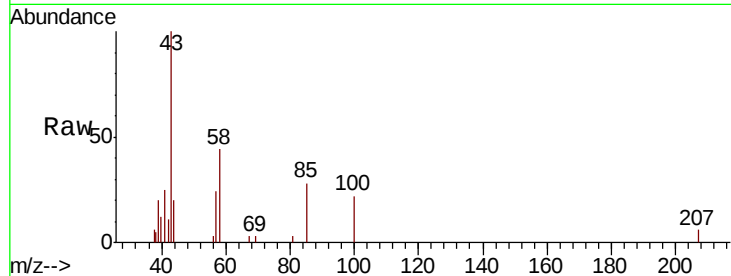




#43
4-Methyl-2-pentanone
Concen: 0.806 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW016619.D
Acq: 22 Sep 2020 19:04

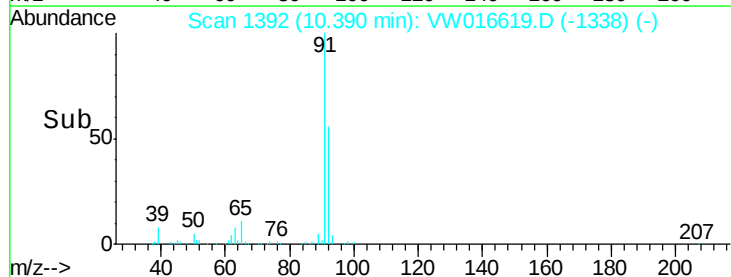
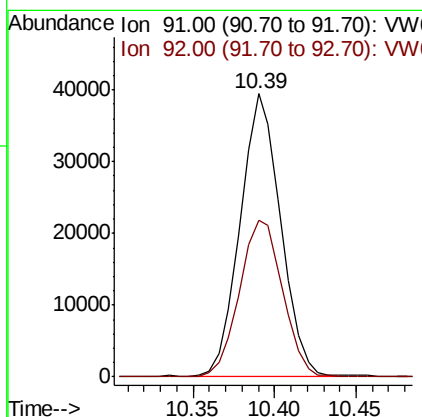
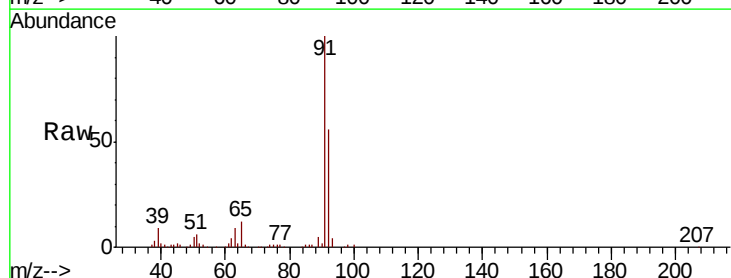
Instrument :
MSVOA_W
ClientSampleId :
VIBLK04

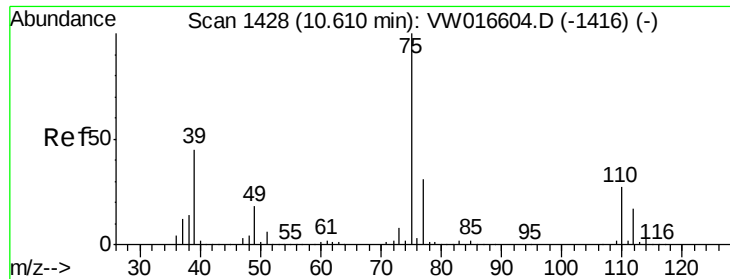
Tot Ion: 43 Resp: 3334
Ion Ratio Lower Upper
43 100
58 47.5 32.2 48.4
100 21.3 15.8 23.6



#44
Toluene
Concen: 2.167 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016619.D
Acq: 22 Sep 2020 19:04

Tgt Ion: 91 Resp: 68255
Ion Ratio Lower Upper
91 100
92 55.5 39.6 73.6





#45

trans-1,3-Dichloropropene

Concen: 0.343 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016619.D

Acq: 22 Sep 2020 19:04

Instrument :

MSVOA_W

ClientSampleId :

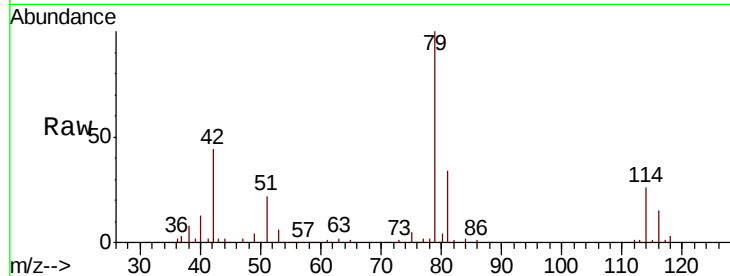
VIBLK04

Tot Ion: 75 Resp: 3320

Ion Ratio Lower Upper

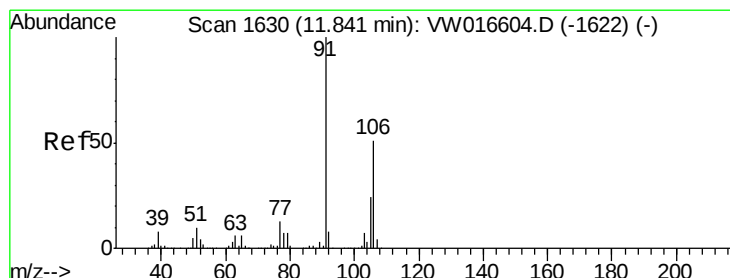
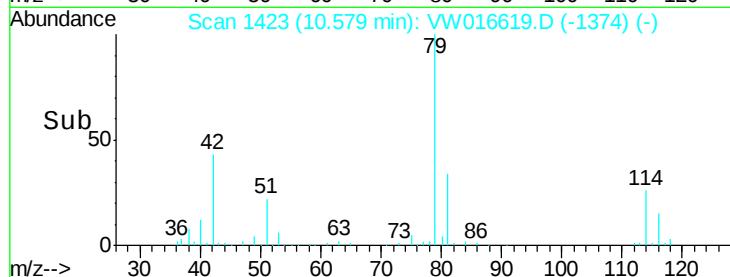
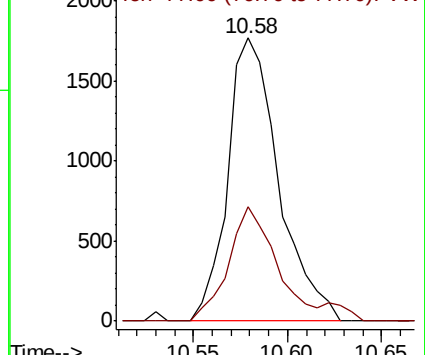
75 100

77 40.4 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#54

m,p-Xylene

Concen: 0.677 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW016619.D

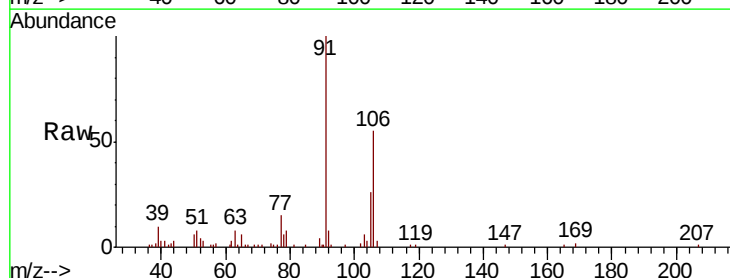
Acq: 22 Sep 2020 19:04

Tgt Ion: 106 Resp: 9483

Ion Ratio Lower Upper

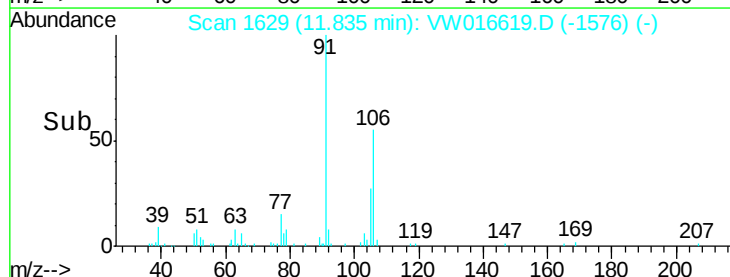
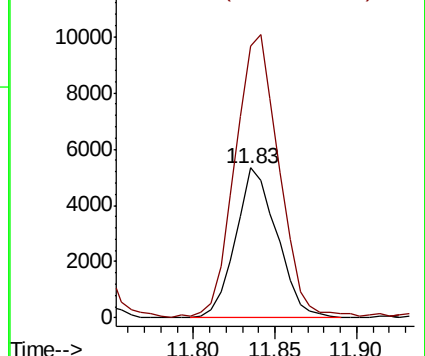
106 100

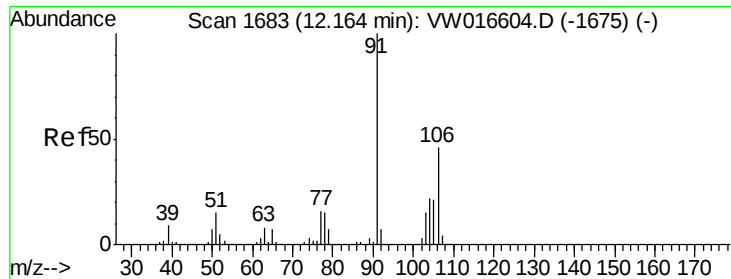
91 181.6 139.7 259.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#55

o-xylene

Concen: 0.334 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW016619.D

Acq: 22 Sep 2020 19:04

Instrument :

MSVOA_W

ClientSampled :

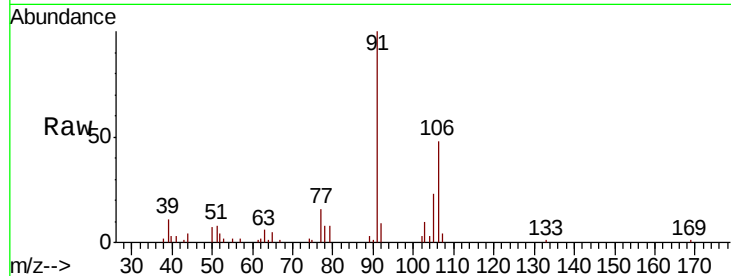
VIBLK04

Tot Ion:106 Resp: 4483

Ion Ratio Lower Upper

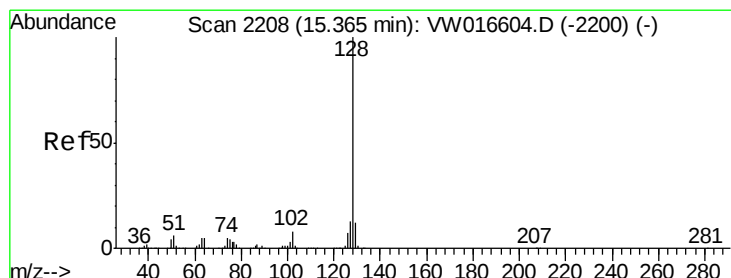
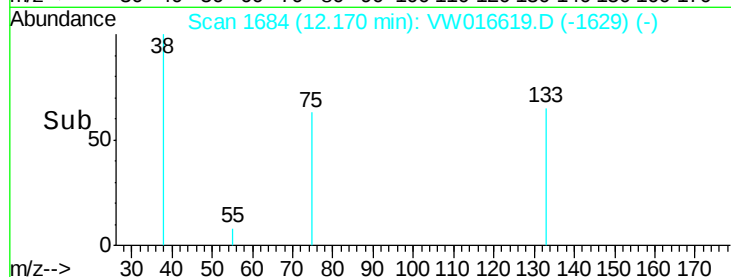
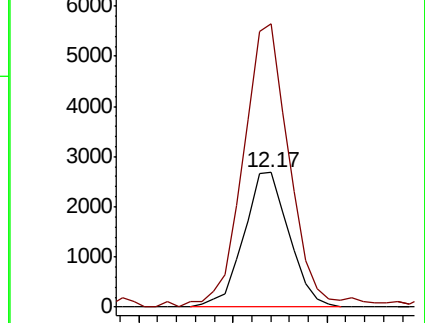
106 100

91 210.5 144.8 268.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

Naphthalene

Concen: 1.835 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW016619.D

Acq: 22 Sep 2020 19:04

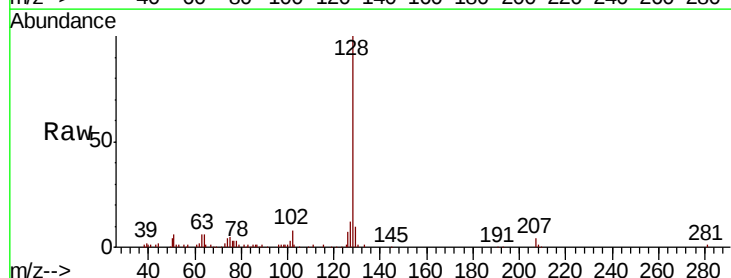
Tgt Ion:128 Resp: 31888

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 14.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

