

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016634.D
 Acq On : 23 Sep 2020 18:00
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK07

Quant Time: Sep 24 04:43:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 04:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	308493	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	274696	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	132251	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	86467	28.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.84%
7) Chloroethane-d5	2.90	69	75654	31.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.12%
10) 1,1-Dichloroethene-d2	4.03	63	146321	21.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.68%
20) 2-Butanone-d5	7.08	46	58335	71.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.30%#
24) Chloroform-d	7.66	84	250336	38.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	155.16%#
26) 1,2-Dichloroethane-d4	8.31	65	129154	38.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	155.96%#
29) Benzene-d6	8.28	84	436926	35.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.88%#
33) 1,2-Dichloropropane-d6	9.28	67	127955	38.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	153.32%#
37) Toluene-d8	10.33	98	403068	33.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	133.04%#
38) trans-1,3-Dichloropropene-	10.58	79	57728	34.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	137.20%#
39) 2-Hexanone-d5	10.93	63	46008	75.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.54%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110968	39.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.24%#
61) 1,2-Dichlorobenzene-d4	13.86	152	175167	41.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	165.80%#

Target Compounds

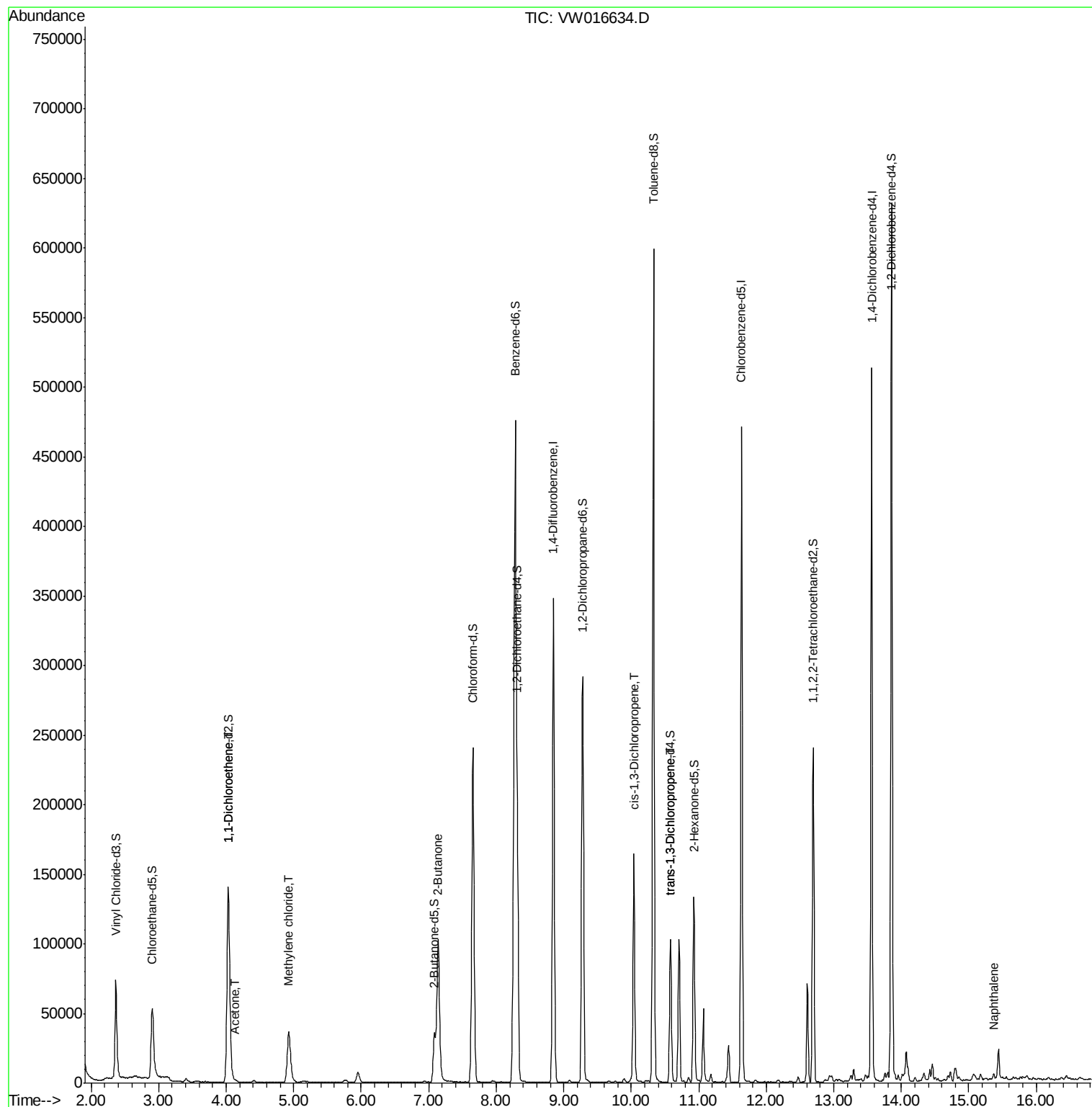
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1112	0.285 ug/L #	1
13) Acetone	4.13	43	1849	2.899 ug/L	67
16) Methylene chloride	4.93	84	31482	6.617 ug/L	93
21) 2-Butanone	7.14	43	5787	5.334 ug/L #	66
42) cis-1,3-Dichloropropene	10.04	75	5033	0.860 ug/L #	51
45) trans-1,3-Dichloropropene	10.59	75	3135	0.616 ug/L	100
69) Naphthalene	15.37	128	4157	0.461 ug/L #	90

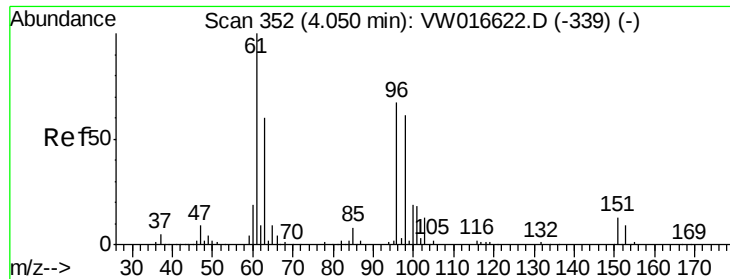
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 24 04:34:20 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.285 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW016634.D

Acq: 23 Sep 2020 18:00

Instrument :

MSVOA_W

ClientSampled :

VIBLK07

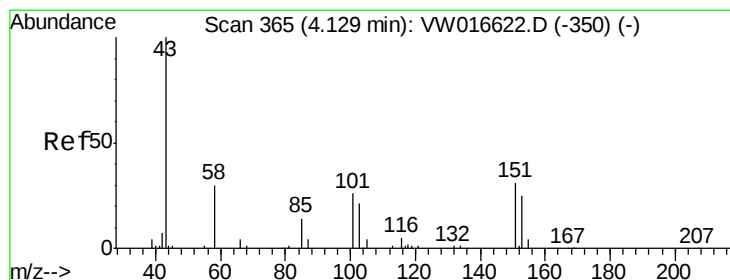
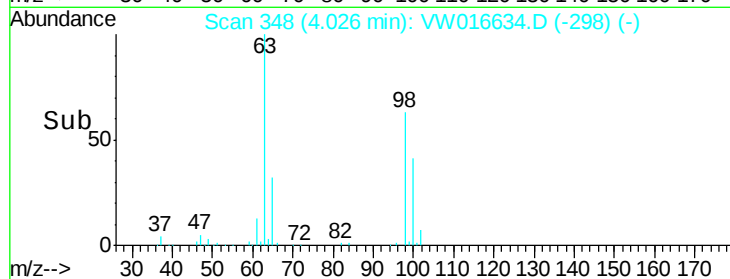
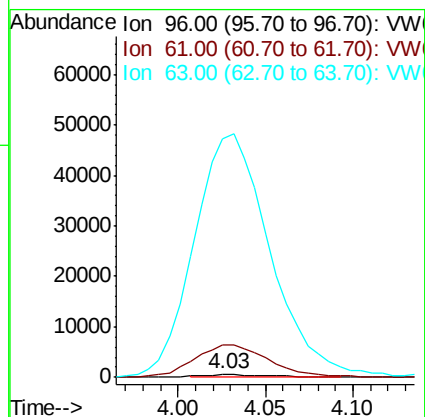
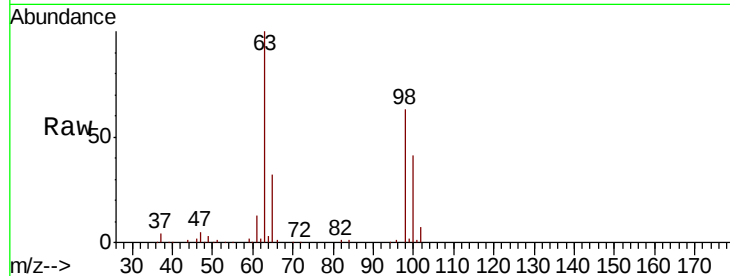
Tot Ion: 96 Resp: 1112

Ion Ratio Lower Upper

96 100

61 1045.5 111.4 206.8#

63 7810.6 73.0 135.6#



#13

Acetone

Concen: 2.899 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW016634.D

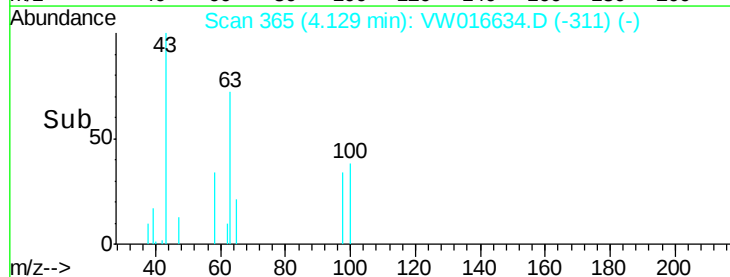
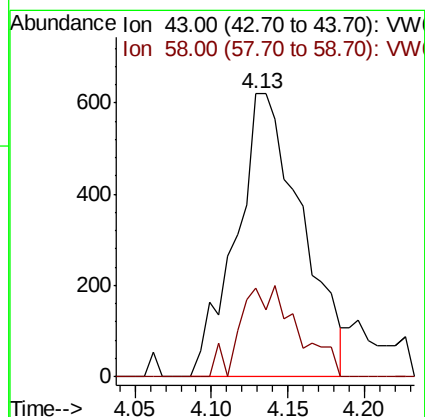
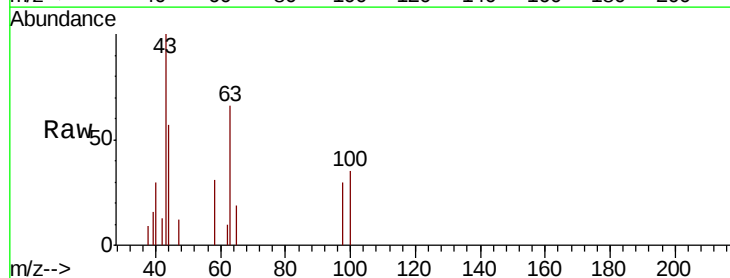
Acq: 23 Sep 2020 18:00

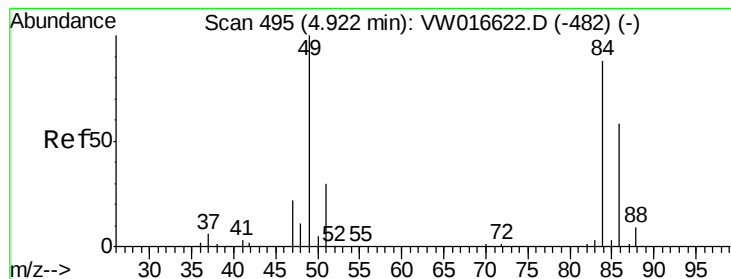
Tgt Ion: 43 Resp: 1849

Ion Ratio Lower Upper

43 100

58 12.1 0.0 60.2





#16

Methvlene chloride

Concen: 6.617 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016634.D

Acq: 23 Sep 2020 18:00

Instrument :

MSVOA_W

ClientSampleId :

VIBLK07

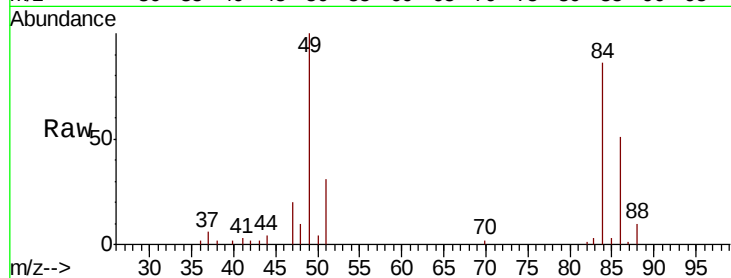
Tot Ion: 84 Resp: 31482

Ion Ratio Lower Upper

84 100

49 116.6 76.0 141.2

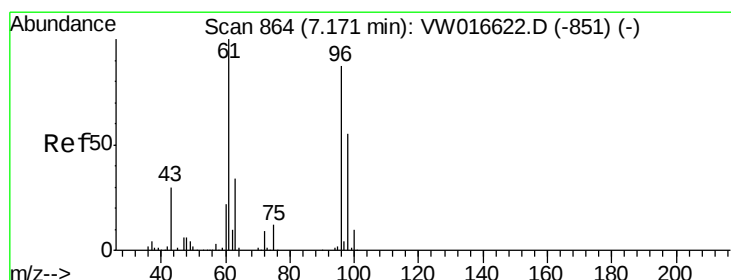
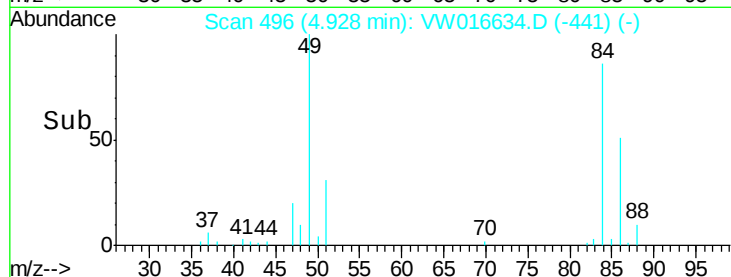
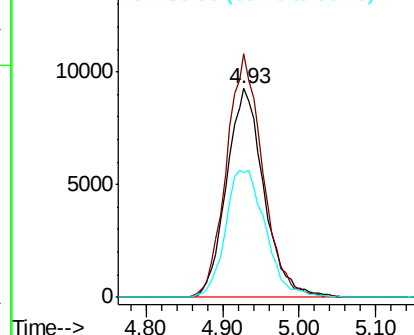
86 59.8 45.6 84.6



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#21

2-Butanone

Concen: 5.334 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW016634.D

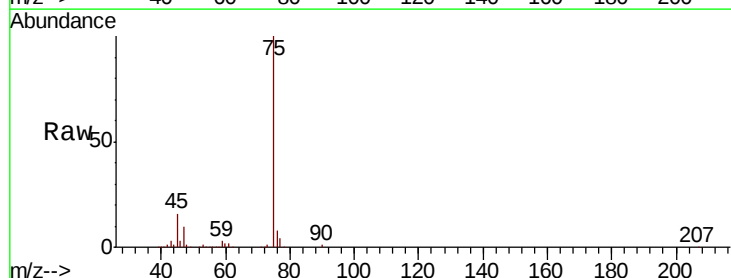
Acq: 23 Sep 2020 18:00

Tgt Ion: 43 Resp: 5787

Ion Ratio Lower Upper

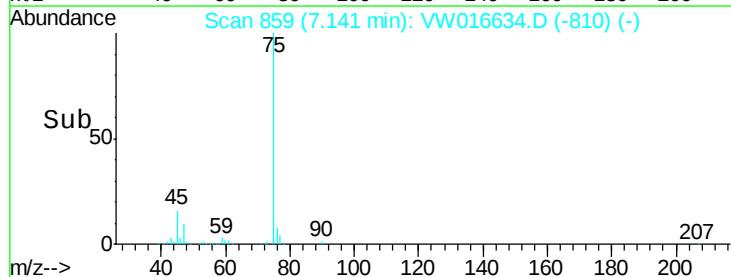
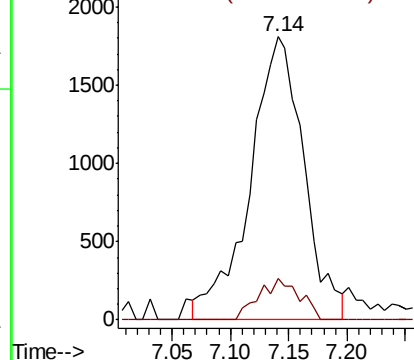
43 100

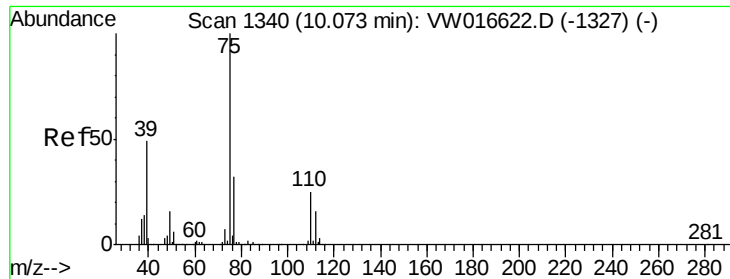
72 11.0 14.6 43.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.860 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016634.D

Acq: 23 Sep 2020 18:00

Instrument :

MSVOA_W

ClientSampled :

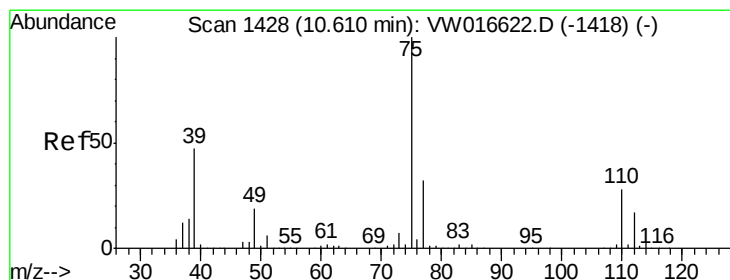
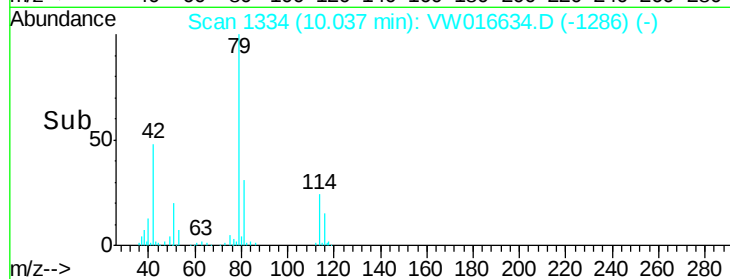
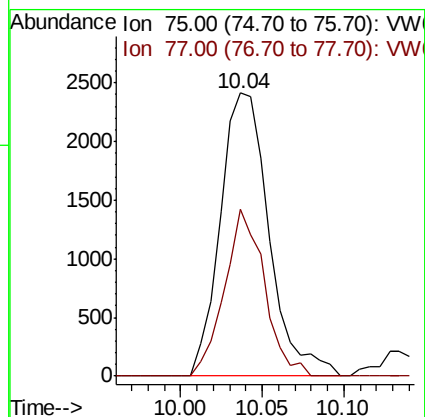
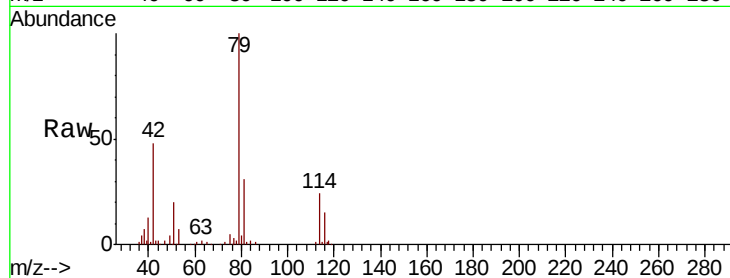
VIBLK07

Tot Ion: 75 Resp: 5033

Ion Ratio Lower Upper

75 100

77 59.2 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.616 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016634.D

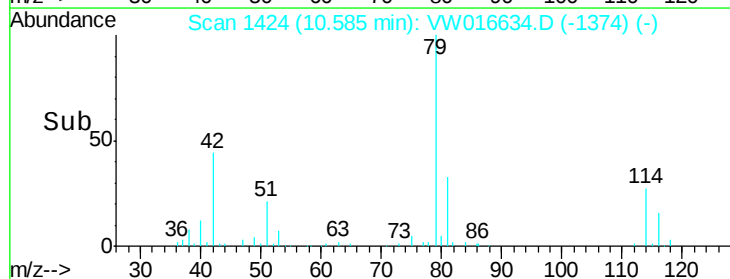
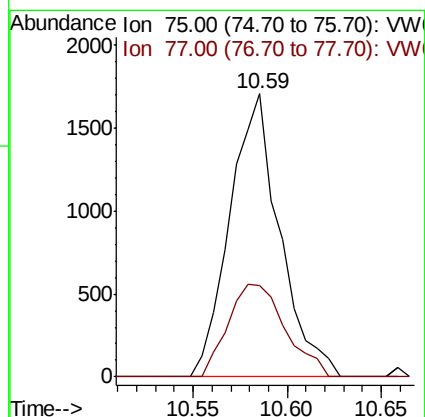
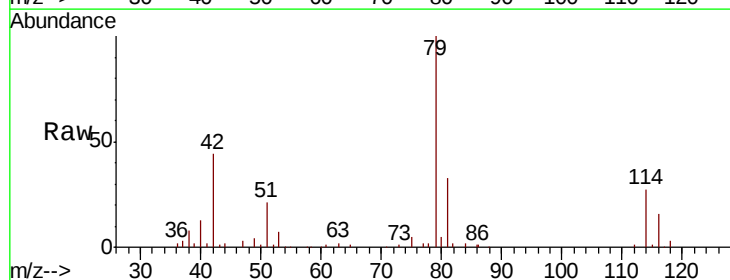
Acq: 23 Sep 2020 18:00

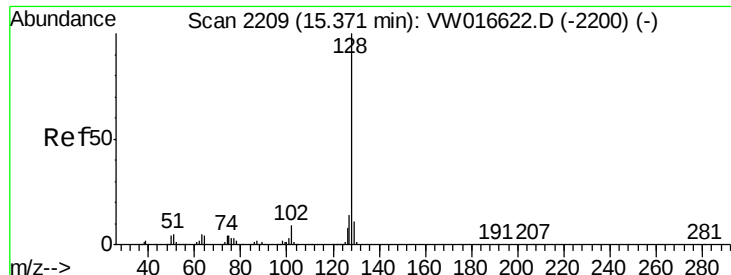
Tgt Ion: 75 Resp: 3135

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9





#69

Naphthalene

Concen: 0.461 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016634.D

Acq: 23 Sep 2020 18:00

Instrument :

MSVOA_W

ClientSampleId :

VIBLK07

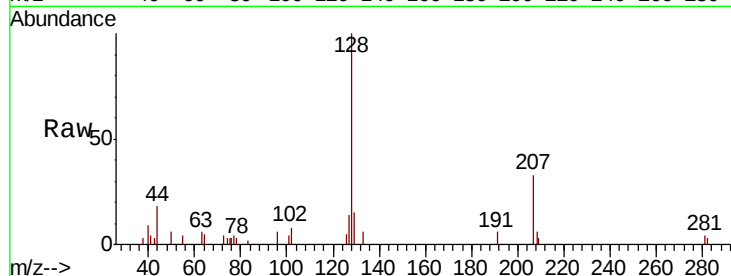
Tot Ion:128 Resp: 4157

Ion Ratio Lower Upper

128 100

129 12.7 8.9 13.3

127 7.2 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

