

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016667.D
 Acq On : 28 Sep 2020 14:13
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Sep 29 05:28:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	602072	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	541452	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	264947	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	98545	16.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.64%
7) Chloroethane-d5	2.90	69	91884	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
10) 1,1-Dichloroethene-d2	4.03	63	163477	12.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.20%
20) 2-Butanone-d5	7.09	46	77028	48.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.96%
24) Chloroform-d	7.66	84	298712	23.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.88%
26) 1,2-Dichloroethane-d4	8.31	65	160428	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.24%
29) Benzene-d6	8.28	84	528764	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.28	67	159665	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	10.33	98	482442	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.76%
38) trans-1,3-Dichloropropene-	10.58	79	73181	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.24%
39) 2-Hexanone-d5	10.93	63	64003	53.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149264	26.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	209481	24.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.00%

Target Compounds

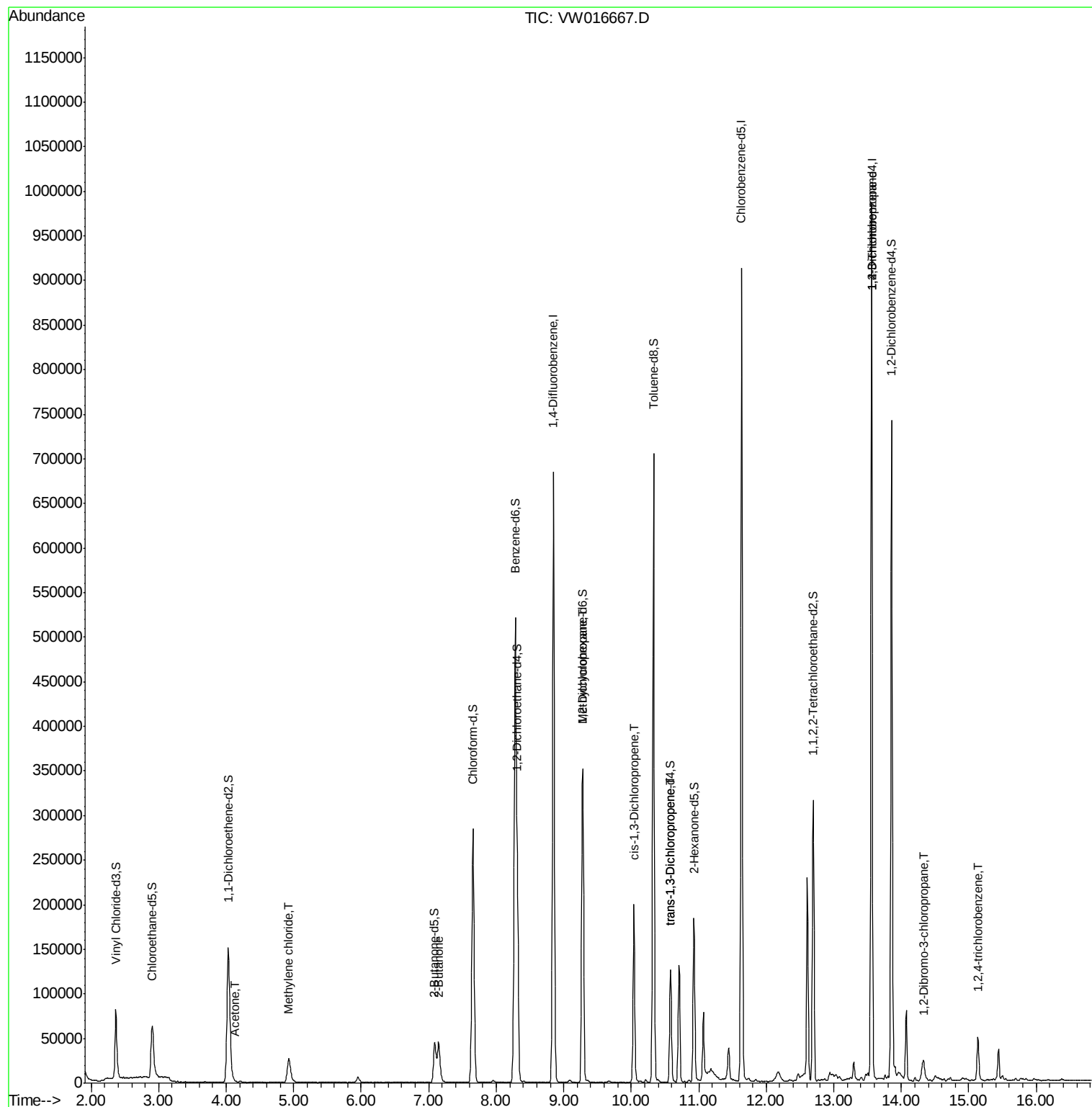
					Ovalue
13) Acetone	4.14	43	1192	0.958 ug/L	98
16) Methylene chloride	4.92	84	25598	2.757 ug/L	93
21) 2-Butanone	7.15	43	2329	1.100 ug/L #	56
36) Methylcyclohexane	9.28	83	42776	3.004 ug/L #	20
42) cis-1,3-Dichloropropene	10.04	75	5917	0.513 ug/L #	70
45) trans-1,3-Dichloropropene	10.58	75	3725	0.371 ug/L	85
59) 1,2,3-Trichloropropane	13.55	75	28341	5.984 ug/L	89
66) 1,2-Dibromo-3-chloropropan	14.33	75	1332	1.207 ug/L #	77
68) 1,2,4-trichlorobenzene	15.13	180	15773	1.547 ug/L	95

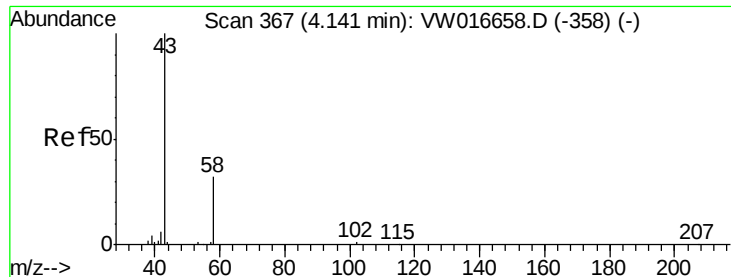
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016667.D
Acq On : 28 Sep 2020 14:13
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Sep 29 05:28:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 05:26:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.958 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW016667.D

Acq: 28 Sep 2020 14:13

Instrument :

MSVOA_W

ClientSampled :

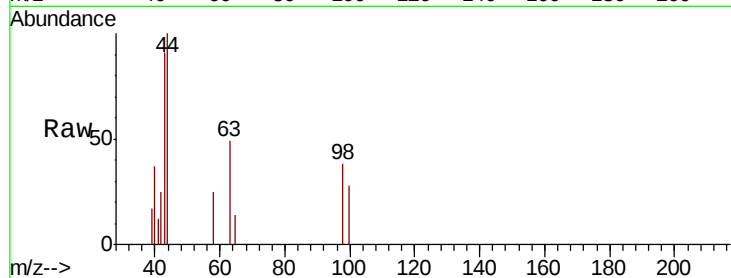
VIBLK

Tot Ion: 43 Resp: 1192

Ion Ratio Lower Upper

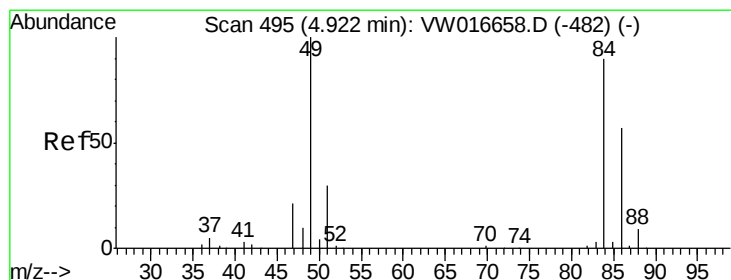
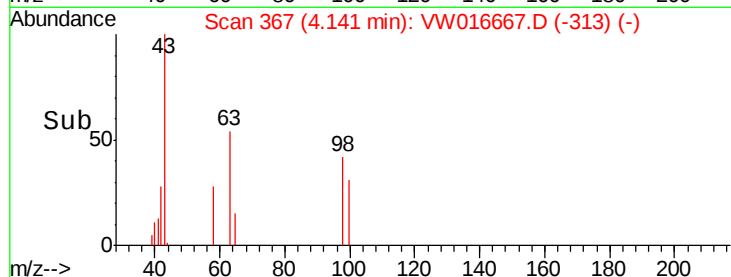
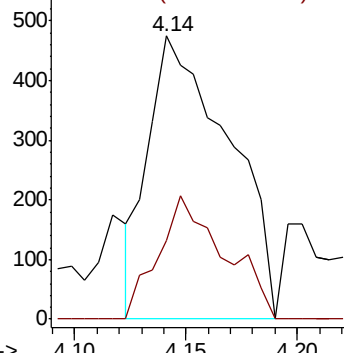
43 100

58 31.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.757 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016667.D

Acq: 28 Sep 2020 14:13

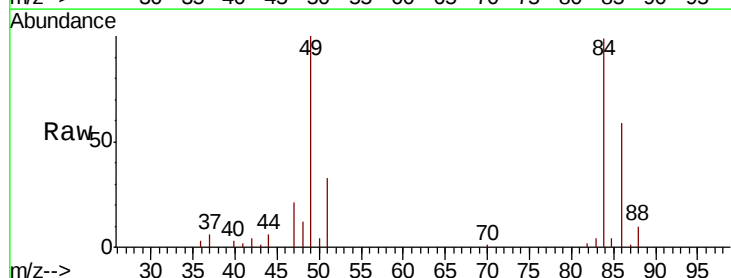
Tgt Ion: 84 Resp: 25598

Ion Ratio Lower Upper

84 100

49 100.7 76.0 141.2

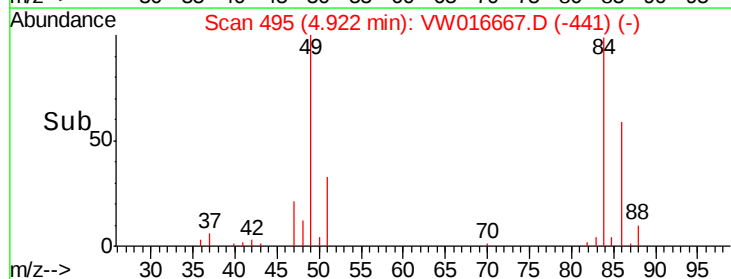
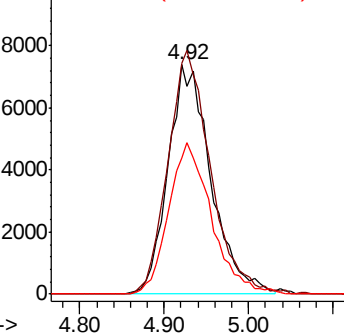
86 59.3 45.6 84.6

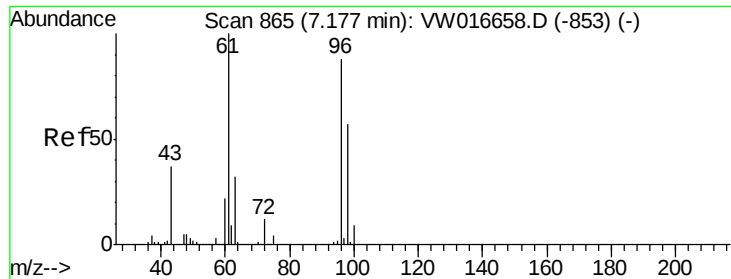


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.100 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW016667.D

Acq: 28 Sep 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

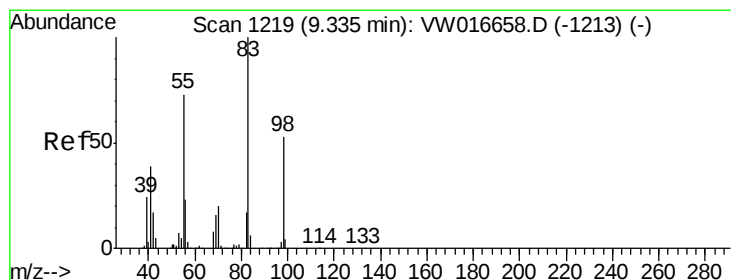
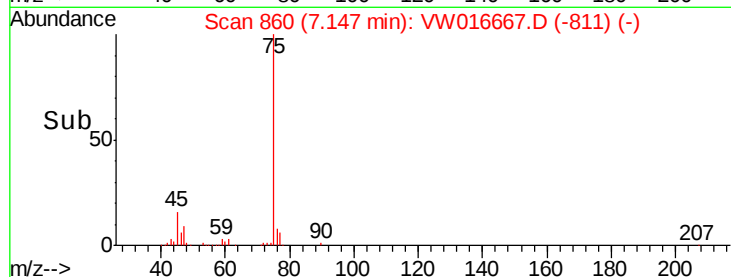
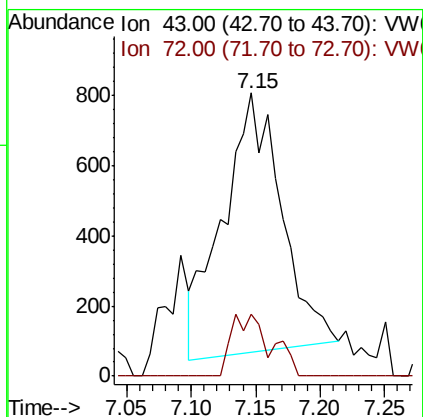
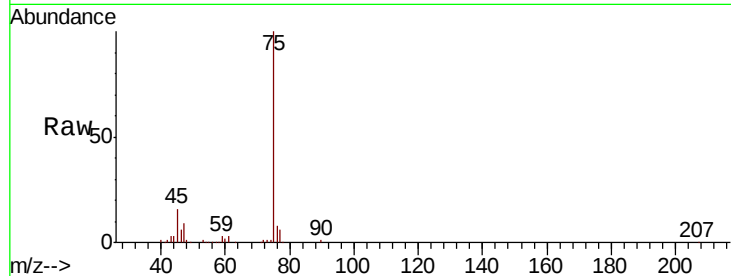
VIBLK

Tot Ion: 43 Resp: 2329

Ion Ratio Lower Upper

43 100

72 5.9 14.6 43.8#



#36

Methylcyclohexane

Concen: 3.004 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW016667.D

Acq: 28 Sep 2020 14:13

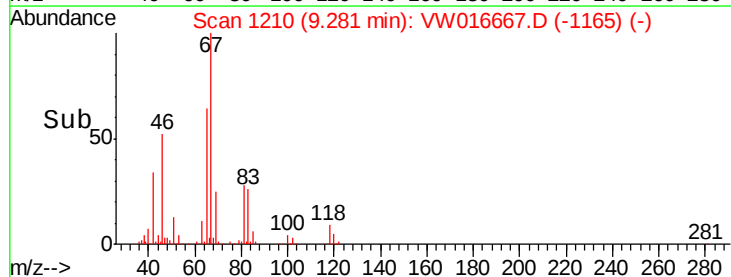
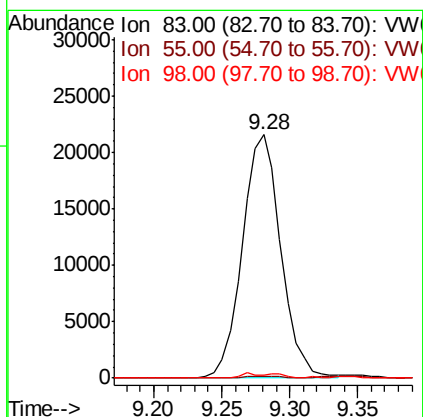
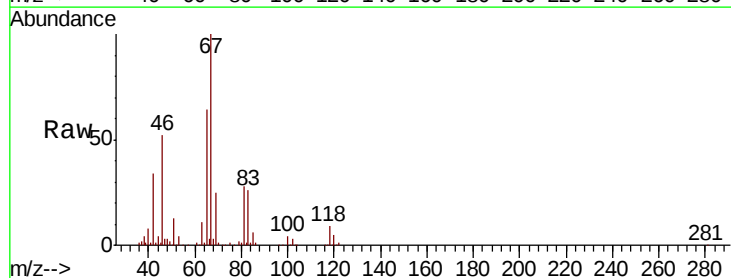
Tgt Ion: 83 Resp: 42776

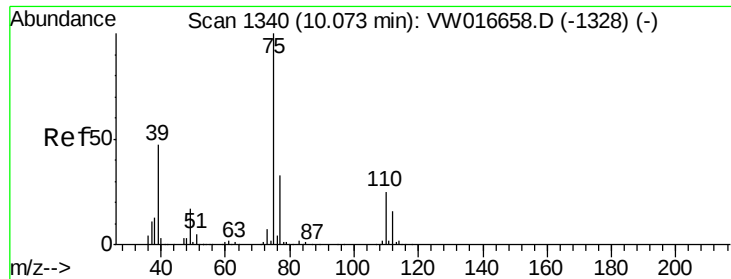
Ion Ratio Lower Upper

83 100

55 0.4 55.9 83.9#

98 0.9 42.1 63.1#





#42

cis-1,3-Dichloropropene

Concen: 0.513 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016667.D

Acq: 28 Sep 2020 14:13

Instrument :

MSVOA_W

ClientSampled :

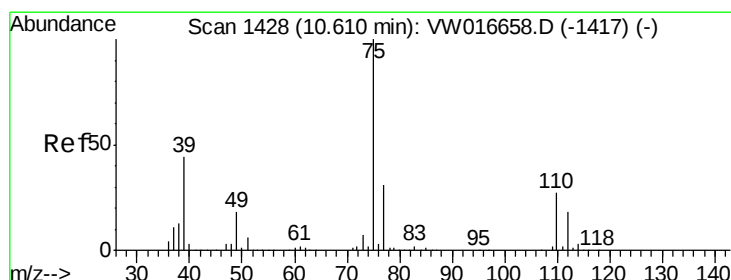
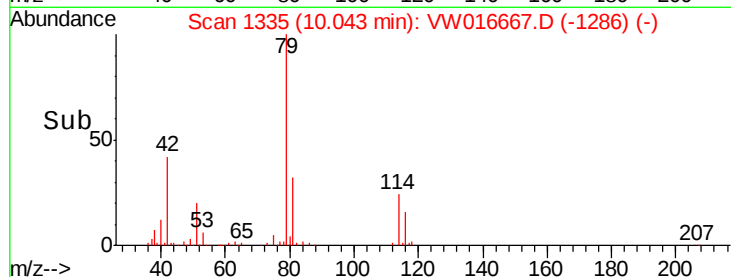
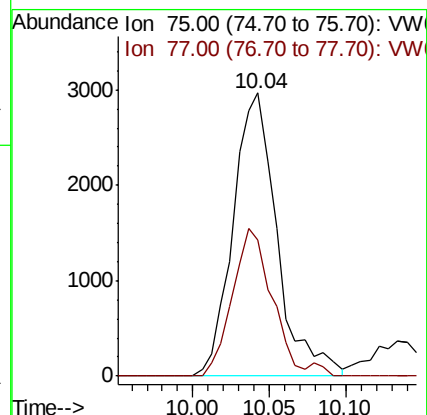
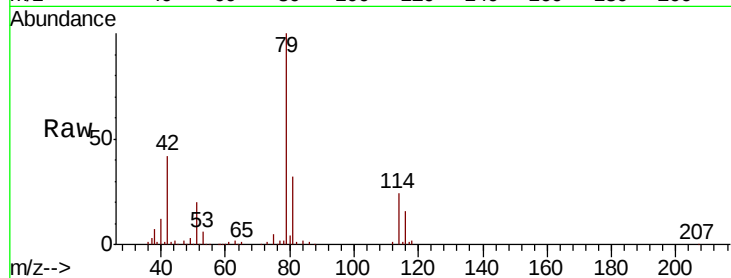
VIBLK

Tot Ion: 75 Resp: 5917

Ion Ratio Lower Upper

75 100

77 48.2 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.371 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016667.D

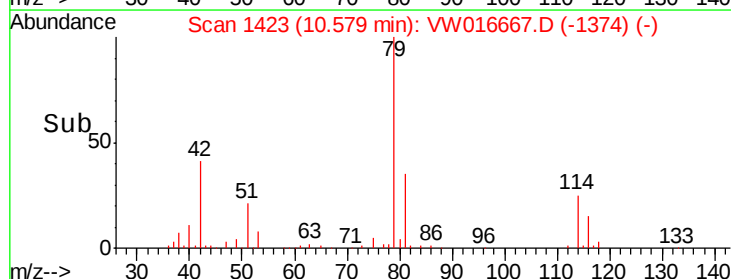
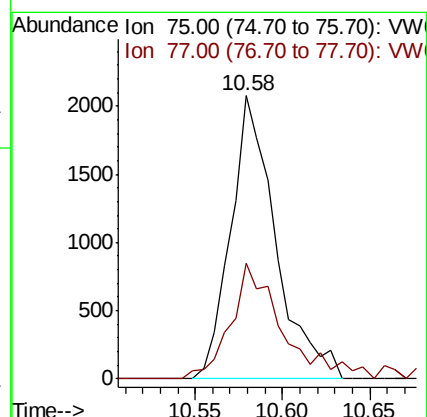
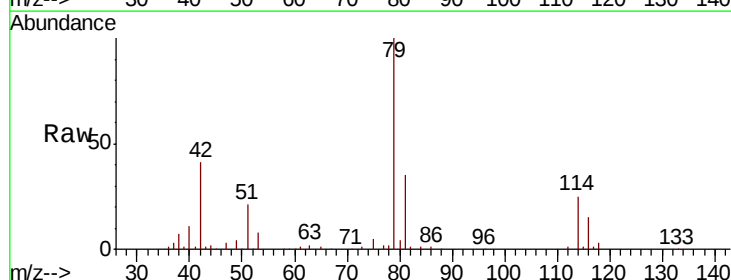
Acq: 28 Sep 2020 14:13

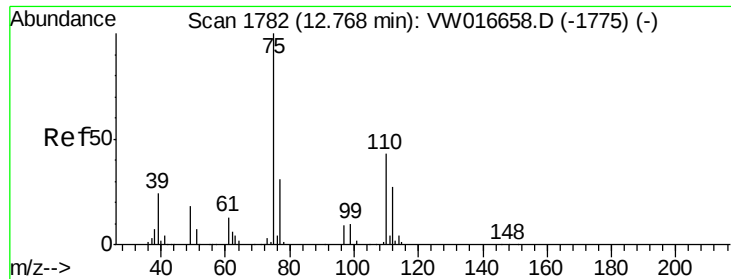
Tgt Ion: 75 Resp: 3725

Ion Ratio Lower Upper

75 100

77 40.8 22.5 41.9





#59

1,2,3-Trichloropropane

Concen: 5.984 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW016667.D

Acq: 28 Sep 2020 14:13

Instrument :

MSVOA_W

ClientSampled :

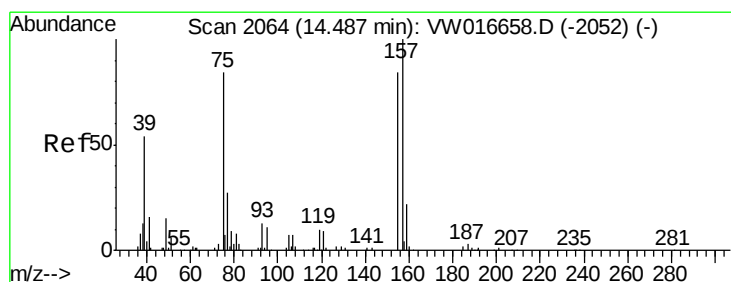
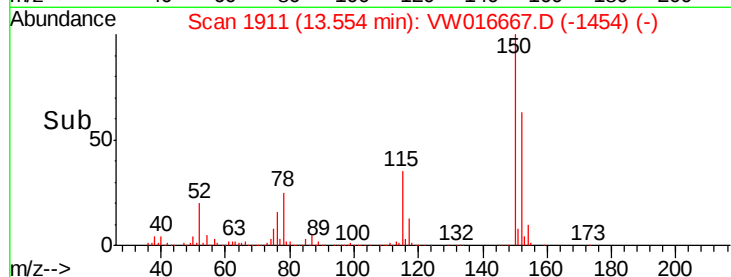
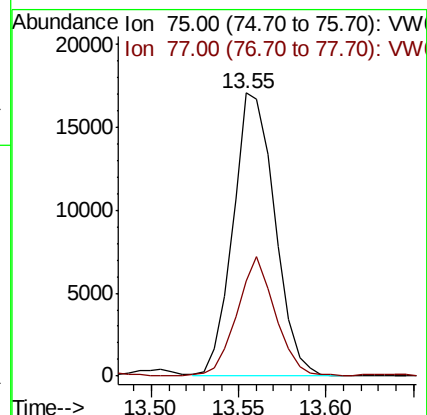
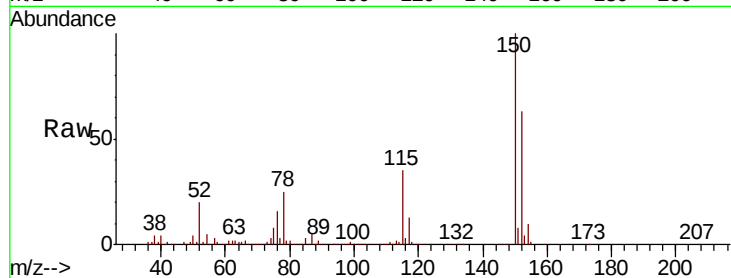
VIBLK

Tot Ion: 75 Resp: 28341

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.4



#66

1,2-Dibromo-3-chloropropane

Concen: 1.207 ug/L

RT: 14.33 min Scan# 2039

Delta R.T. -0.15 min

Lab File: VW016667.D

Acq: 28 Sep 2020 14:13

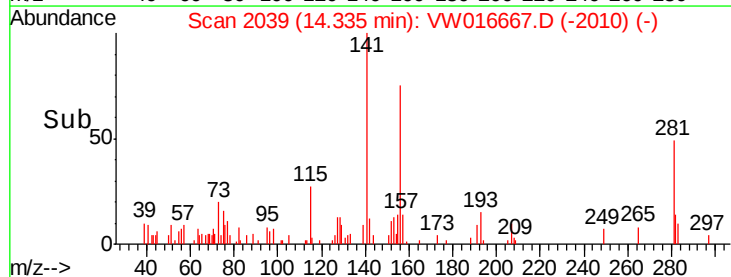
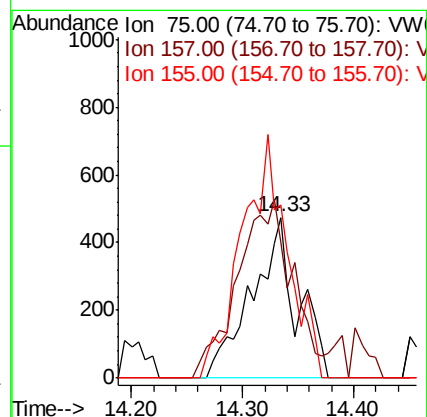
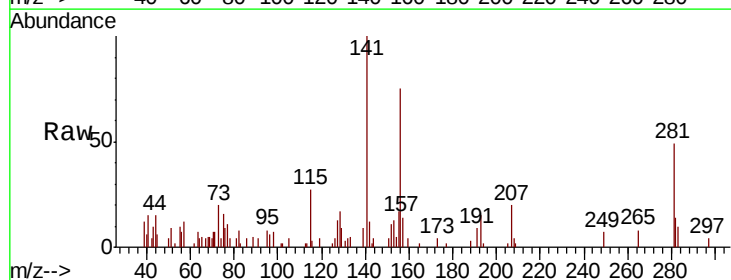
Tgt Ion: 75 Resp: 1332

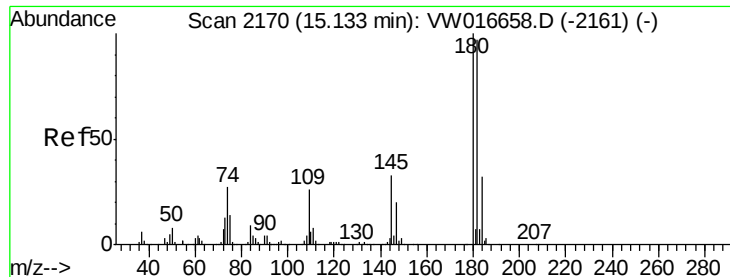
Ion Ratio Lower Upper

75 100

157 84.6 92.2 138.4#

155 107.6 73.5 110.3





#68
 1,2,4-trichlorobenzene
 Concen: 1.547 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016667.D
 Acq: 28 Sep 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Tot Ion:180 Resp: 15773
 Ion Ratio Lower Upper
 180 100
 182 97.5 74.5 111.7
 145 32.5 23.1 34.7

