

Data File : VW017423.D
Acq On : 20 Nov 2020 17:32
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK12

Quant Time: Nov 21 00:33:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	358844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336236	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173215	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	98020	18.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.80%
7) Chloroethane-d5	2.89	69	86106	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
10) 1,1-Dichloroethene-d2	4.02	63	145660	15.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.68%
20) 2-Butanone-d5	7.08	46	46070	52.80	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.60%
24) Chloroform-d	7.65	84	218437	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	8.31	65	116804	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.56%
29) Benzene-d6	8.27	84	424081	22.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.48%
33) 1,2-Dichloropropane-d6	9.27	67	117715	23.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.24%
37) Toluene-d8	10.32	98	410398	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	10.58	79	51689	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.04%
39) 2-Hexanone-d5	10.93	63	38090	56.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100080	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	161496	25.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.04%

Target Compounds

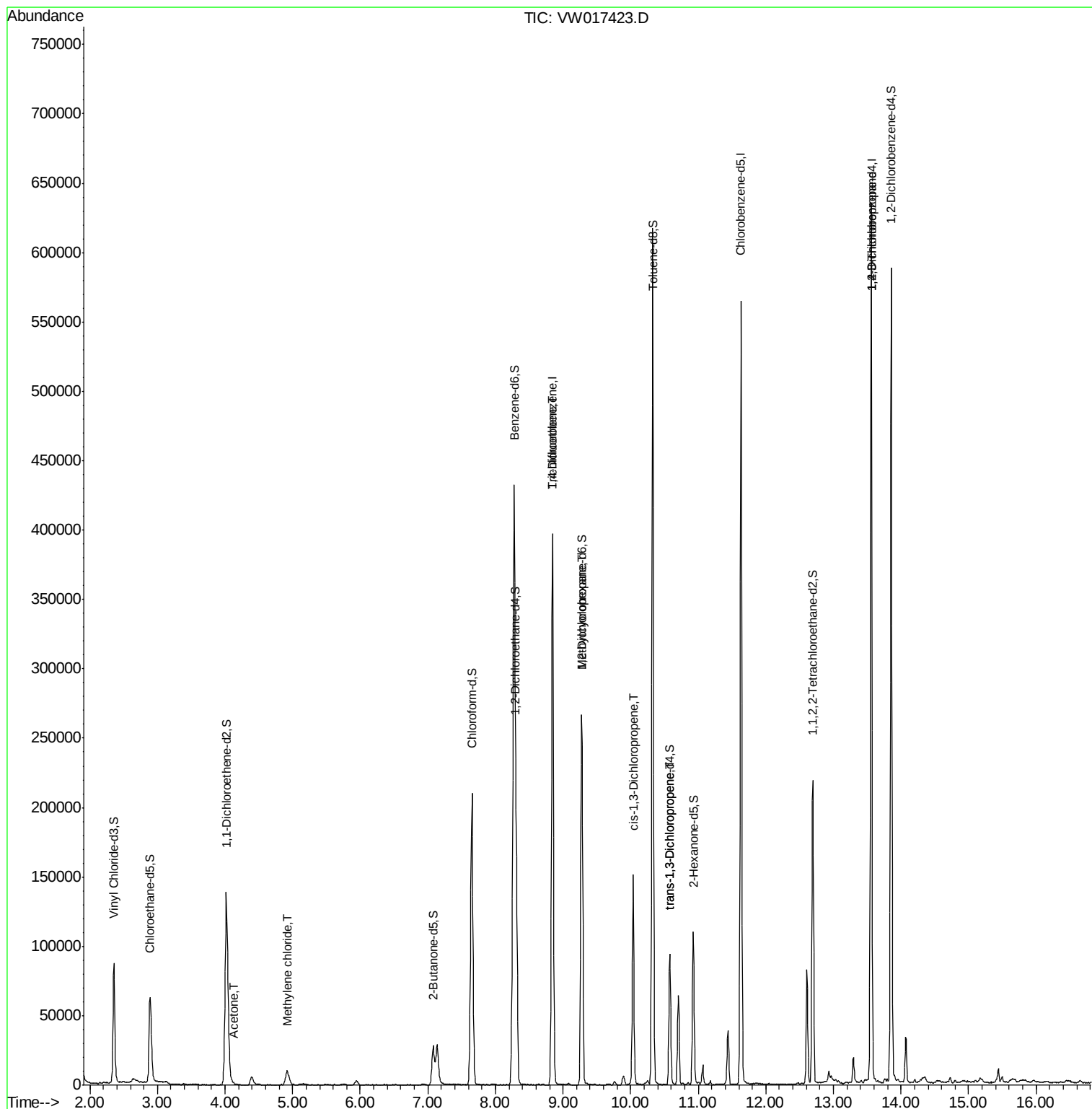
					Qvalue
13) Acetone	4.13	43	528	0.829 ug/L	92
16) Methylene chloride	4.92	84	4880	0.795 ug/L	92
35) Trichloroethene	8.85	95	10805	2.011 ug/L #	2
36) Methylcyclohexane	9.27	83	31812	3.706 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4137	0.620 ug/L #	50
45) trans-1,3-Dichloropropene	10.57	75	2685	0.475 ug/L	91
59) 1,2,3-Trichloropropane	13.55	75	18615	7.031 ug/L	99

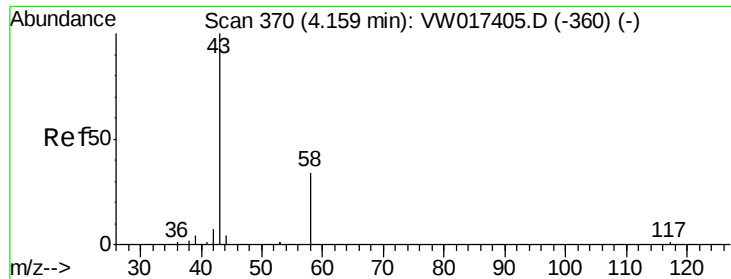
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017423.D
Acq On : 20 Nov 2020 17:32
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK12

Quant Time: Nov 21 00:33:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.829 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.03 min

Lab File: VW017423.D

Acq: 20 Nov 2020 17:32

Instrument :

MSVOA_W

ClientSampleId :

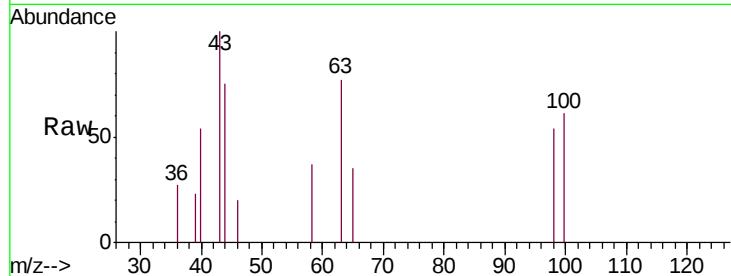
VIBLK12

Tgt Ion: 43 Resp: 528

Ion Ratio Lower Upper

43 100

58 28.8 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

300

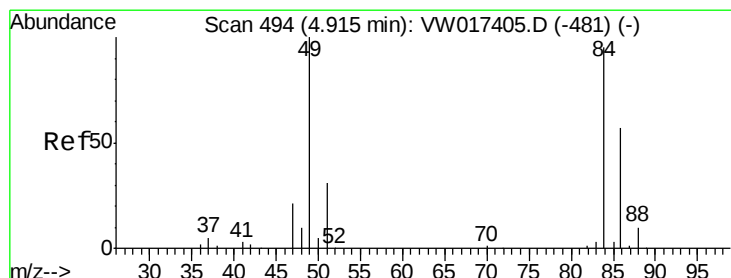
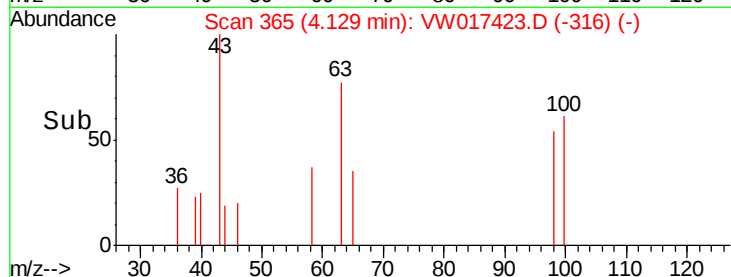
200

100

0

4.10 4.12 4.14 4.16

Time-->



#16

Methylene chloride

Concen: 0.795 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017423.D

Acq: 20 Nov 2020 17:32

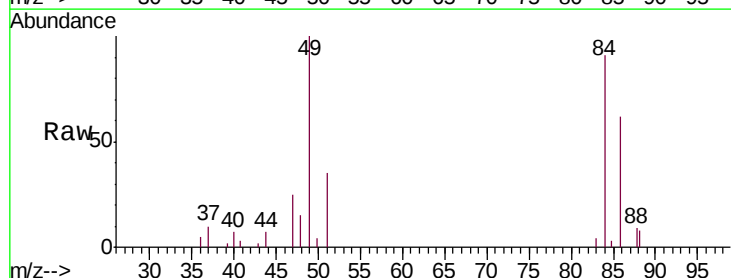
Tgt Ion: 84 Resp: 4880

Ion Ratio Lower Upper

84 100

49 110.0 71.5 132.9

86 68.3 42.8 79.4



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

4.92

3000

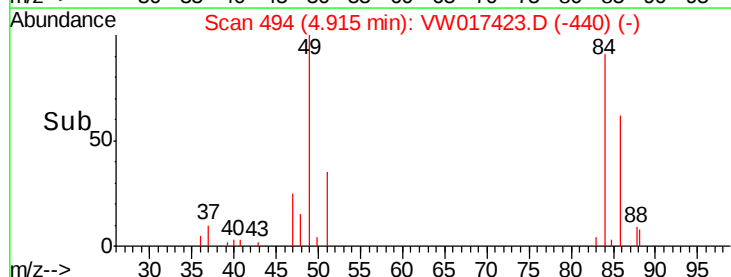
2000

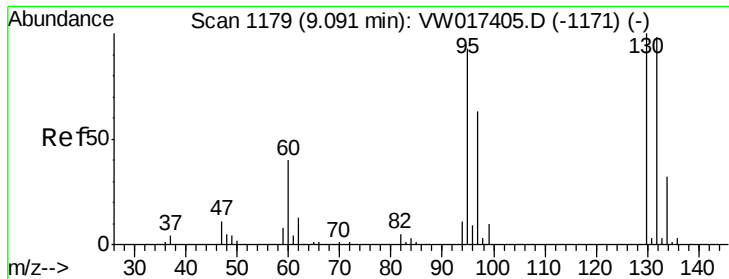
1000

0

4.85 4.90

Time-->

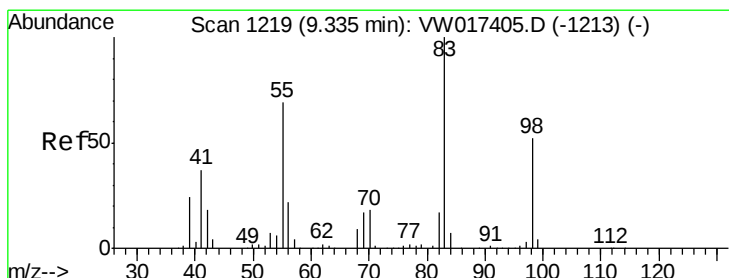
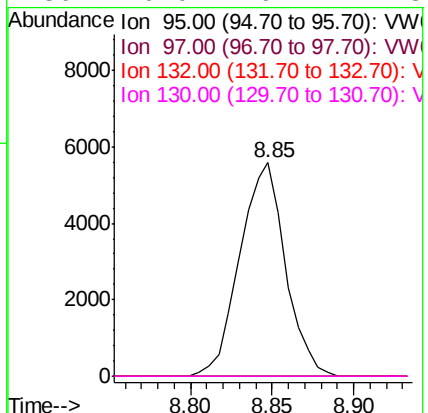
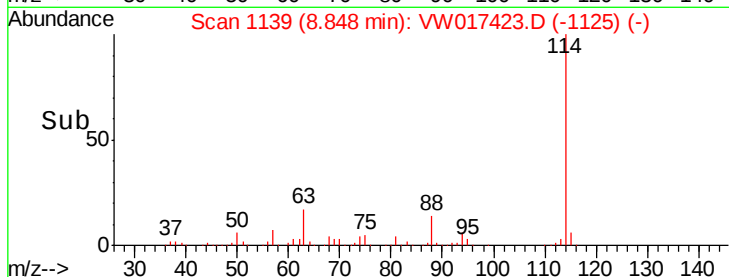
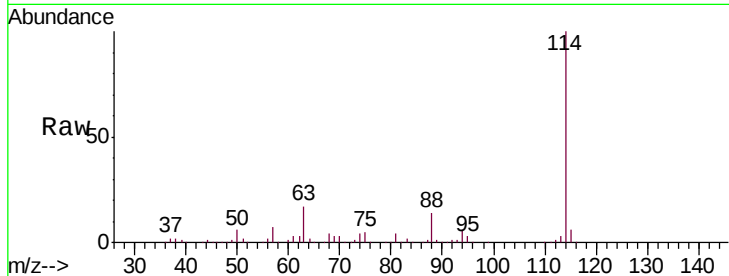




#35
 Trichloroethene
 Concen: 2.011 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW017423.D
 Acq: 20 Nov 2020 17:32

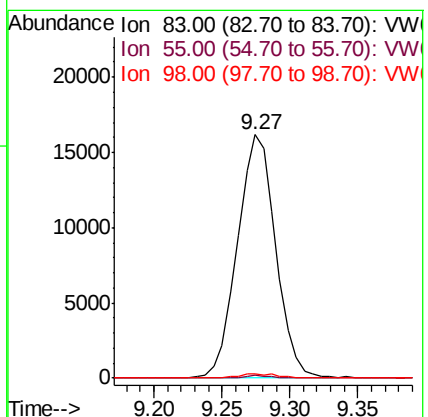
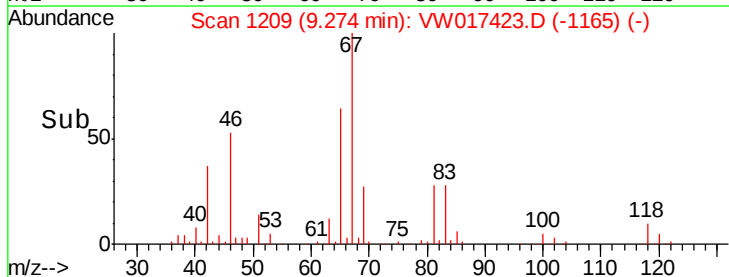
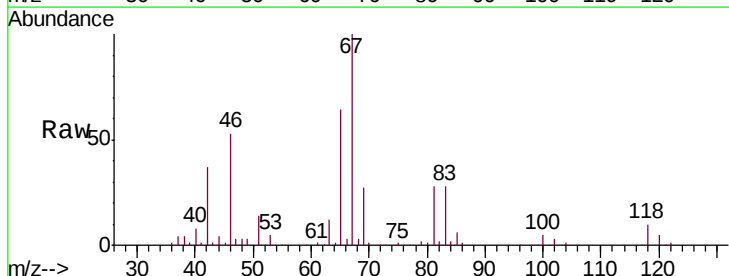
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK12

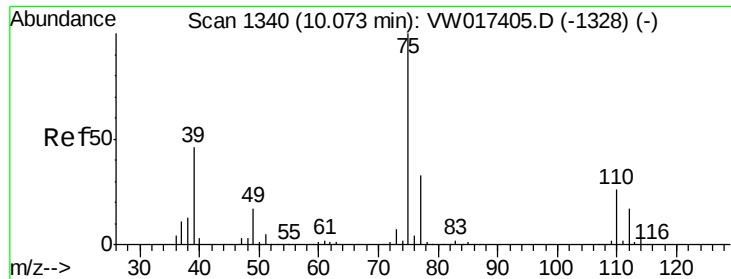
Tgt Ion: 95 Resp: 10805
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.7 82.9#
 132 0.0 72.7 134.9#
 130 0.0 76.1 141.3#



#36
 Methylcyclohexane
 Concen: 3.706 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW017423.D
 Acq: 20 Nov 2020 17:32

Tgt Ion: 83 Resp: 31812
 Ion Ratio Lower Upper
 83 100
 55 0.6 54.6 81.8#
 98 1.8 41.5 62.3#





#42

cis-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017423.D

Acq: 20 Nov 2020 17:32

Instrument :

MSVOA_W

ClientSampleId :

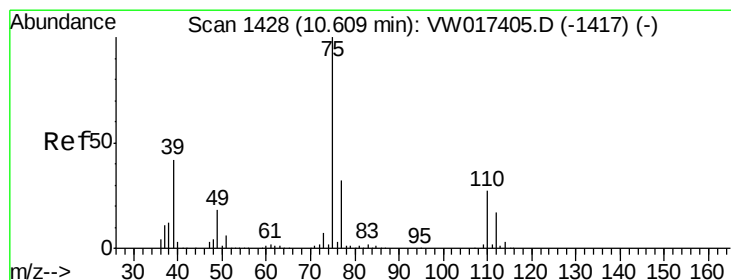
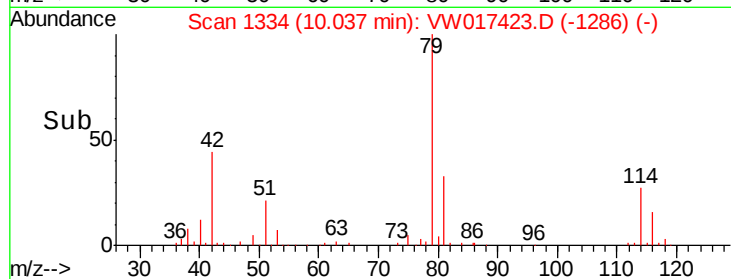
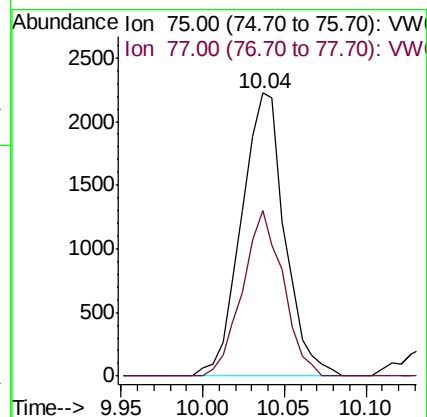
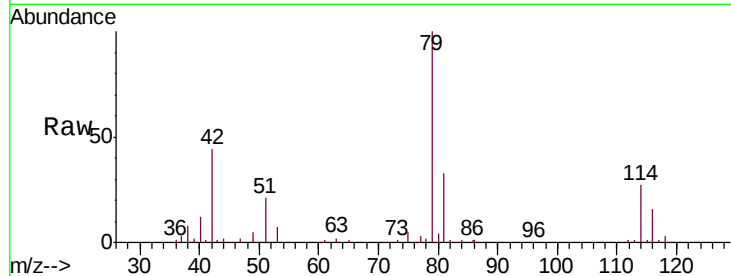
VIBLK12

Tgt Ion: 75 Resp: 4137

Ion Ratio Lower Upper

75 100

77 58.4 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.475 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.04 min

Lab File: VW017423.D

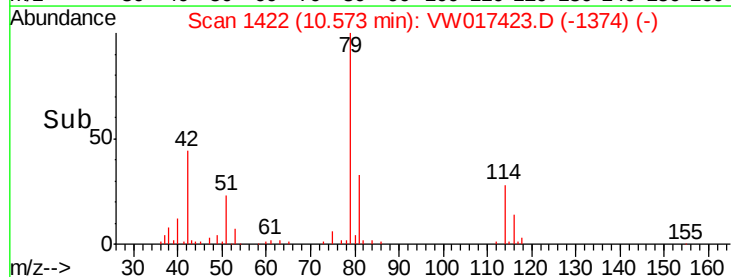
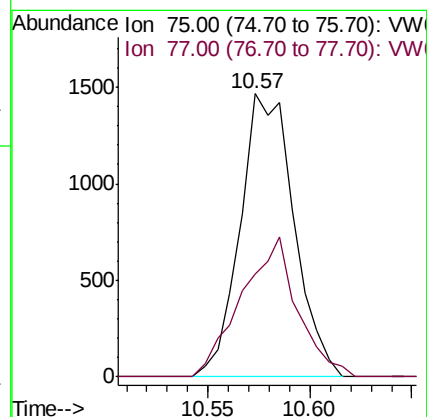
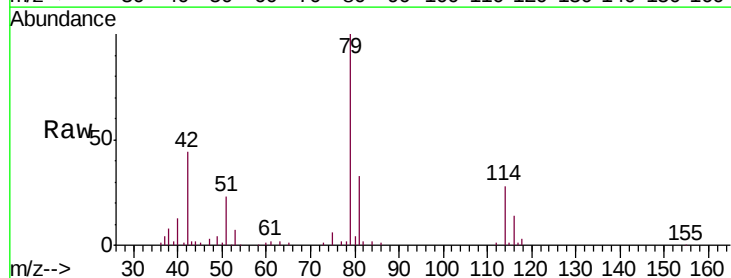
Acq: 20 Nov 2020 17:32

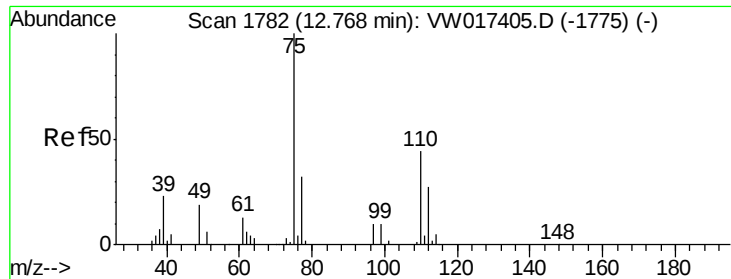
Tgt Ion: 75 Resp: 2685

Ion Ratio Lower Upper

75 100

77 36.4 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 7.031 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017423.D

Acq: 20 Nov 2020 17:32

Instrument :

MSVOA_W

ClientSampleId :

VIBLK12

Tgt Ion: 75 Resp: 18615

Ion Ratio Lower Upper

75 100

77 33.8 26.6 40.0

