

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016833.D
 Acq On : 07 Oct 2020 14:51
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK10

Quant Time: Oct 08 08:40:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 08:32:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	532123	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	473406	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225369	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108311	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.52%
7) Chloroethane-d5	2.90	69	86701	19.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.76%
10) 1,1-Dichloroethene-d2	4.03	63	156907	14.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.32%
20) 2-Butanone-d5	7.09	46	49080	41.28	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.56%
24) Chloroform-d	7.65	84	220010	19.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.36%
26) 1,2-Dichloroethane-d4	8.31	65	114585	21.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.52%
29) Benzene-d6	8.27	84	446170	20.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.00%
33) 1,2-Dichloropropane-d6	9.27	67	121923	21.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.40%
37) Toluene-d8	10.32	98	417158	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.24%
38) trans-1,3-Dichloropropene-	10.58	79	49322	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.40%
39) 2-Hexanone-d5	10.93	63	40567	45.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102205	21.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	151473	21.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.76%

Target Compounds

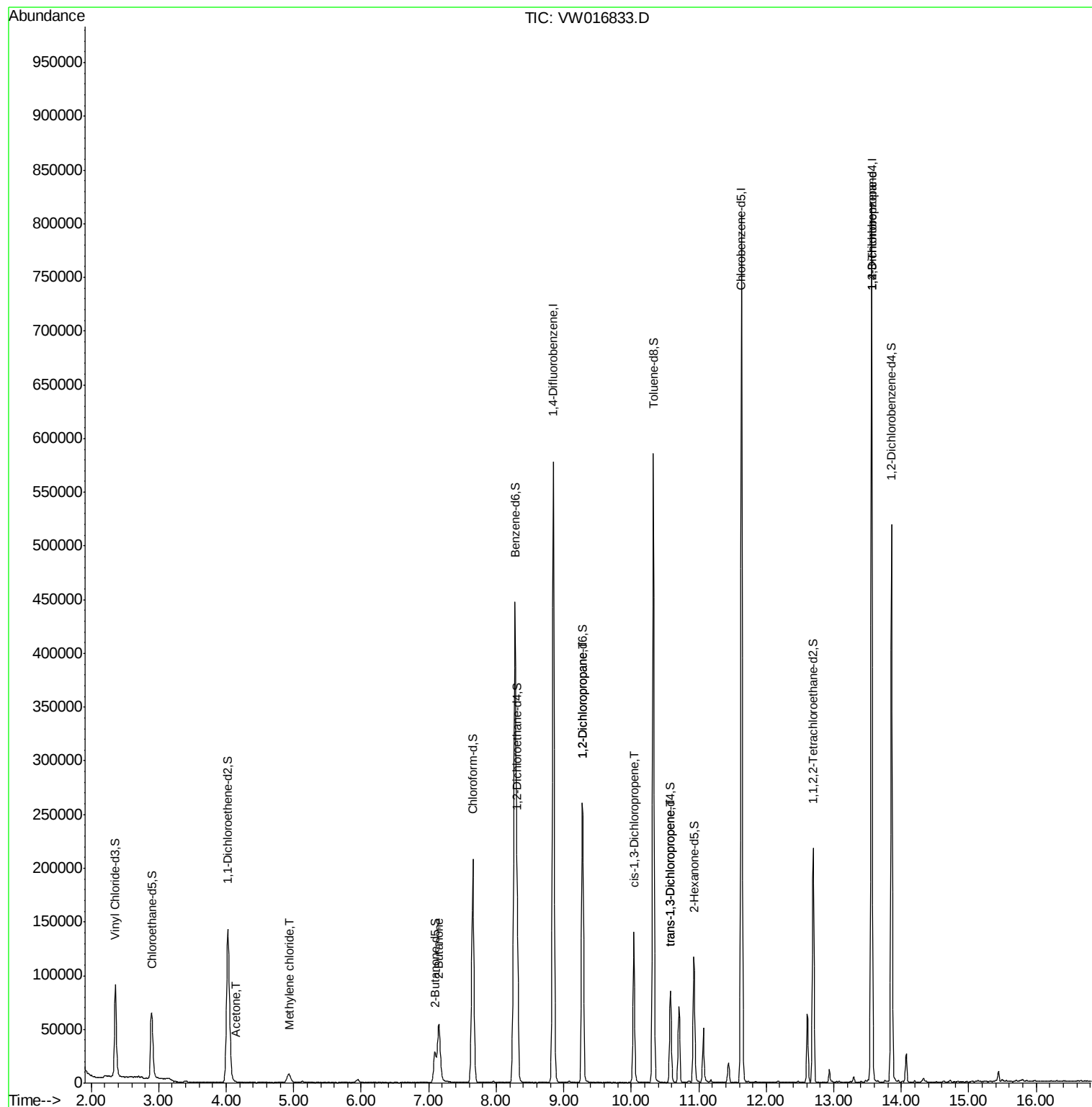
					Ovalue
13) Acetone	4.15	43	702	0.780 ug/L	72
16) Methylene chloride	4.93	84	8275	1.127 ug/L	80
21) 2-Butanone	7.15	43	2110	1.397 ug/L	77
40) 1,2-Dichloropropane	9.27	63	13912	2.420 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3591	0.392 ug/L #	66
45) trans-1,3-Dichloropropene	10.58	75	2272	0.295 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	22467	6.005 ug/L	92

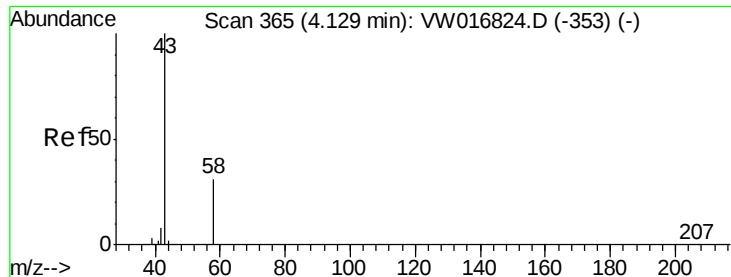
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.780 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016833.D

Acq: 07 Oct 2020 14:51

Instrument :

MSVOA_W

ClientSampleId :

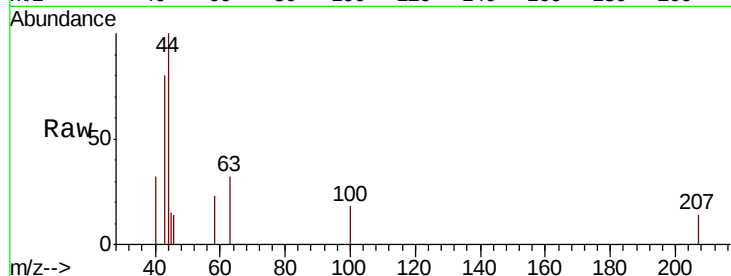
VIBLK10

Tot Ion: 43 Resp: 702

Ion Ratio Lower Upper

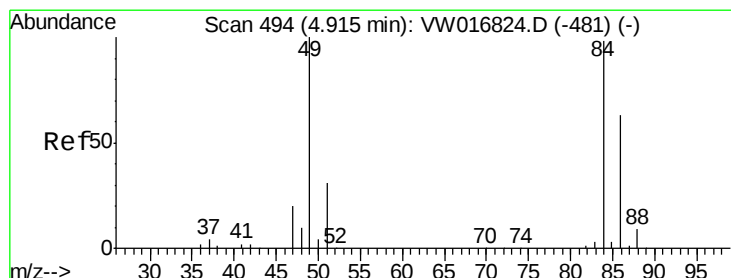
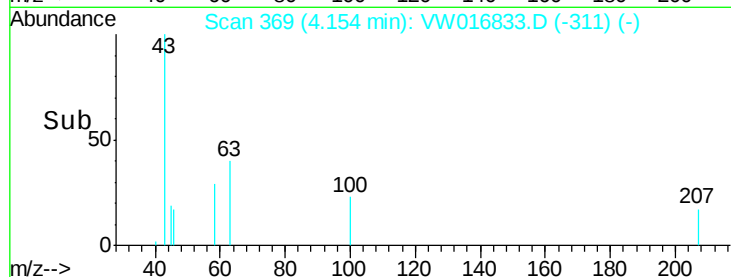
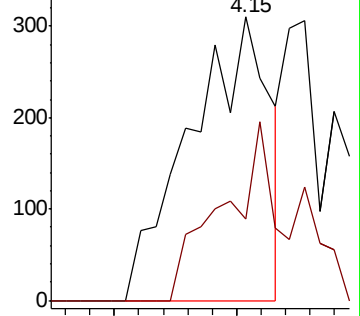
43 100

58 17.7 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.127 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.02 min

Lab File: VW016833.D

Acq: 07 Oct 2020 14:51

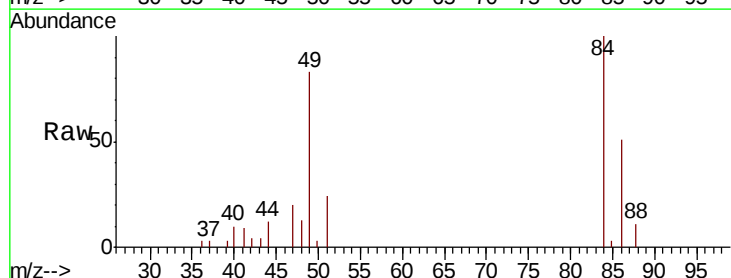
Tgt Ion: 84 Resp: 8275

Ion Ratio Lower Upper

84 100

49 83.0 73.1 135.8

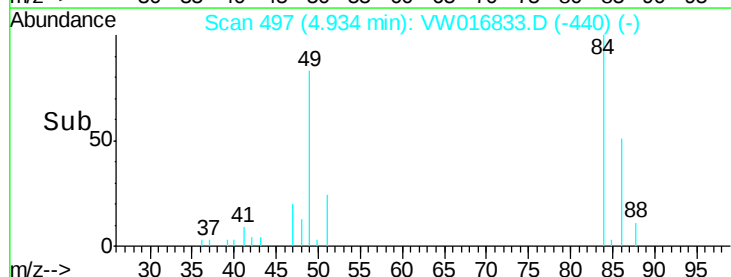
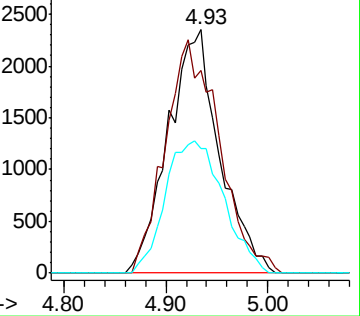
86 51.3 46.0 85.4

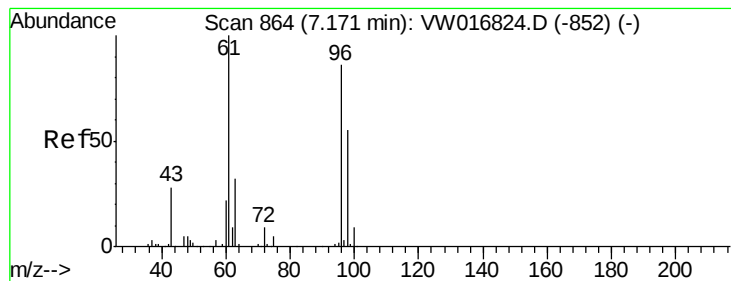


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.397 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW016833.D

Acq: 07 Oct 2020 14:51

Instrument :

MSVOA_W

ClientSampled :

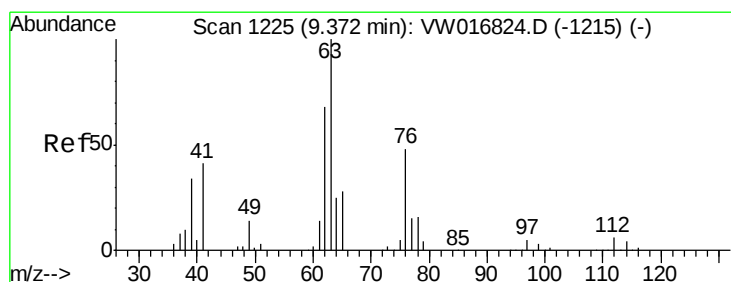
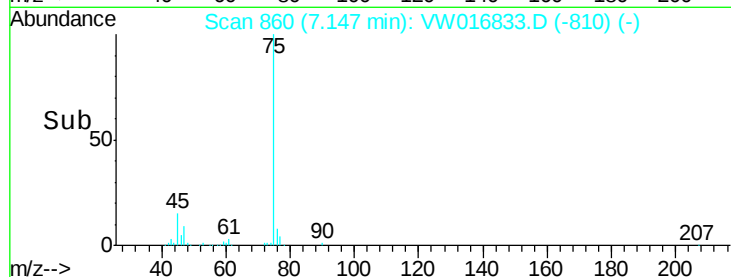
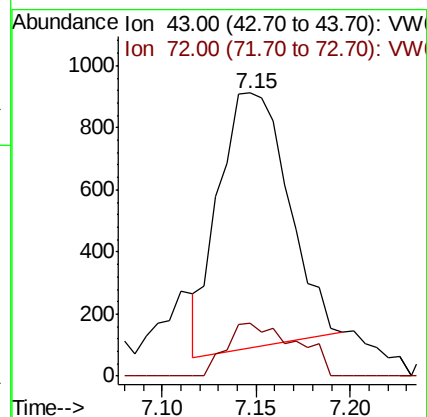
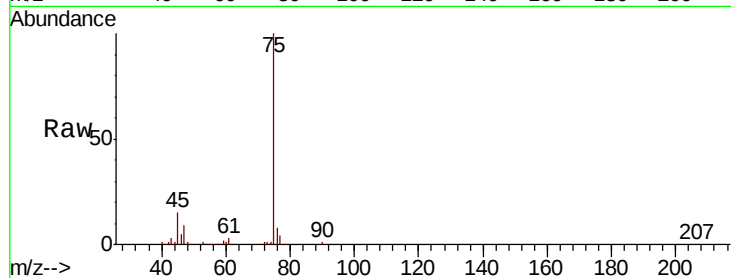
VIBLK10

Tot Ion: 43 Resp: 2110

Ion Ratio Lower Upper

43 100

72 19.2 16.2 48.5



#40

1,2-Dichloropropane

Concen: 2.420 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016833.D

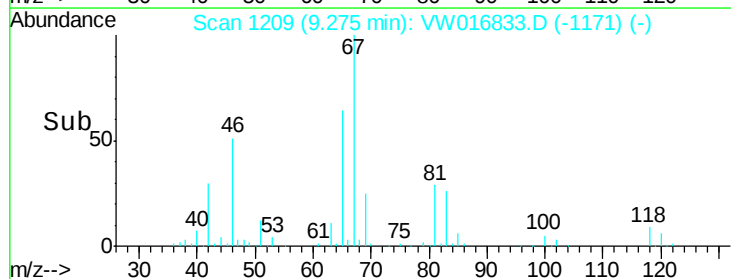
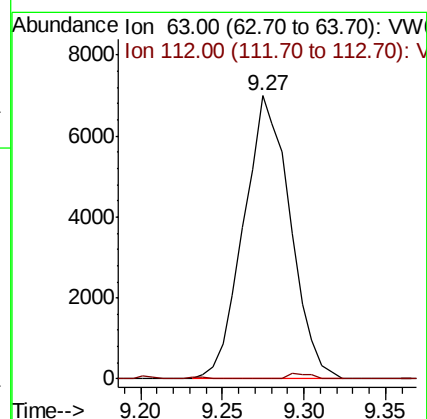
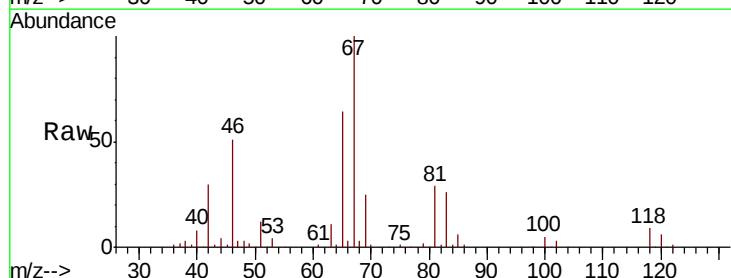
Acq: 07 Oct 2020 14:51

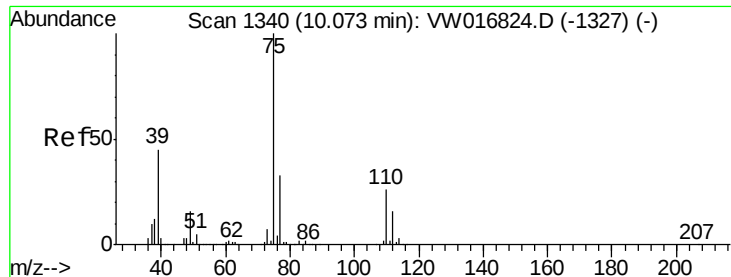
Tgt Ion: 63 Resp: 13912

Ion Ratio Lower Upper

63 100

112 0.8 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.392 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016833.D

Acq: 07 Oct 2020 14:51

Instrument :

MSVOA_W

ClientSampleId :

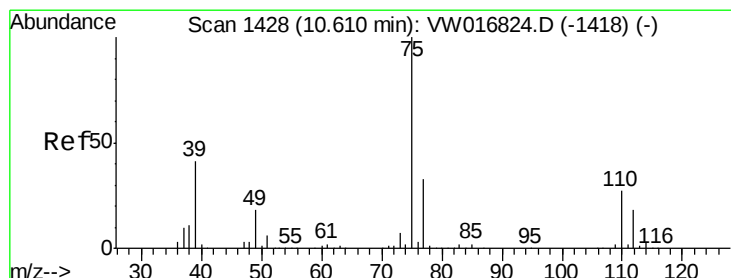
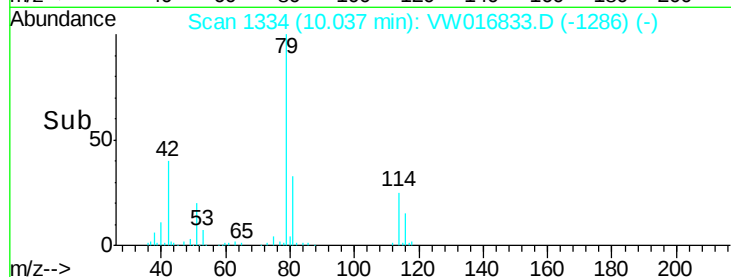
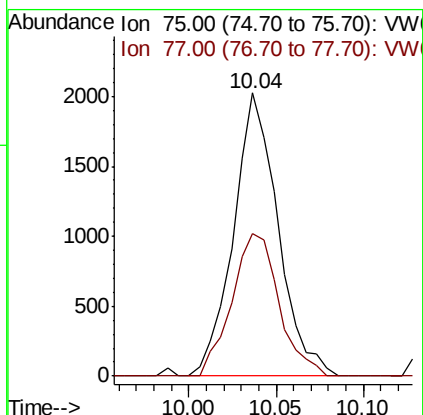
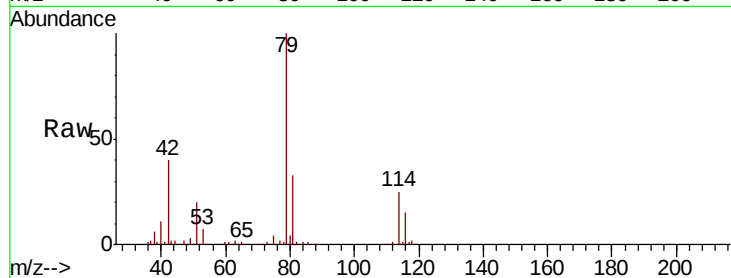
VIBLK10

Tot Ion: 75 Resp: 3591

Ion Ratio Lower Upper

75 100

77 50.2 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.295 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016833.D

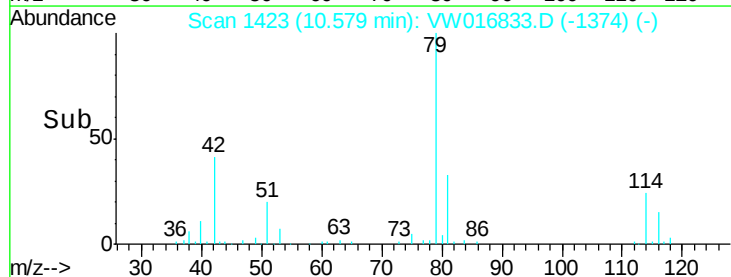
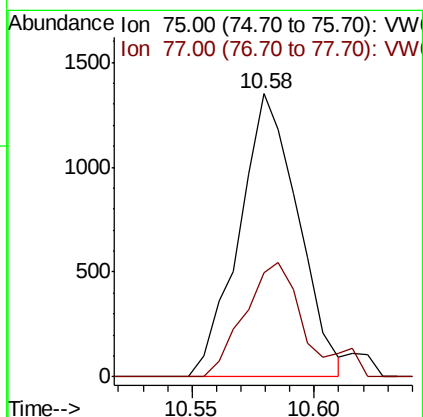
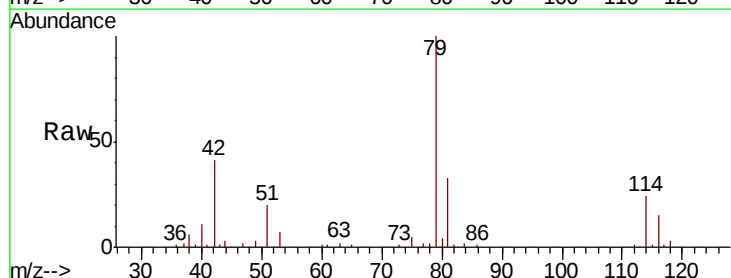
Acq: 07 Oct 2020 14:51

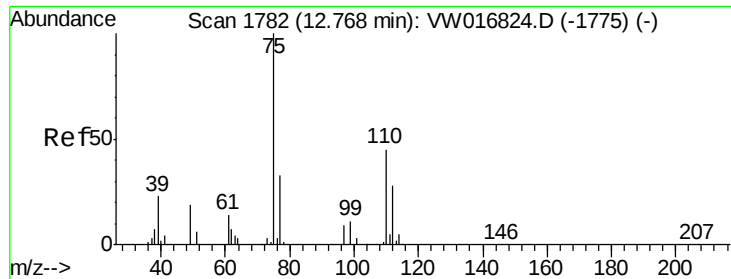
Tgt Ion: 75 Resp: 2272

Ion Ratio Lower Upper

75 100

77 37.0 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 6.005 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016833.D

Acq: 07 Oct 2020 14:51

Instrument :

MSVOA_W

ClientSampleId :

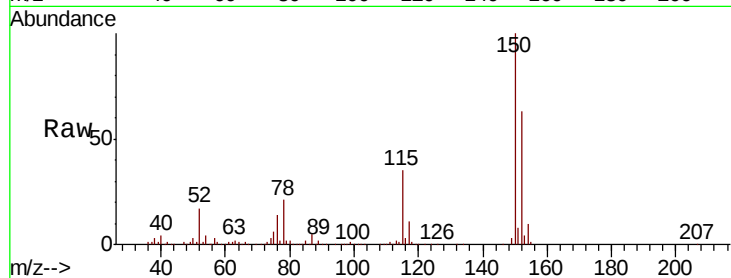
VIBLK10

Tot Ion: 75 Resp: 22467

Ion Ratio Lower Upper

75 100

77 37.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

