

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101620\
 Data File : VW016920.D
 Acq On : 15 Oct 2020 18:30
 Operator : SY/VA
 Sample : VIBLK
 Misc : 6.52G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK14

Quant Time: Oct 16 08:16:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:07:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	486427	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	434115	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	208713	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110758	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
7) Chloroethane-d5	2.90	69	95597	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.00%
10) 1,1-Dichloroethene-d2	4.03	63	173208	17.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.00%
20) 2-Butanone-d5	7.09	46	53787	49.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.98%
24) Chloroform-d	7.65	84	265585	25.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.52%
26) 1,2-Dichloroethane-d4	8.31	65	128771	25.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.92%
29) Benzene-d6	8.28	84	518253	26.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.16%
33) 1,2-Dichloropropane-d6	9.28	67	144274	27.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.92%
37) Toluene-d8	10.33	98	488849	26.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.12%
38) trans-1,3-Dichloropropene-	10.58	79	56706	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.08%
39) 2-Hexanone-d5	10.93	63	44104	53.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114890	26.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	175126	26.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.80%

Target Compounds

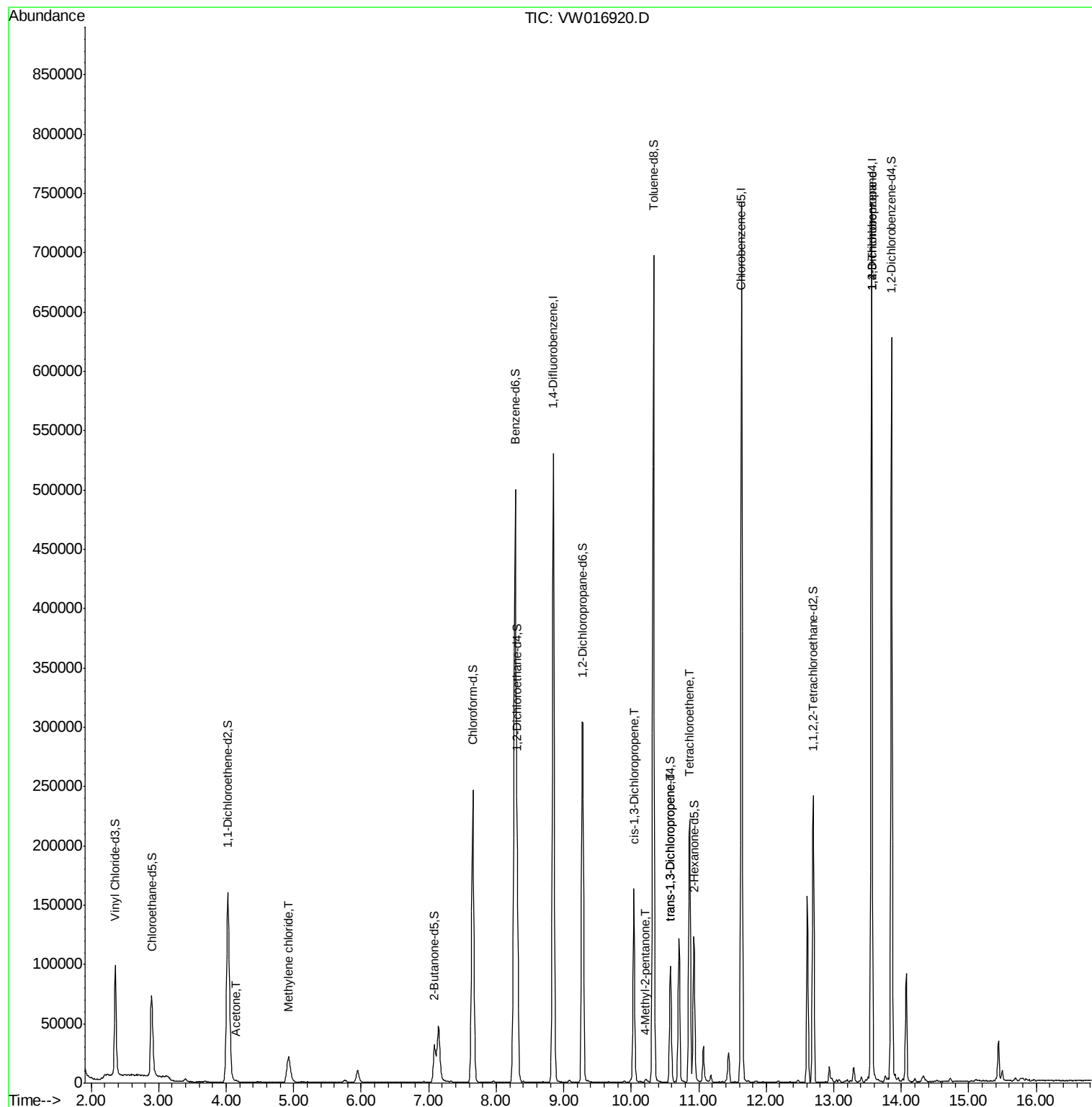
					Ovalue
13) Acetone	4.14	43	732	0.890 ug/L	82
16) Methylene chloride	4.92	84	9908	1.476 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4511	0.537 ug/L #	78
43) 4-Methyl-2-pentanone	10.21	43	2090	0.788 ug/L #	69
45) trans-1,3-Dichloropropene	10.58	75	2588	0.366 ug/L #	68
47) Tetrachloroethene	10.87	164	55753	9.120 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	21470	6.258 ug/L	91

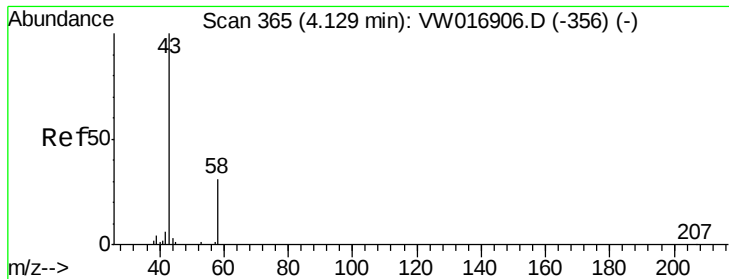
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 08:07:29 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.890 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW016920.D

Acq: 15 Oct 2020 18:30

Instrument :

MSVOA_W

ClientSampled :

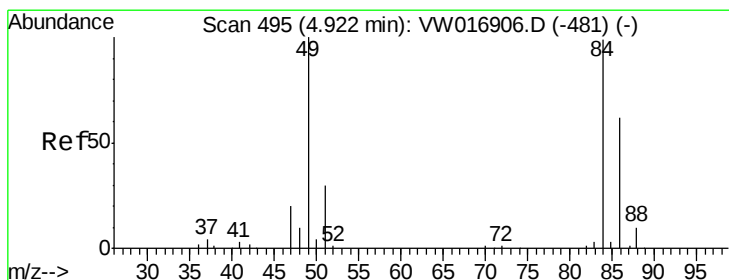
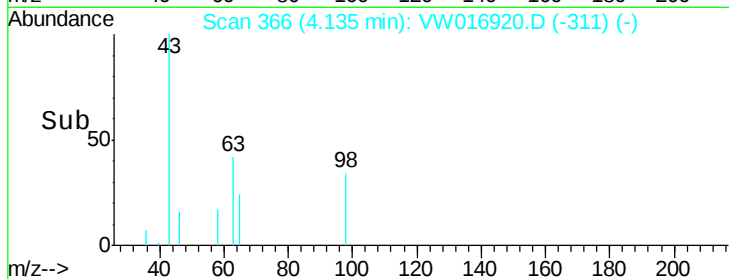
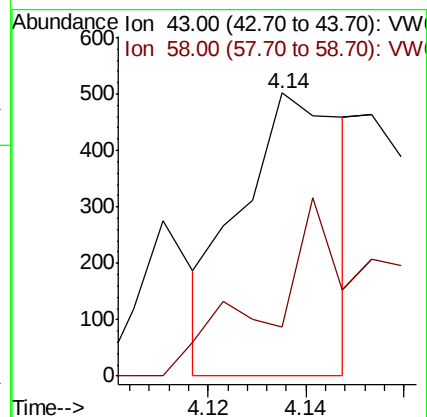
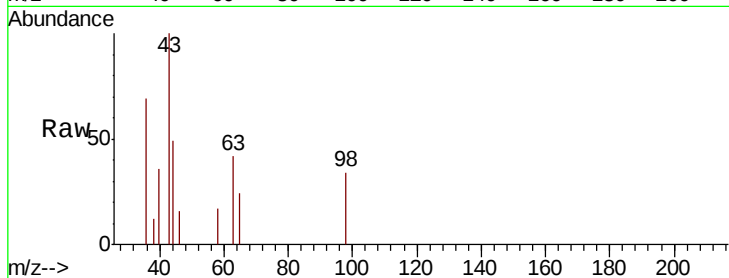
VIBLK14

Tot Ion: 43 Resp: 732

Ion Ratio Lower Upper

43 100

58 23.5 0.0 67.6



#16

Methylene chloride

Concen: 1.476 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW016920.D

Acq: 15 Oct 2020 18:30

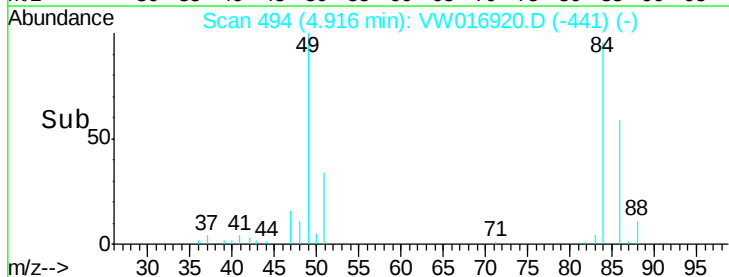
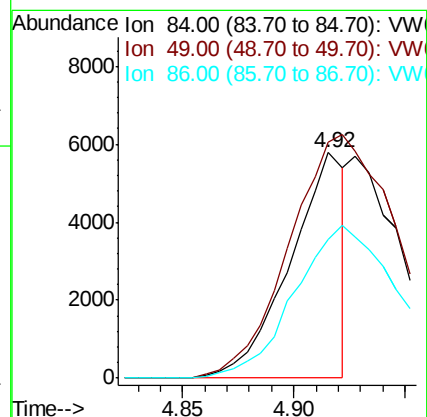
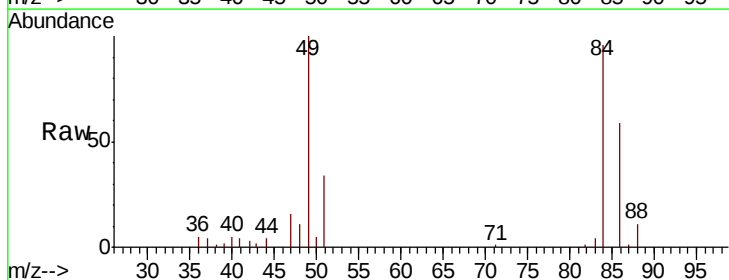
Tgt Ion: 84 Resp: 9908

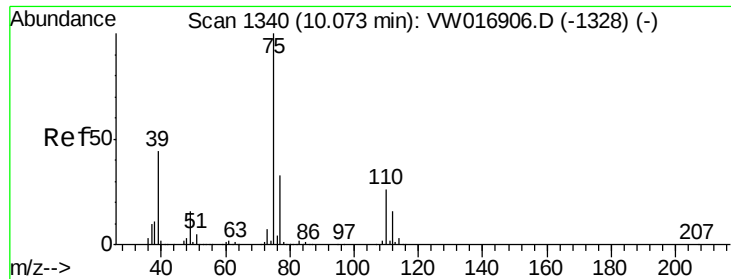
Ion Ratio Lower Upper

84 100

49 104.7 73.1 135.8

86 61.4 46.0 85.4





#42

cis-1,3-Dichloropropene

Concen: 0.537 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016920.D

Acq: 15 Oct 2020 18:30

Instrument :

MSVOA_W

ClientSampled :

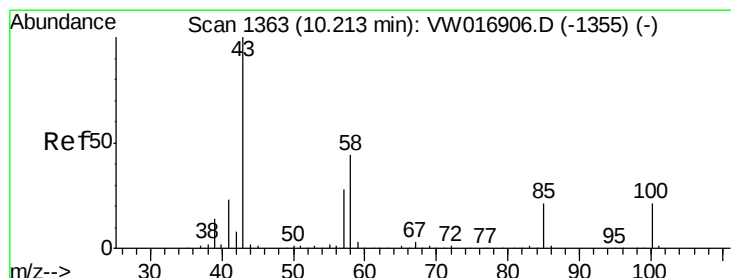
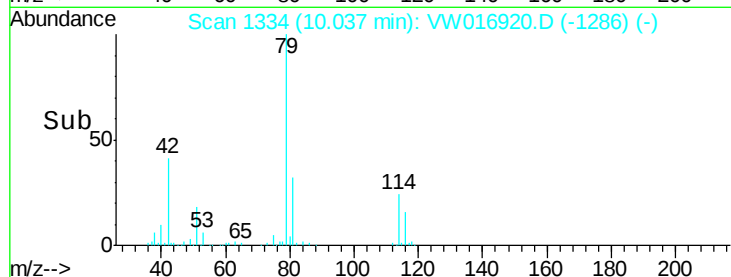
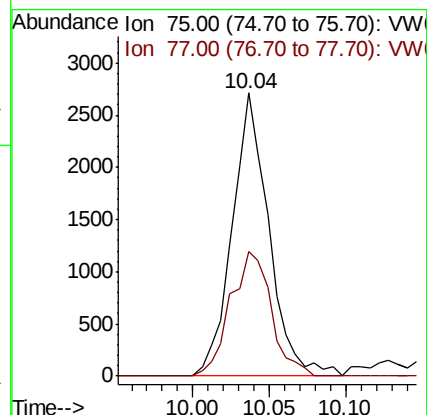
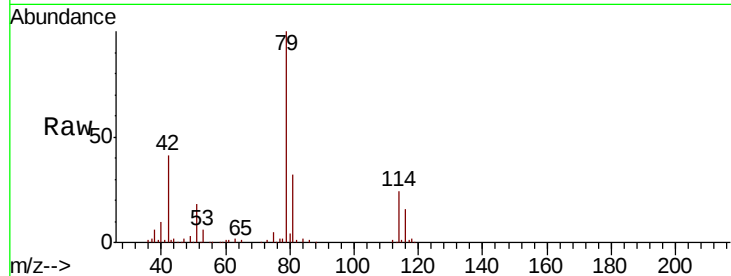
VIBLK14

Tot Ion: 75 Resp: 4511

Ion Ratio Lower Upper

75 100

77 43.8 22.1 41.1#



#43

4-Methyl-2-pentanone

Concen: 0.788 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016920.D

Acq: 15 Oct 2020 18:30

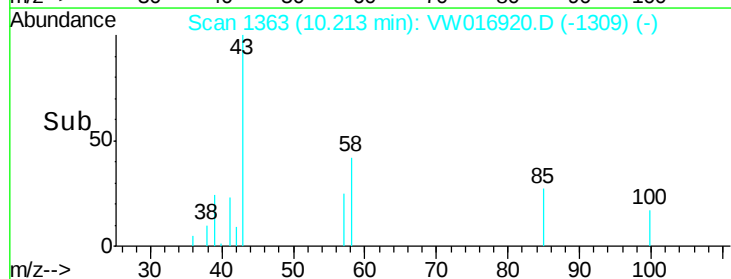
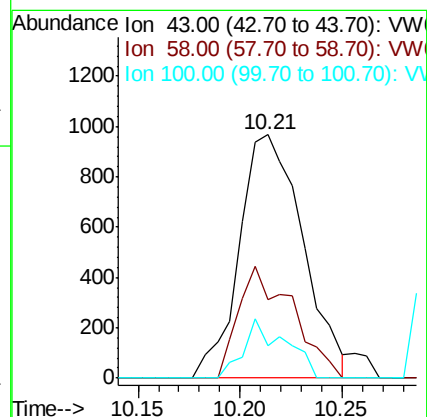
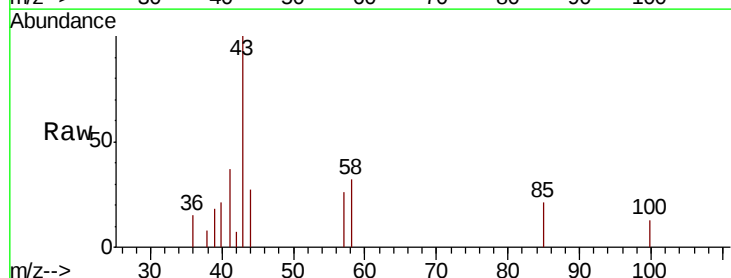
Tgt Ion: 43 Resp: 2090

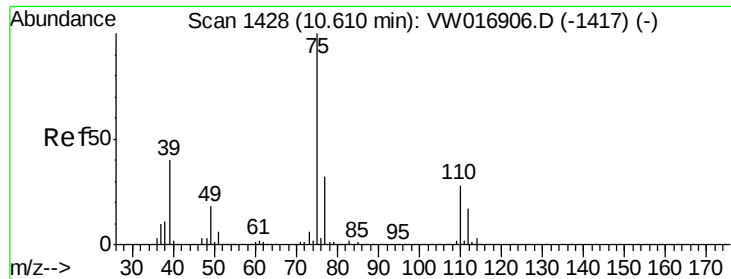
Ion Ratio Lower Upper

43 100

58 21.5 34.7 52.1#

100 8.9 16.9 25.3#





#45

trans-1,3-Dichloropropene

Concen: 0.366 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016920.D

Acq: 15 Oct 2020 18:30

Instrument :

MSVOA_W

ClientSampled :

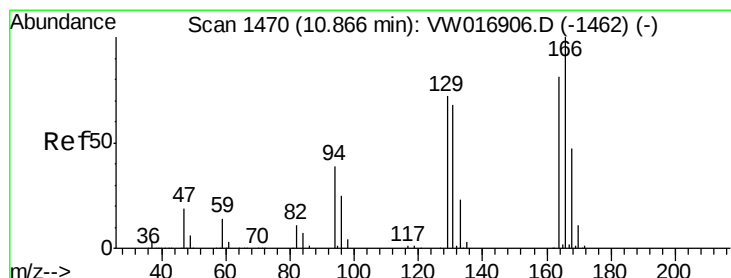
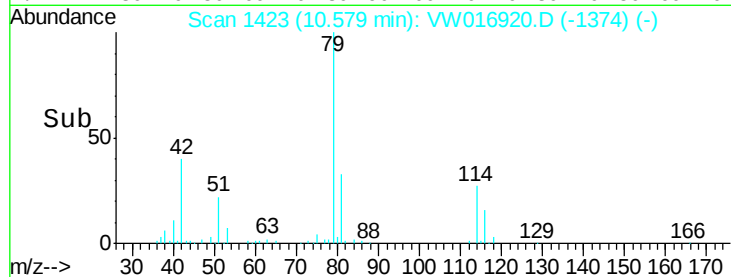
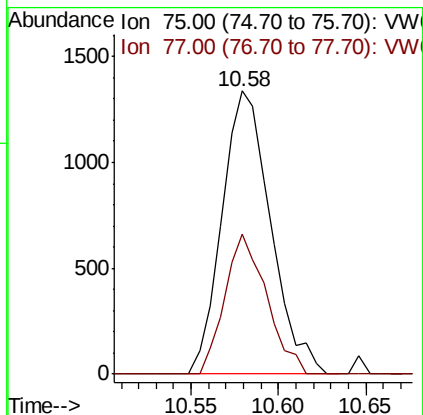
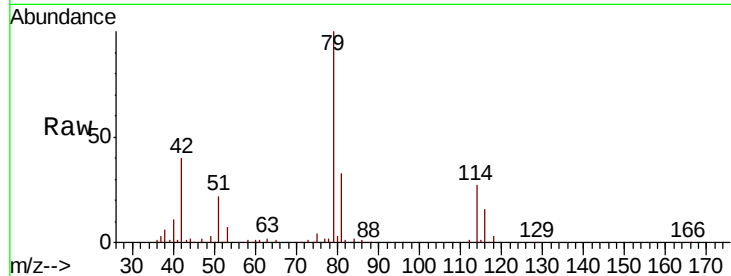
VIBLK14

Tot Ion: 75 Resp: 2588

Ion Ratio Lower Upper

75 100

77 49.3 22.2 41.2#



#47

Tetrachloroethene

Concen: 9.120 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016920.D

Acq: 15 Oct 2020 18:30

Tgt Ion: 164 Resp: 55753

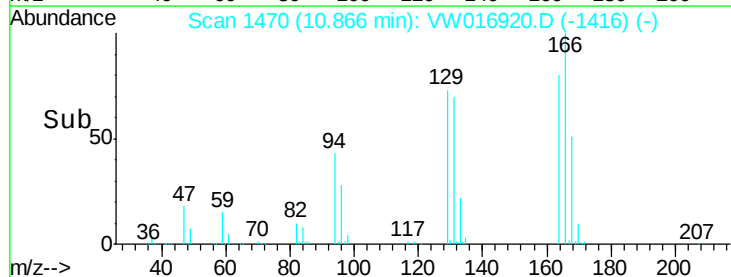
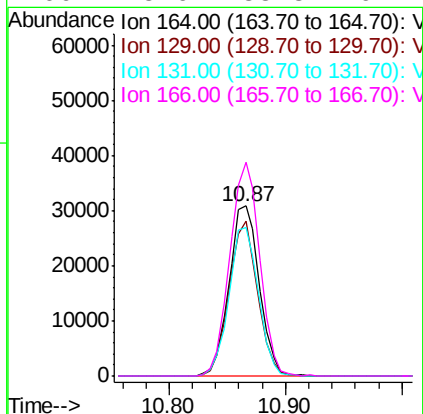
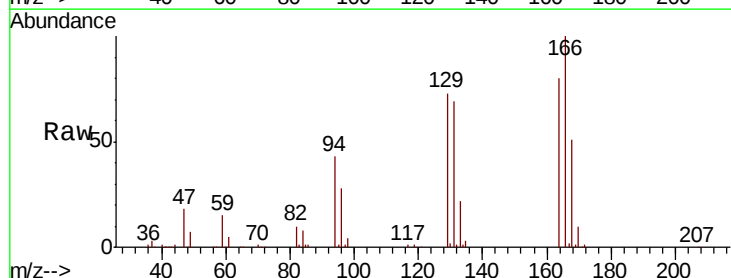
Ion Ratio Lower Upper

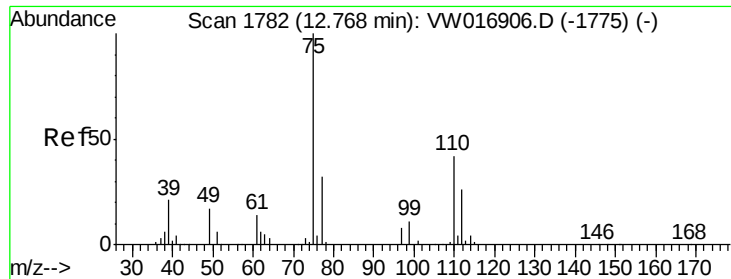
164 100

129 91.2 61.7 114.7

131 87.3 59.7 110.9

166 125.6 88.3 164.1





#59

1,2,3-Trichloropropane

Concen: 6.258 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016920.D

Acq: 15 Oct 2020 18:30

Instrument :

MSVOA_W

ClientSampleId :

VIBLK14

Tot Ion: 75 Resp: 21470

Ion Ratio Lower Upper

75 100

77 37.7 26.2 39.2

