

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100820\
 Data File : VW016841.D
 Acq On : 07 Oct 2020 18:45
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK23

Quant Time: Oct 08 08:41:51 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	530345	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	476636	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225054	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107228	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	2.89	69	88330	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
10) 1,1-Dichloroethene-d2	4.03	63	154562	13.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.64%
20) 2-Butanone-d5	7.09	46	44028	37.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.30%
24) Chloroform-d	7.65	84	219485	19.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.44%
26) 1,2-Dichloroethane-d4	8.31	65	109800	20.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.24%
29) Benzene-d6	8.28	84	448402	20.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.84%
33) 1,2-Dichloropropane-d6	9.27	67	121514	20.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.56%
37) Toluene-d8	10.33	98	421322	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.52%
38) trans-1,3-Dichloropropene-	10.58	79	48286	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.28%
39) 2-Hexanone-d5	10.93	63	35725	39.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95564	20.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	152102	21.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.24%

Target Compounds

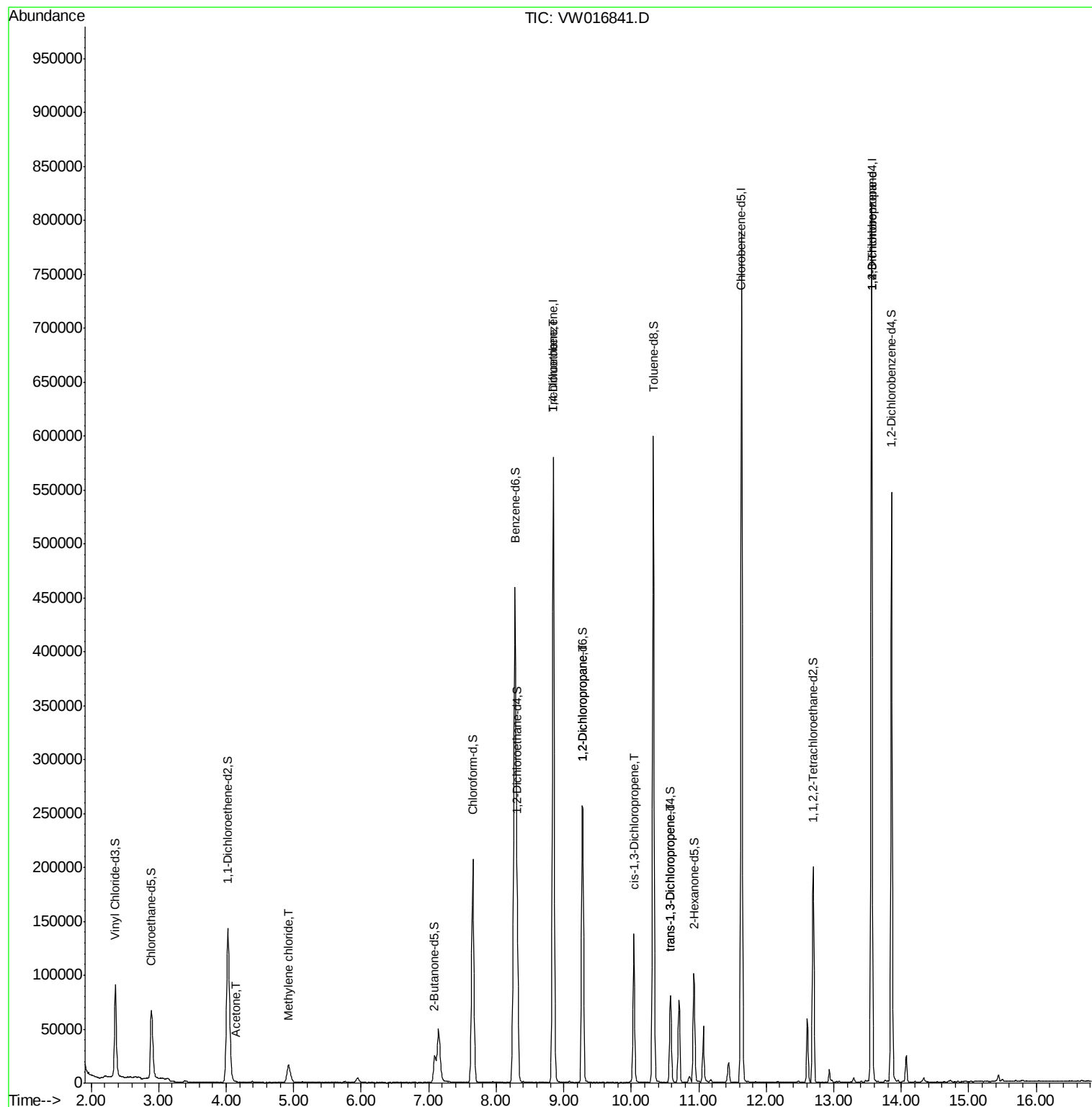
					Ovalue
13) Acetone	4.15	43	551	0.614 ug/L	92
16) Methylene chloride	4.92	84	15274	2.087 ug/L	90
35) Trichloroethene	8.85	95	14980	2.069 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	13665	2.361 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3304	0.358 ug/L #	74
45) trans-1,3-Dichloropropene	10.59	75	2308	0.297 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	22674	6.019 ug/L	90

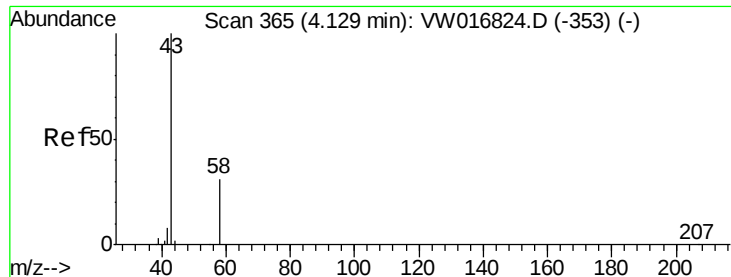
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 0.614 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW016841.D

Acq: 07 Oct 2020 18:45

Instrument :

MSVOA_W

ClientSampled :

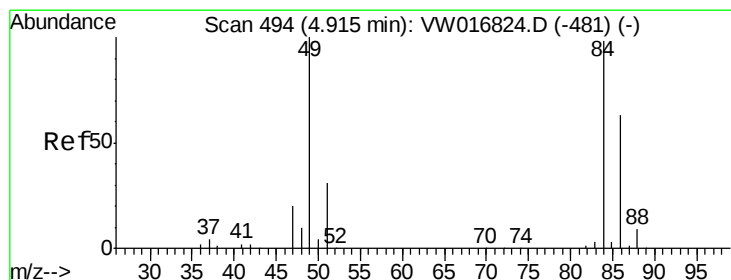
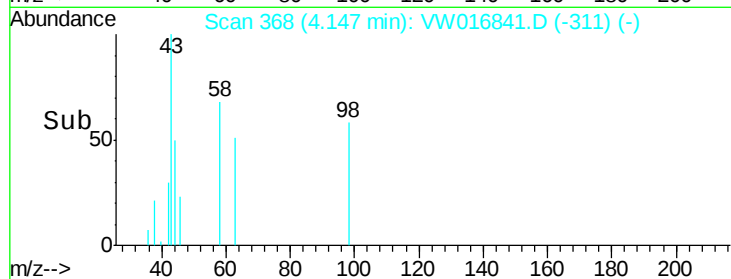
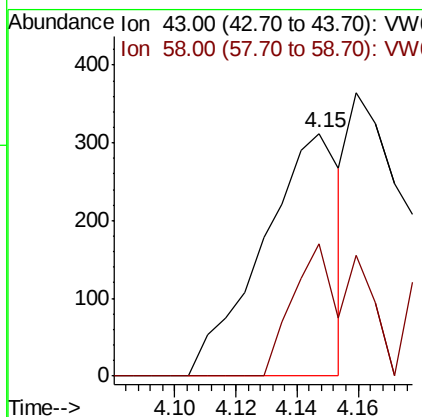
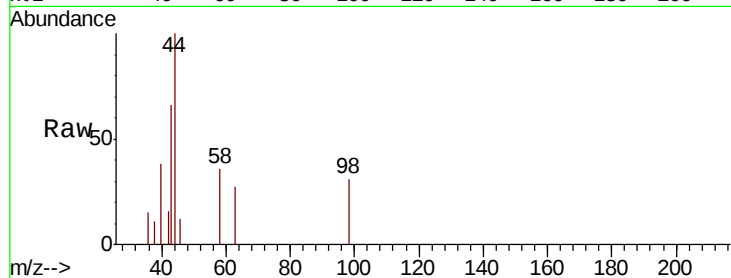
VIBLK23

Tot Ion: 43 Resp: 551

Ion Ratio Lower Upper

43 100

58 29.2 0.0 67.6



#16

Methylene chloride

Concen: 2.087 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016841.D

Acq: 07 Oct 2020 18:45

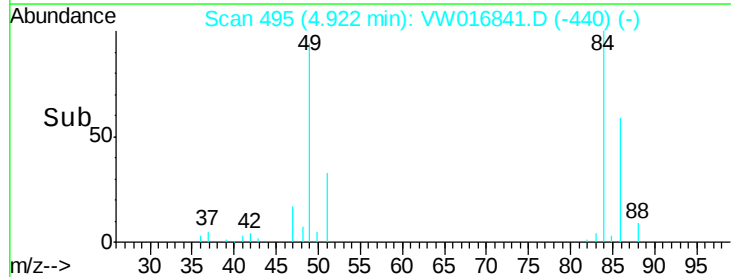
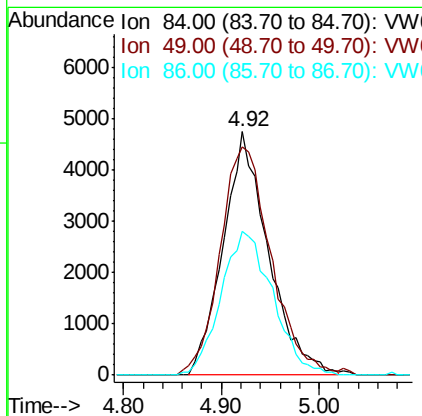
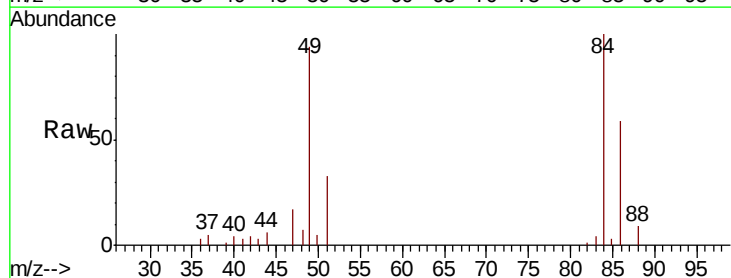
Tgt Ion: 84 Resp: 15274

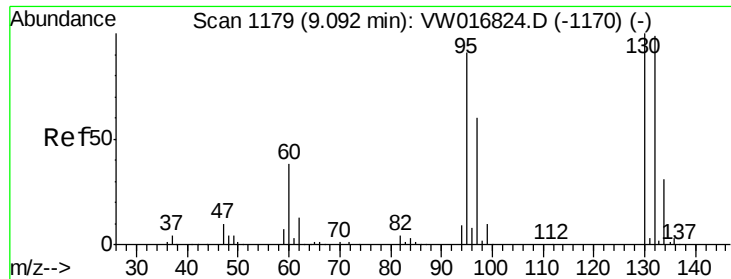
Ion Ratio Lower Upper

84 100

49 93.9 73.1 135.8

86 59.0 46.0 85.4





#35

Trichloroethene

Concen: 2.069 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016841.D

Acq: 07 Oct 2020 18:45

Instrument :

MSVOA_W

ClientSampleId :

VIBLK23

Tot Ion: 95 Resp: 14980

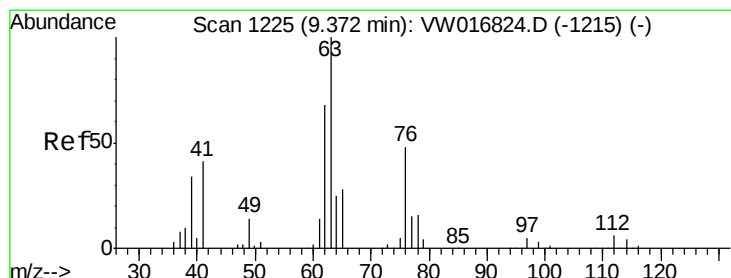
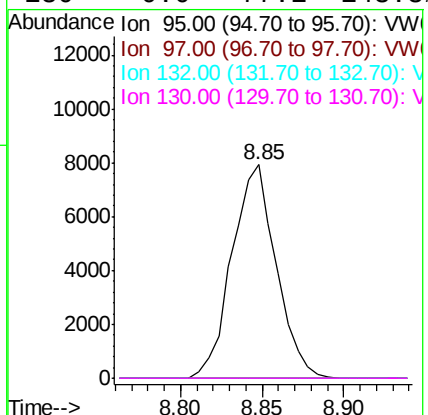
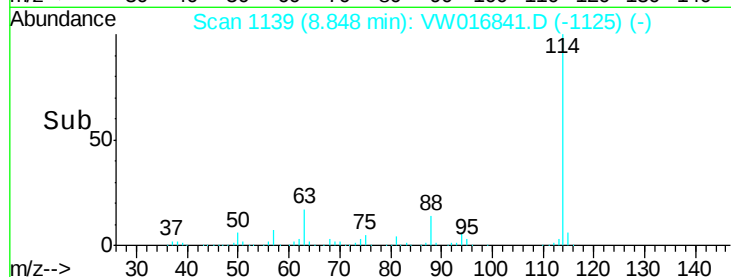
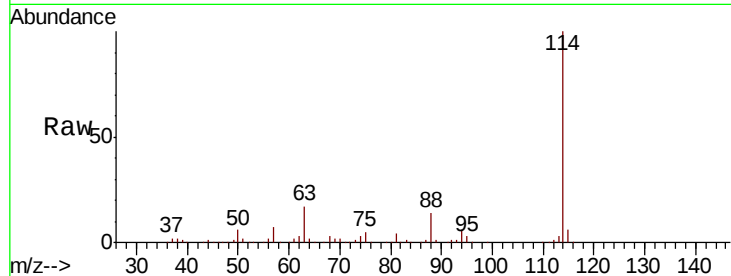
Ion Ratio Lower Upper

95 100

97 0.3 44.7 83.1#

132 0.3 73.8 137.2#

130 0.0 77.1 143.3#



#40

1,2-Dichloropropane

Concen: 2.361 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016841.D

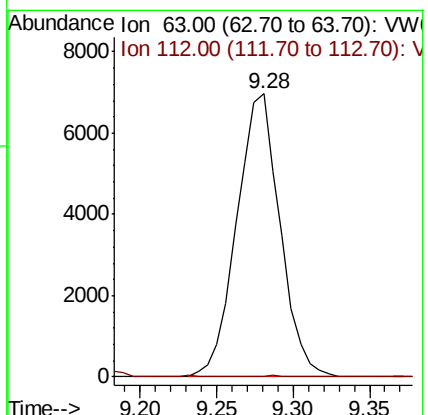
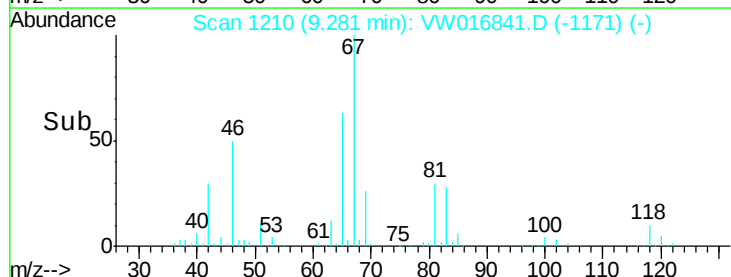
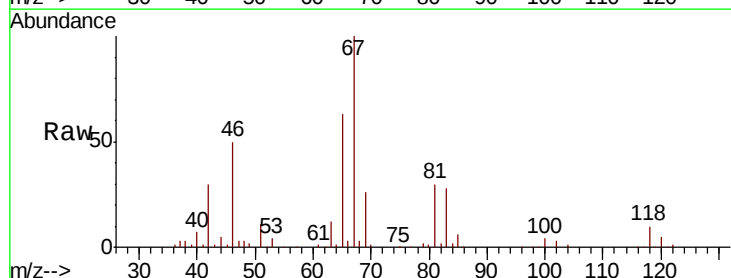
Acq: 07 Oct 2020 18:45

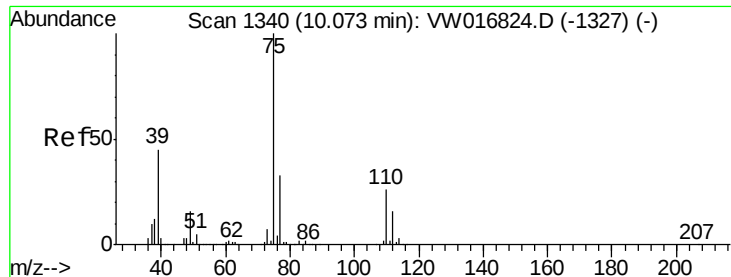
Tgt Ion: 63 Resp: 13665

Ion Ratio Lower Upper

63 100

112 1.1 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.358 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016841.D

Acq: 07 Oct 2020 18:45

Instrument :

MSVOA_W

ClientSampleId :

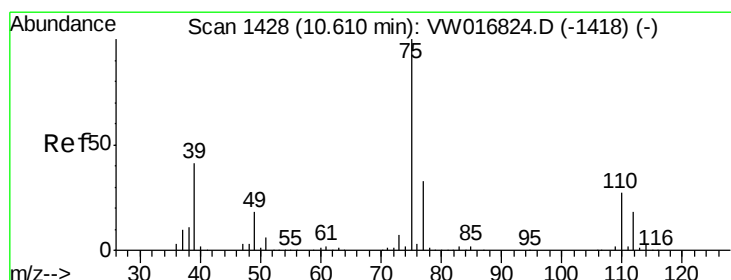
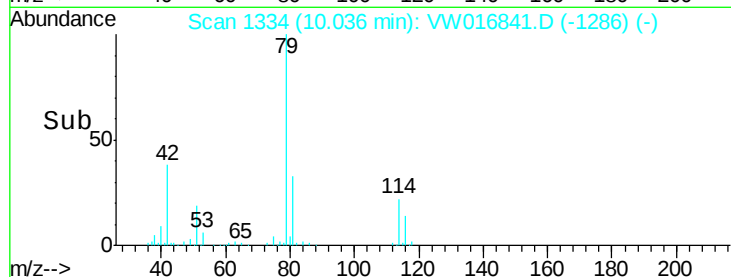
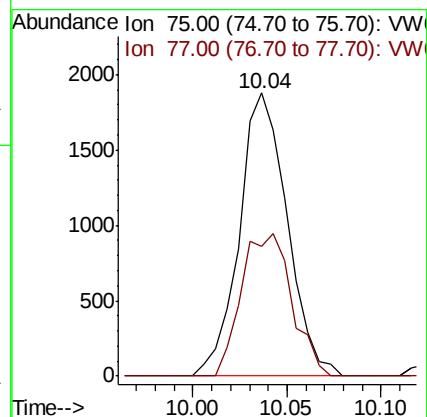
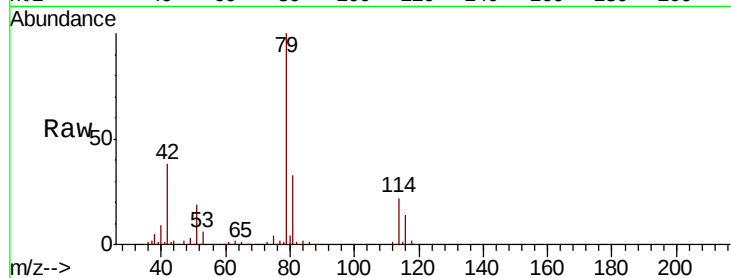
VIBLK23

Tot Ion: 75 Resp: 3304

Ion Ratio Lower Upper

75 100

77 46.0 22.1 41.1#



#45

trans-1,3-Dichloropropene

Concen: 0.297 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016841.D

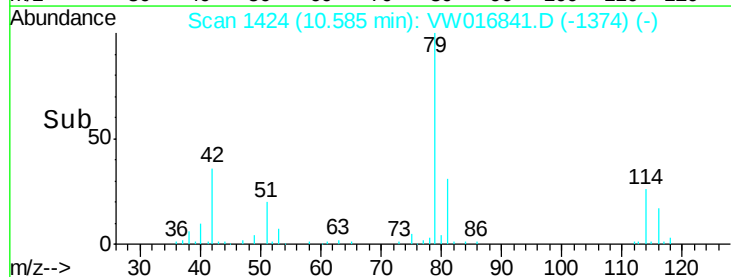
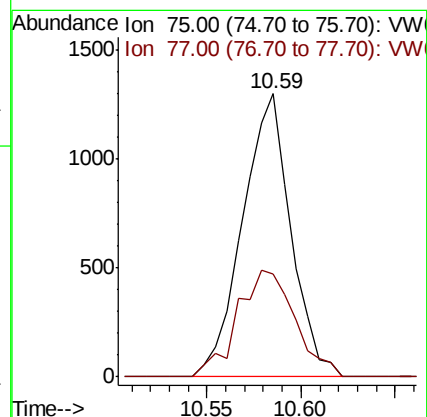
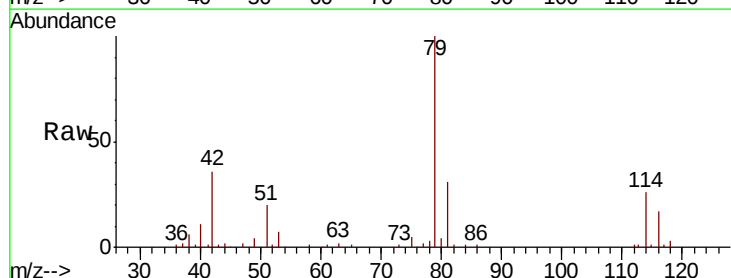
Acq: 07 Oct 2020 18:45

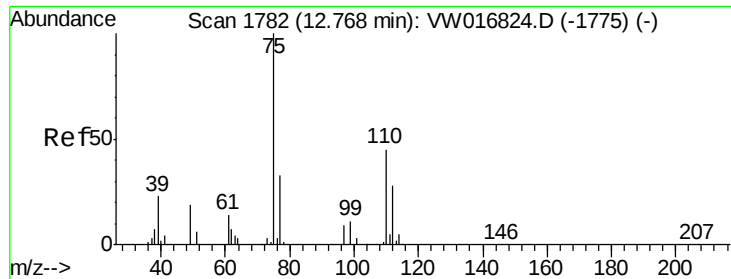
Tgt Ion: 75 Resp: 2308

Ion Ratio Lower Upper

75 100

77 36.4 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 6.019 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016841.D

Acq: 07 Oct 2020 18:45

Instrument :

MSVOA_W

ClientSampleId :

VIBLK23

Tot Ion: 75 Resp: 22674

Ion Ratio Lower Upper

75 100

77 38.3 26.2 39.2

