

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017914.D
 Acq On : 15 Jan 2021 21:41
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK27

Quant Time: Jan 18 02:11:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383417	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353372	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	171690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116102	19.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.28%
7) Chloroethane-d5	2.89	69	106758	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
10) 1,1-Dichloroethene-d2	4.02	63	169043	16.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.09	46	55939	58.18	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.36%
24) Chloroform-d	7.65	84	245229	24.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.92%
26) 1,2-Dichloroethane-d4	8.31	65	137197	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.84%
29) Benzene-d6	8.27	84	479384	24.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.32%
33) 1,2-Dichloropropane-d6	9.27	67	138785	25.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.16%
37) Toluene-d8	10.32	98	436217	22.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.28%
38) trans-1,3-Dichloropropene-	10.58	79	52500	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.88%
39) 2-Hexanone-d5	10.93	63	39720	57.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107521	26.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	149602	25.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.08%

Target Compounds

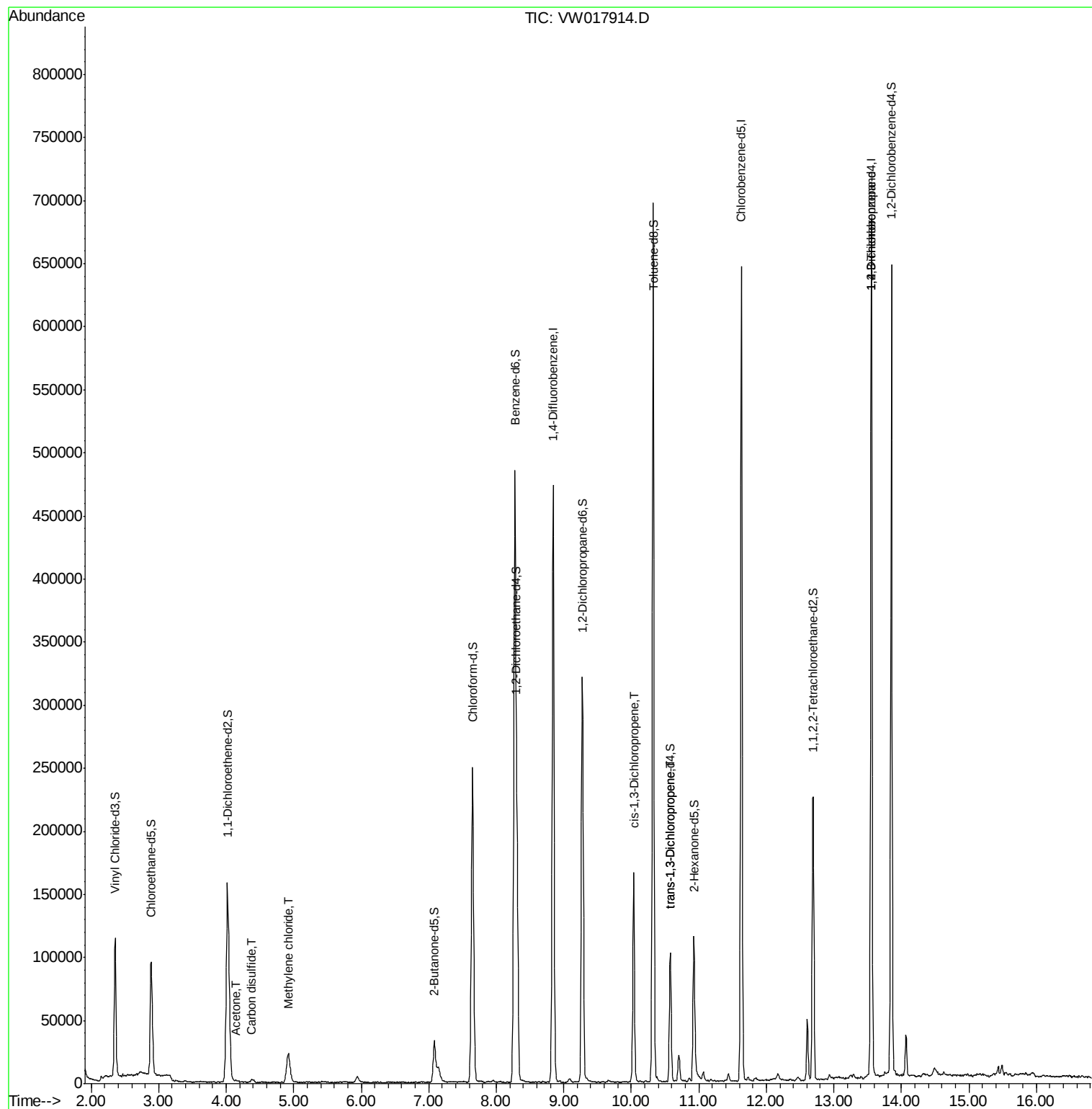
					Ovalue
13) Acetone	4.14	43	2009	2.420 ug/L	77
14) Carbon disulfide	4.38	76	3224	0.228 ug/L #	92
16) Methylene chloride	4.91	84	9056	1.652 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	4860	0.639 ug/L #	73
45) trans-1,3-Dichloropropene	10.58	75	3217	0.496 ug/L	93
59) 1,2,3-Trichloropropane	13.55	75	24189	8.316 ug/L	95

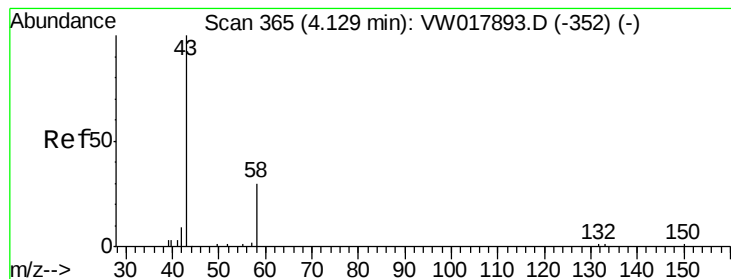
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.420 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017914.D

Acq: 15 Jan 2021 21:41

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ClientSampleId :

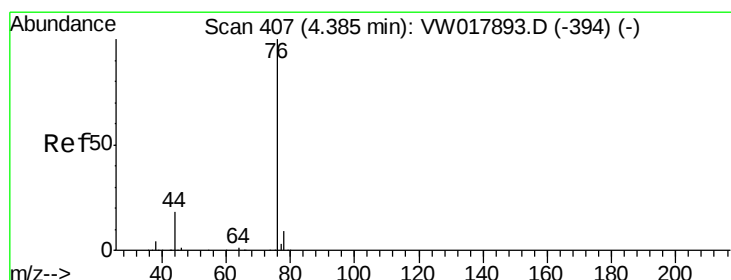
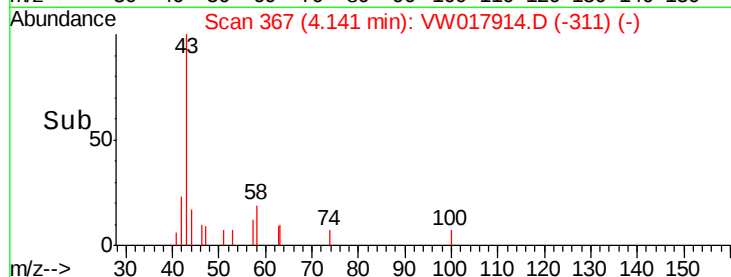
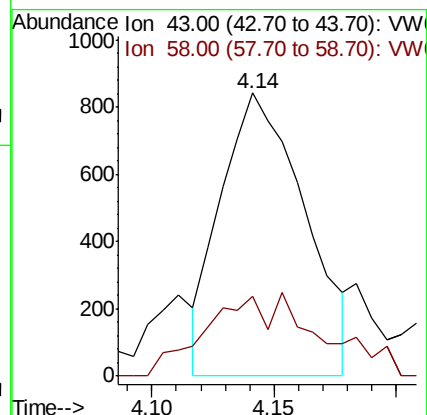
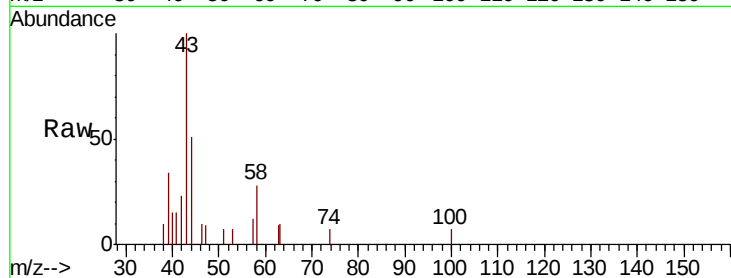
VIBLK27

Tot Ion: 43 Resp: 2009

Ion Ratio Lower Upper

43 100

58 21.2 0.0 68.4



#14

Carbon disulfide

Concen: 0.228 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW017914.D

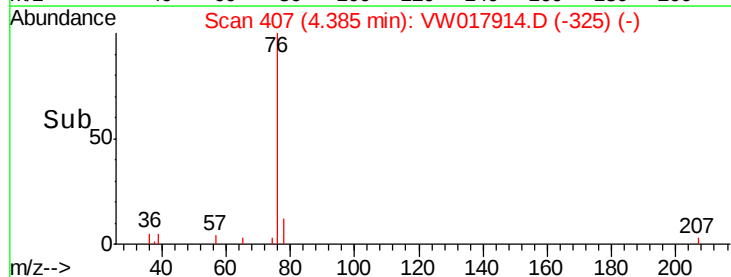
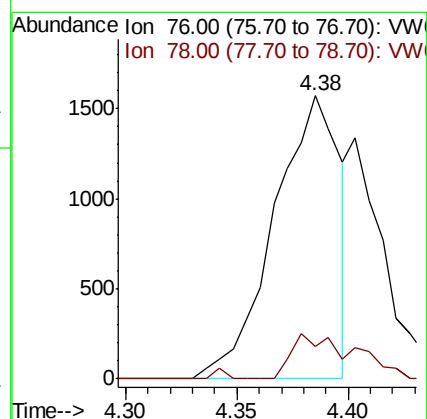
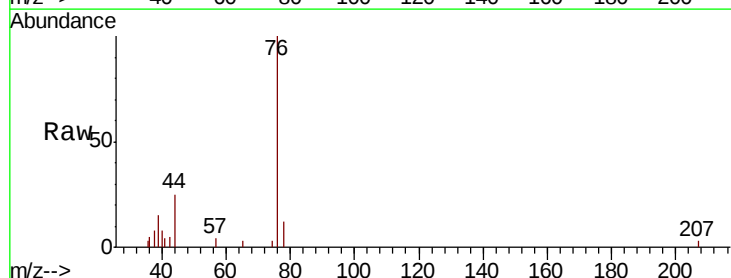
Acq: 15 Jan 2021 21:41

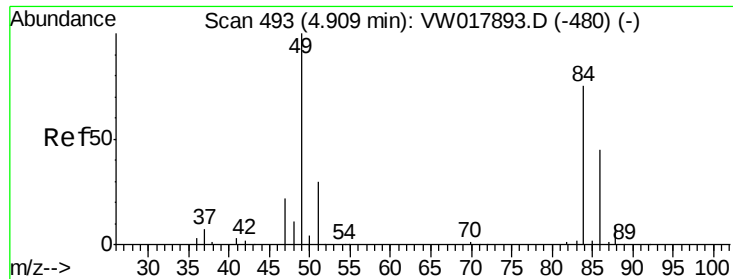
Tgt Ion: 76 Resp: 3224

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.4#

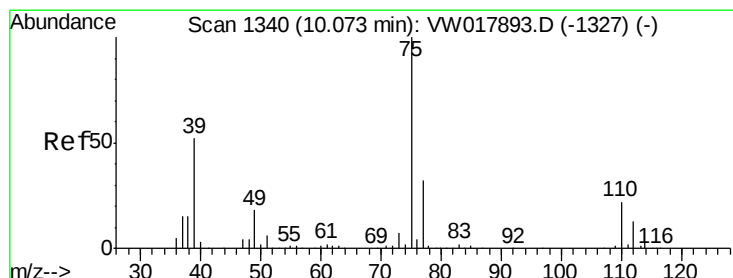
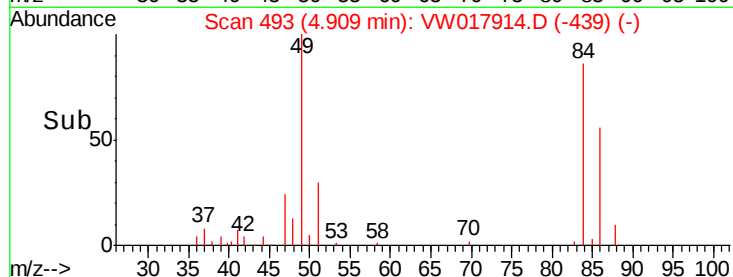
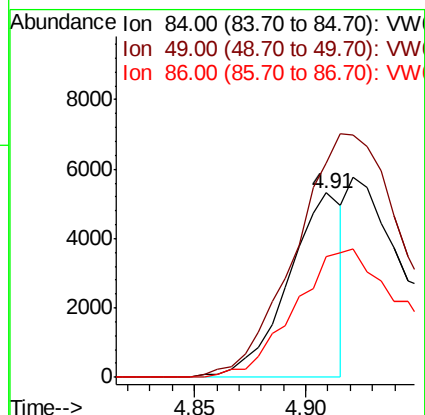
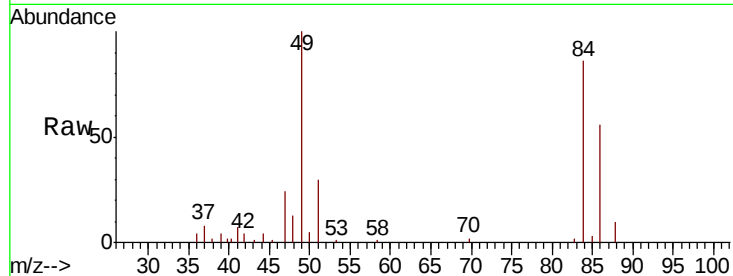




#16
Methylene chloride
Concen: 1.652 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW017914.D
Acq: 15 Jan 2021 21:41

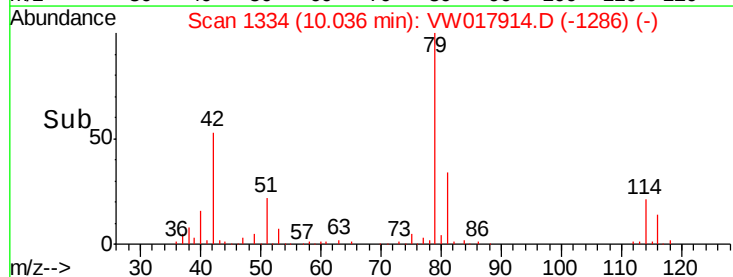
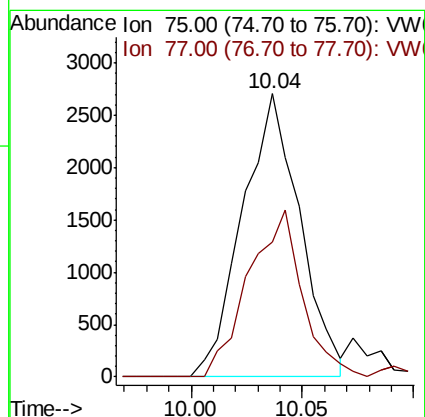
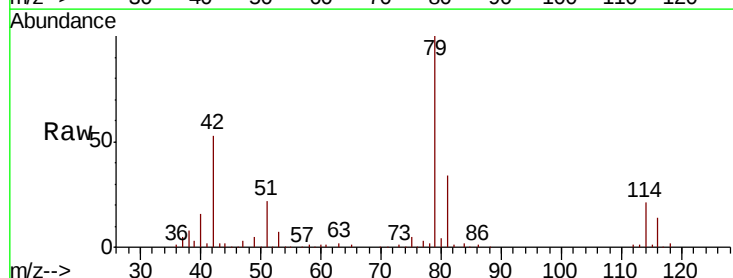
Instrument :
MSVOA_W
ClientSampled :
VIBLK27

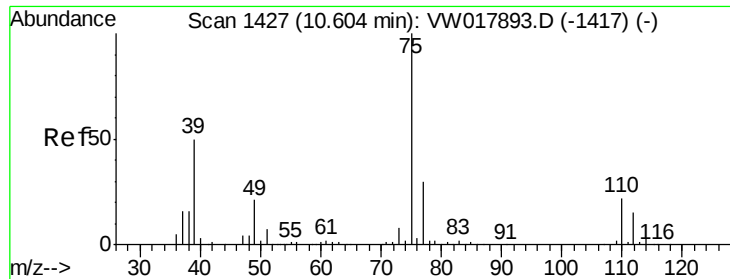
Tot Ion: 84 Resp: 9056
Ion Ratio Lower Upper
84 100
49 116.2 81.2 150.8
86 65.2 44.5 82.7



#42
cis-1,3-Dichloropropene
Concen: 0.639 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017914.D
Acq: 15 Jan 2021 21:41

Tgt Ion: 75 Resp: 4860
Ion Ratio Lower Upper
75 100
77 47.7 22.7 42.3#





#45

trans-1,3-Dichloropropene

Concen: 0.496 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017914.D

Acq: 15 Jan 2021 21:41

Instrument :

MSVOA_W

ClientSampleId :

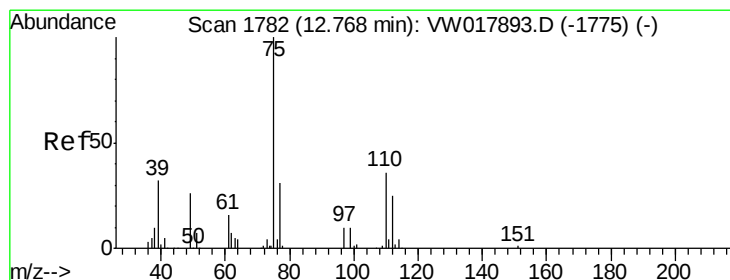
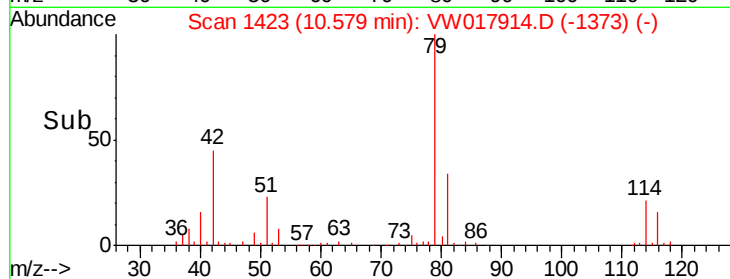
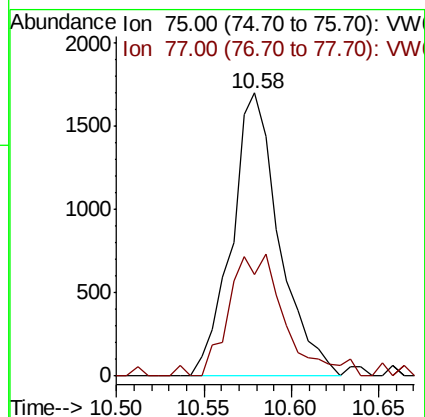
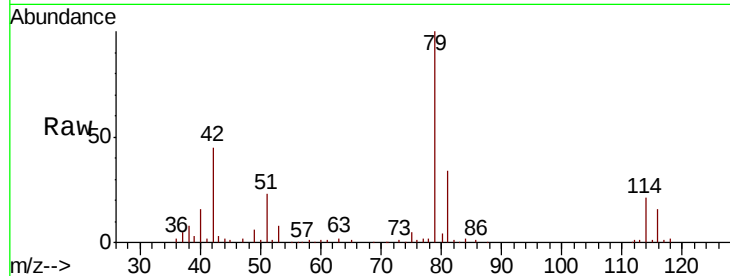
VIBLK27

Tot Ion: 75 Resp: 3217

Ion Ratio Lower Upper

75 100

77 36.1 22.6 42.0



#59

1,2,3-Trichloropropane

Concen: 8.316 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017914.D

Acq: 15 Jan 2021 21:41

Tgt Ion: 75 Resp: 24189

Ion Ratio Lower Upper

75 100

77 36.0 26.6 39.8

