

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101520\
 Data File : VW016899.D
 Acq On : 14 Oct 2020 11:56
 Operator : SY/VA
 Sample : VW1015SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK28

Quant Time: Oct 15 08:36:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 15 08:29:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	496047	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	448210	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212368	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	114840	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
7) Chloroethane-d5	2.89	69	97126	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
10) 1,1-Dichloroethene-d2	4.02	63	177960	17.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.52%
20) 2-Butanone-d5	7.07	46	65184	58.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.62%
24) Chloroform-d	7.65	84	266424	25.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	8.31	65	135987	26.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.60%
29) Benzene-d6	8.27	84	532134	26.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.56%
33) 1,2-Dichloropropane-d6	9.27	67	149586	27.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.36%
37) Toluene-d8	10.32	98	494810	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.04%
38) trans-1,3-Dichloropropene-	10.58	79	62445	25.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.52%
39) 2-Hexanone-d5	10.93	63	53714	63.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129901	29.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	188980	28.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.24%

Target Compounds

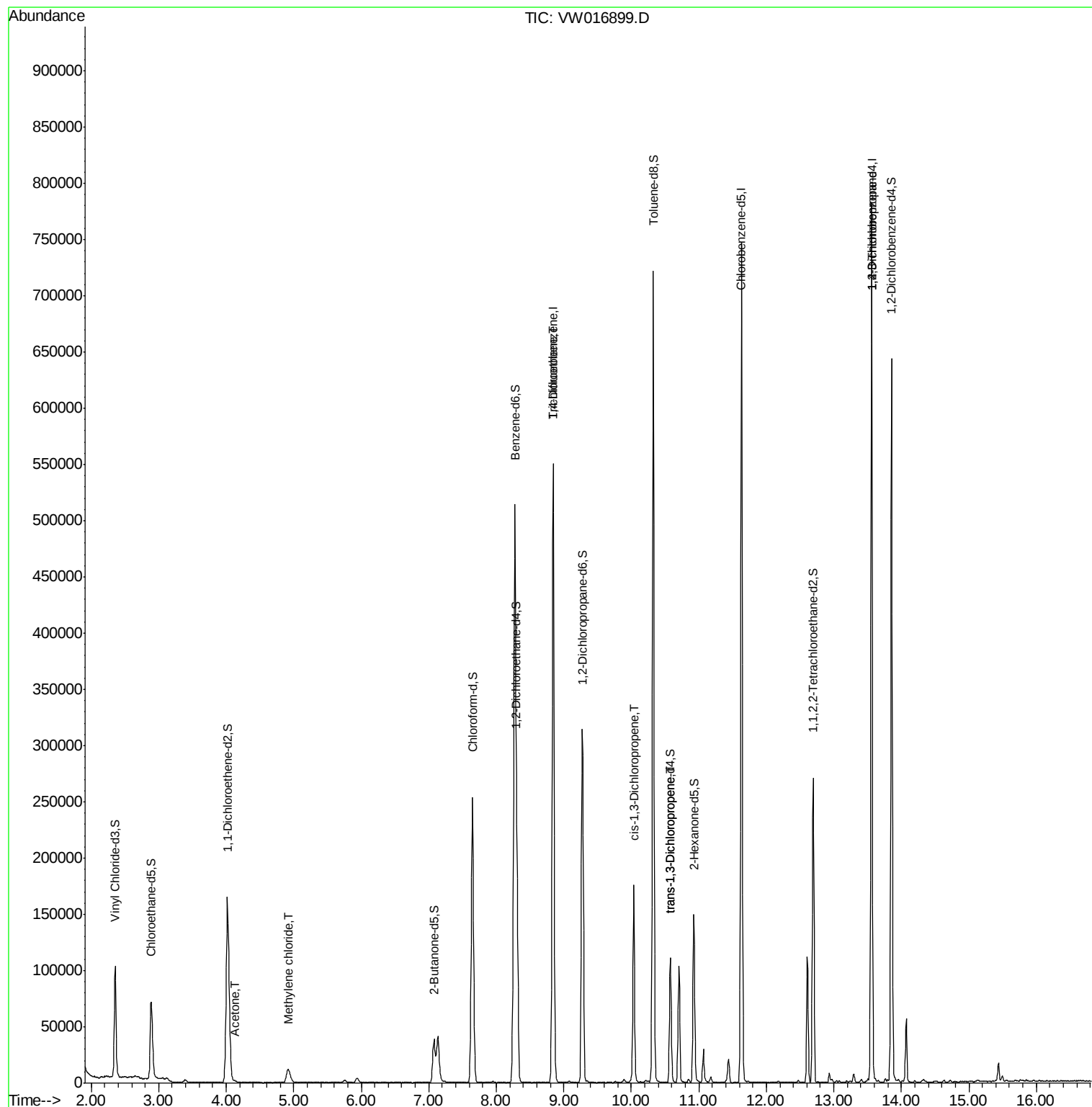
					Ovalue
13) Acetone	4.12	43	1621	1.933 ug/L	72
16) Methylene chloride	4.91	84	11981	1.750 ug/L	98
35) Trichloroethene	8.84	95	14739	2.165 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4541	0.523 ug/L #	54
45) trans-1,3-Dichloropropene	10.58	75	2826	0.387 ug/L #	69
59) 1,2,3-Trichloropropane	13.56	75	21458	6.058 ug/L	91

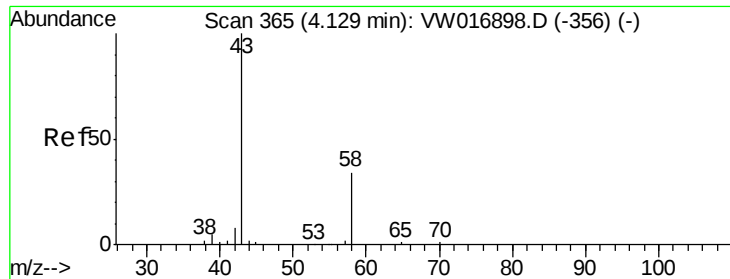
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 15 08:29:28 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.933 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016899.D

Acq: 14 Oct 2020 11:56

Instrument :

MSVOA_W

ClientSampleId :

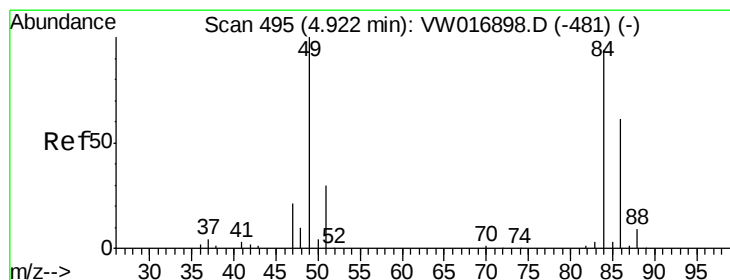
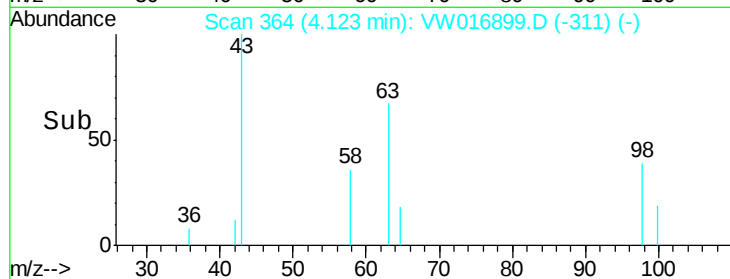
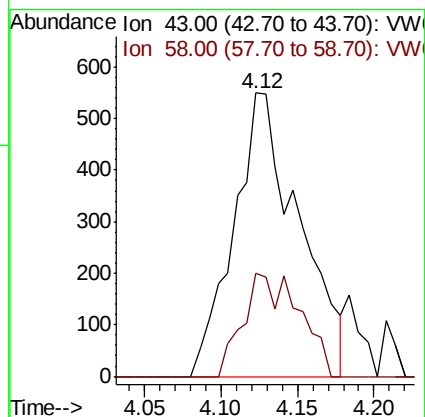
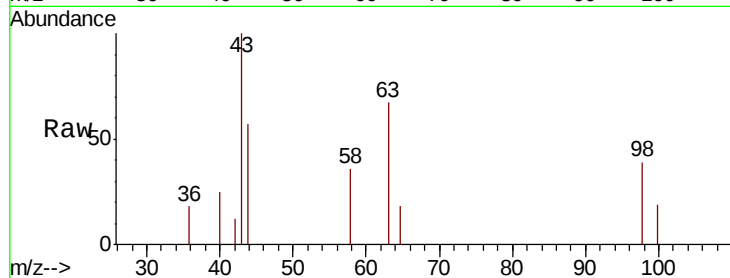
VBLK28

Tot Ion: 43 Resp: 1621

Ion Ratio Lower Upper

43 100

58 17.6 0.0 67.6



#16

Methylene chloride

Concen: 1.750 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016899.D

Acq: 14 Oct 2020 11:56

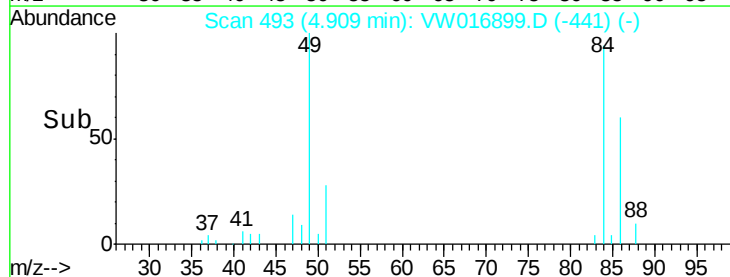
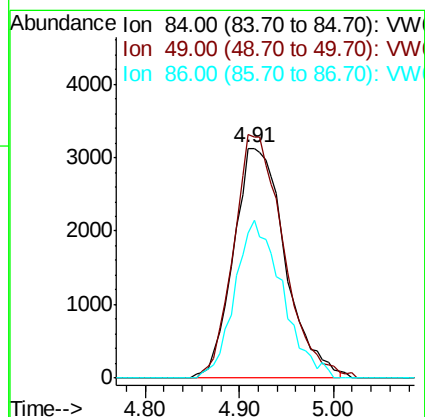
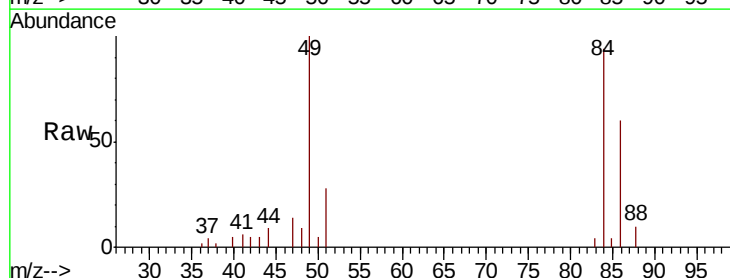
Tgt Ion: 84 Resp: 11981

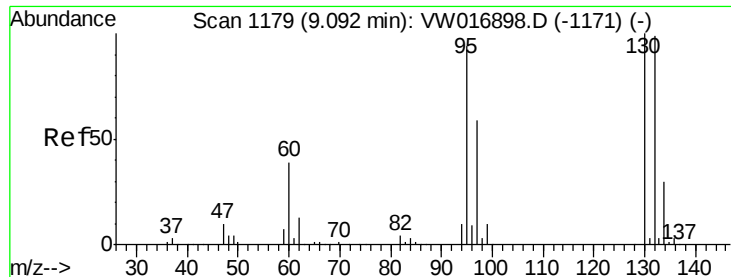
Ion Ratio Lower Upper

84 100

49 106.1 73.1 135.8

86 63.4 46.0 85.4





#35

Trichloroethene

Concen: 2.165 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016899.D

Acq: 14 Oct 2020 11:56

Instrument :

MSVOA_W

ClientSampled :

VBLK28

Tot Ion: 95 Resp: 14739

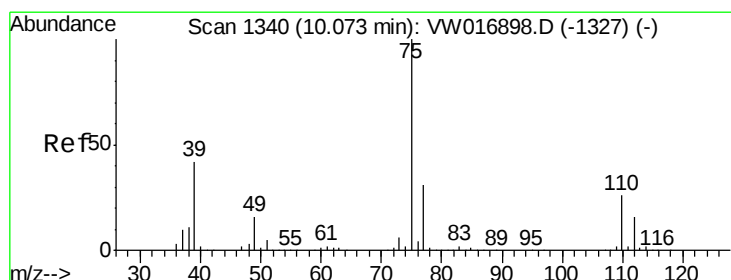
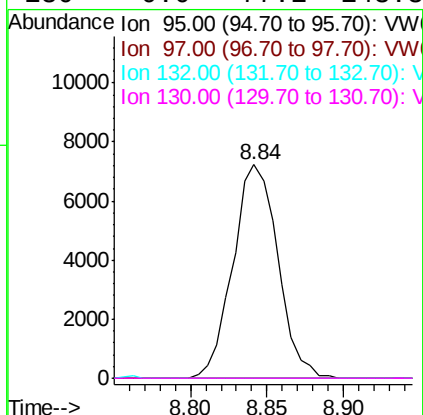
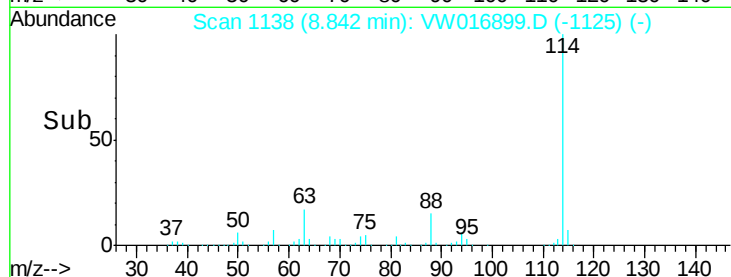
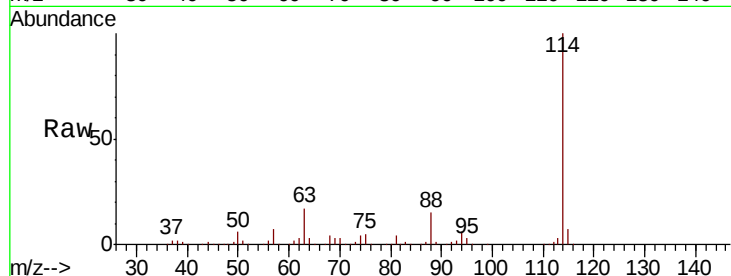
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#



#42

cis-1,3-Dichloropropene

Concen: 0.523 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016899.D

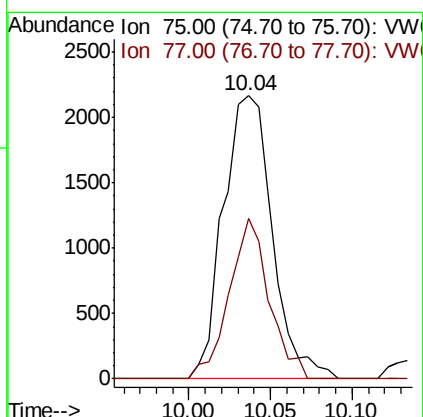
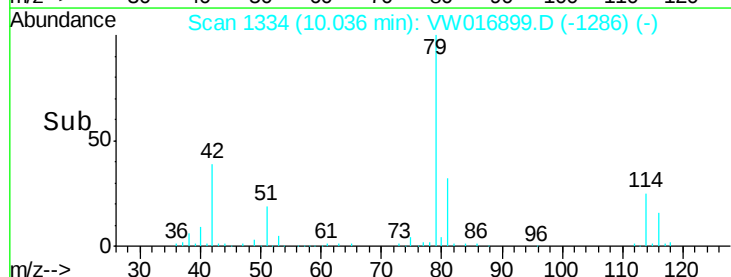
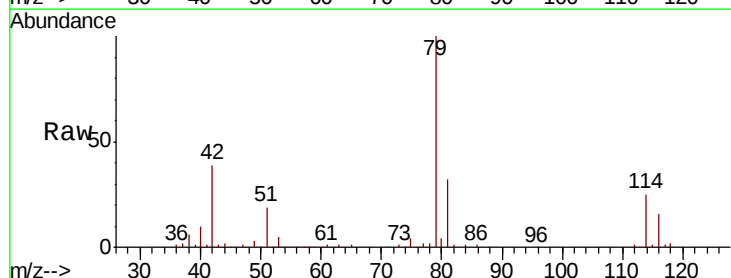
Acq: 14 Oct 2020 11:56

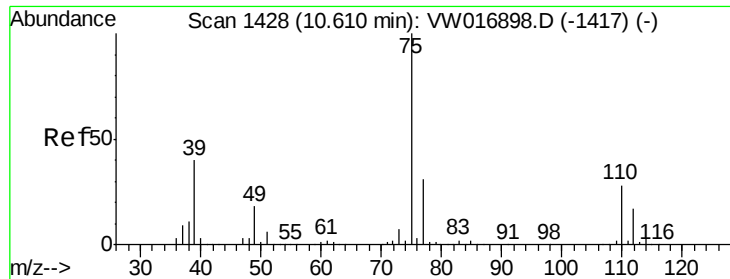
Tgt Ion: 75 Resp: 4541

Ion Ratio Lower Upper

75 100

77 56.9 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.387 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016899.D

Acq: 14 Oct 2020 11:56

Instrument :

MSVOA_W

ClientSampleId :

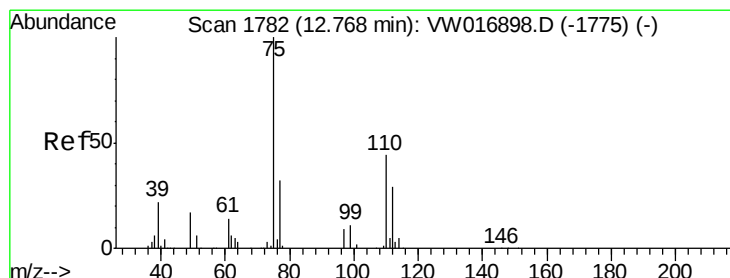
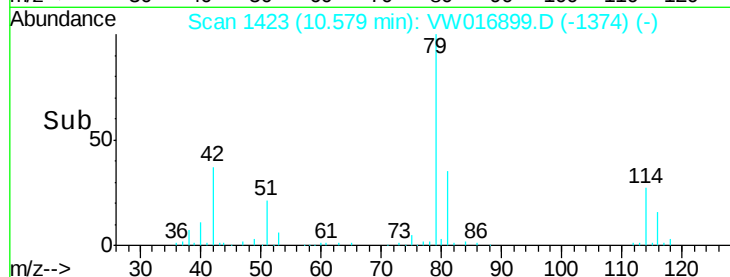
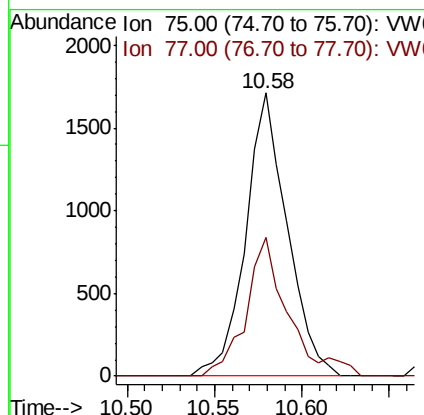
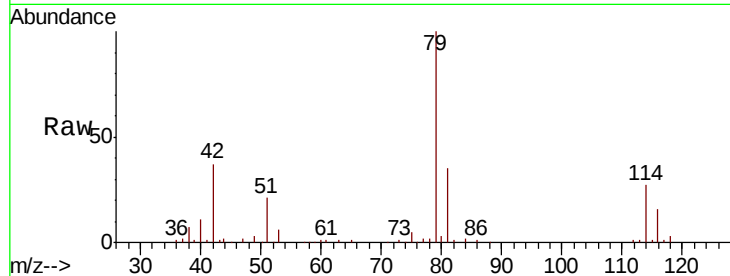
VBLK28

Tot Ion: 75 Resp: 2826

Ion Ratio Lower Upper

75 100

77 49.2 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 6.058 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016899.D

Acq: 14 Oct 2020 11:56

Tgt Ion: 75 Resp: 21458

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

