

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017894.D
 Acq On : 15 Jan 2021 13:36
 Operator : SY/VA
 Sample : VW0115SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK24

Quant Time: Jan 18 02:08:35 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	320626	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133721	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112387	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.60%
7) Chloroethane-d5	2.89	69	104173	25.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.76%
10) 1,1-Dichloroethene-d2	4.02	63	160452	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.24%
20) 2-Butanone-d5	7.08	46	48483	60.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.60%
24) Chloroform-d	7.65	84	225023	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	8.30	65	125985	29.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.20%
29) Benzene-d6	8.27	84	435263	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	9.27	67	125040	27.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.12%
37) Toluene-d8	10.32	98	398128	25.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.52%
38) trans-1,3-Dichloropropene-	10.58	79	47647	23.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.00%
39) 2-Hexanone-d5	10.93	63	34127	60.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93723	28.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	123208	26.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.84%

Target Compounds

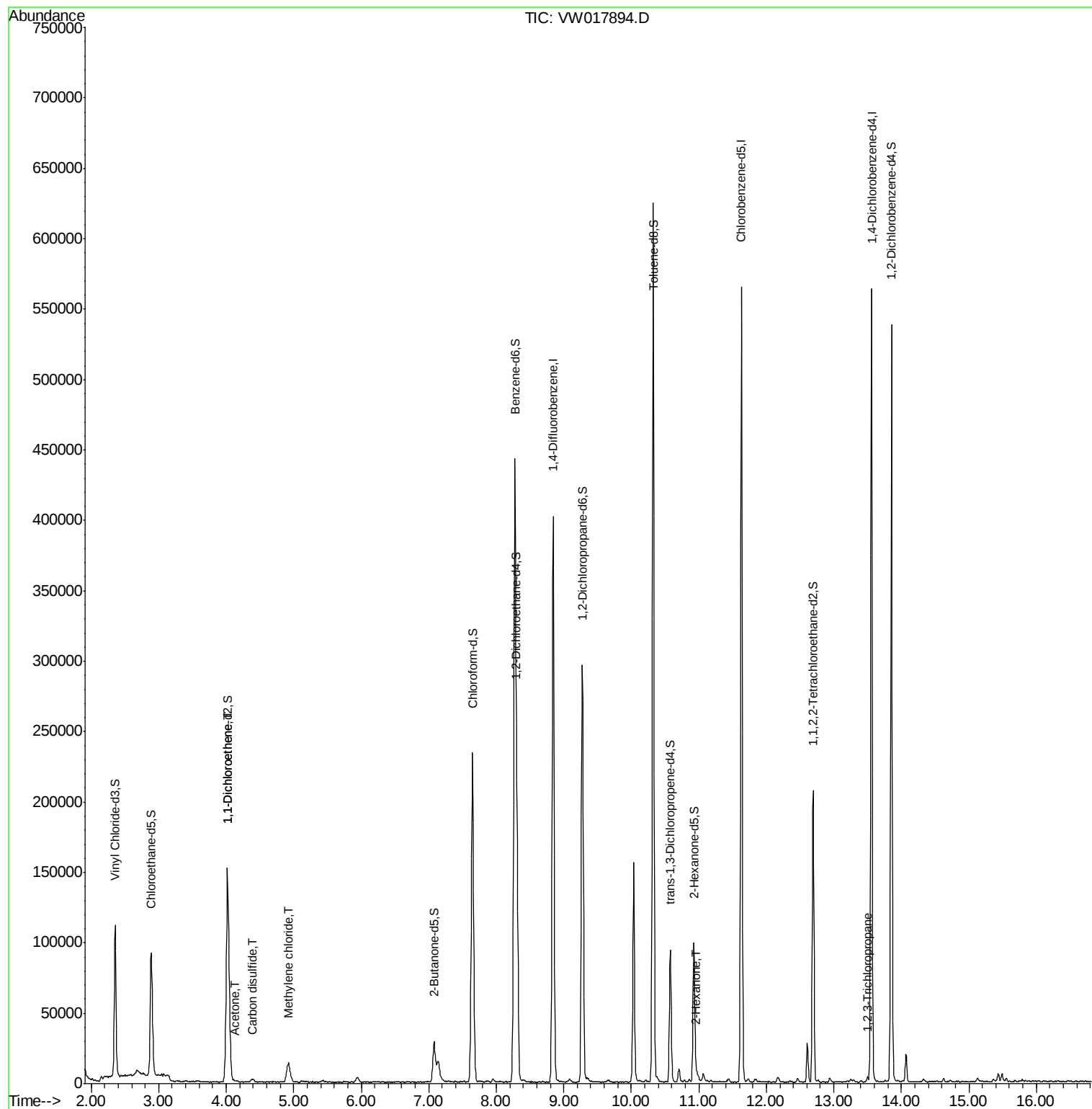
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1163	0.294 ug/L #	1
13) Acetone	4.12	43	353	0.508 ug/L	86
14) Carbon disulfide	4.39	76	4798	0.407 ug/L #	93
16) Methylene chloride	4.92	84	9332	2.035 ug/L	97
49) 2-Hexanone	10.97	43	2253	1.670 ug/L #	73
59) 1,2,3-Trichloropropane	13.50	75	499	0.209 ug/L	92

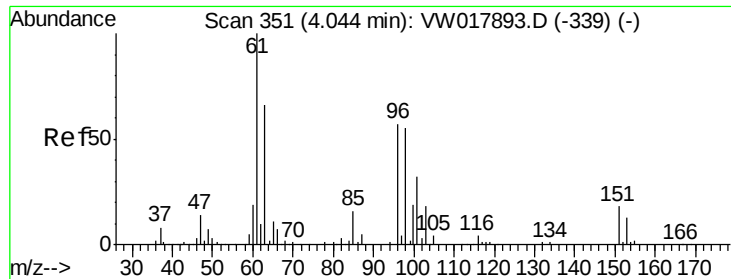
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jan 18 02:07:49 2021
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#12

1,1-Dichloroethene

Concen: 0.294 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017894.D

Acq: 15 Jan 2021 13:36

Instrument :

MSVOA_W

ClientSampled :

VBLK24

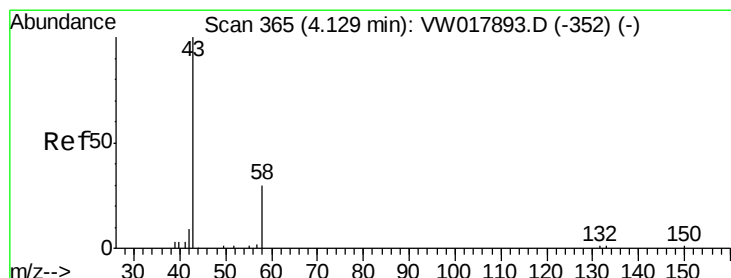
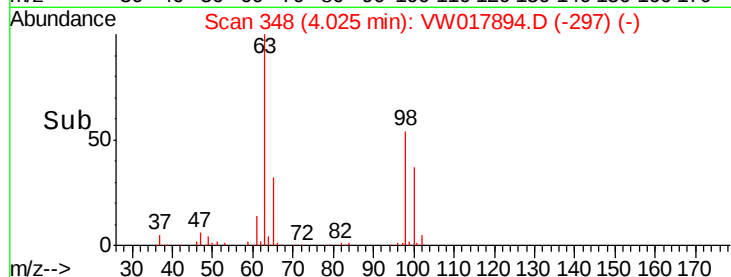
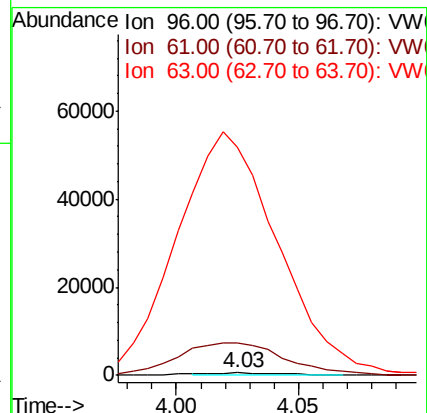
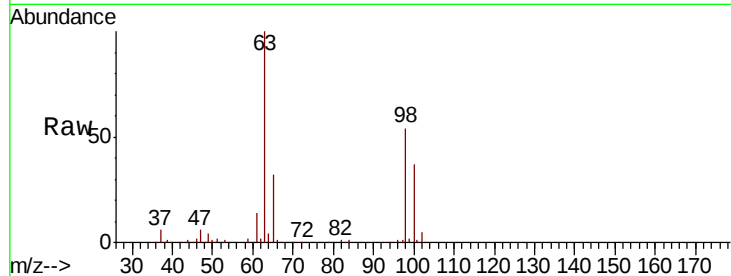
Tot Ion: 96 Resp: 1163

Ion Ratio Lower Upper

96 100

61 1285.4 112.5 208.9#

63 9244.1 83.1 154.3#



#13

Acetone

Concen: 0.508 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017894.D

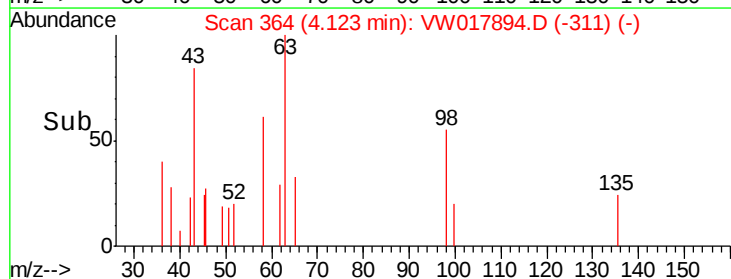
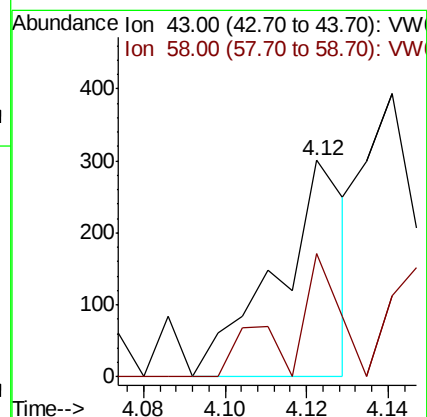
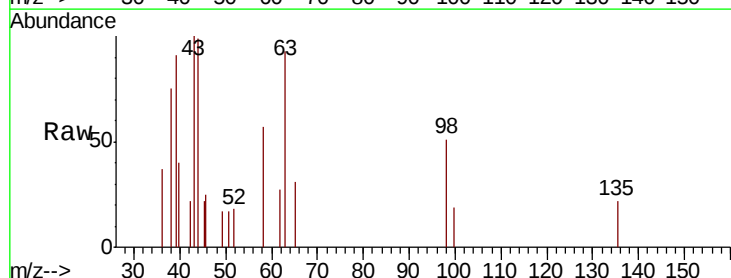
Acq: 15 Jan 2021 13:36

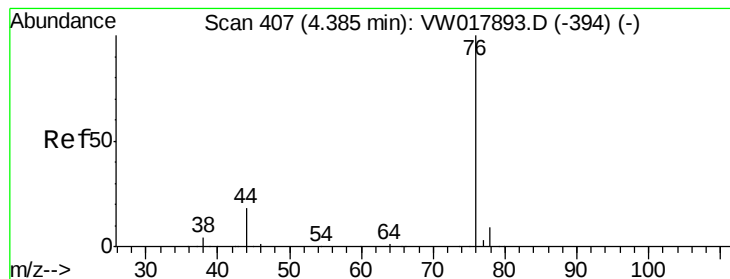
Tgt Ion: 43 Resp: 353

Ion Ratio Lower Upper

43 100

58 26.3 0.0 68.4





#14

Carbon disulfide

Concen: 0.407 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017894.D

Acq: 15 Jan 2021 13:36

Instrument :

MSVOA_W

ClientSampleId :

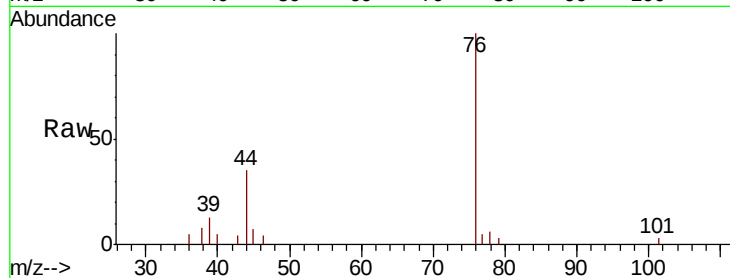
VBLK24

Tot Ion: 76 Resp: 4798

Ion Ratio Lower Upper

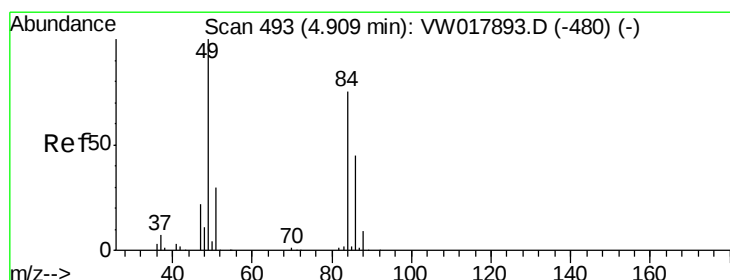
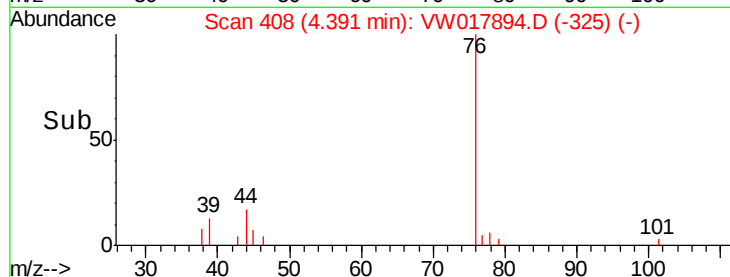
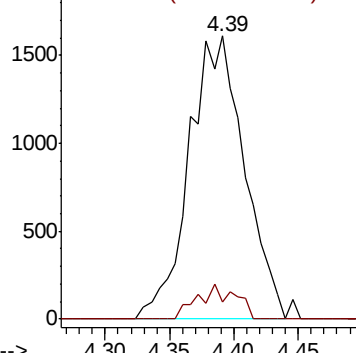
76 100

78 6.2 7.0 10.4#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 2.035 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW017894.D

Acq: 15 Jan 2021 13:36

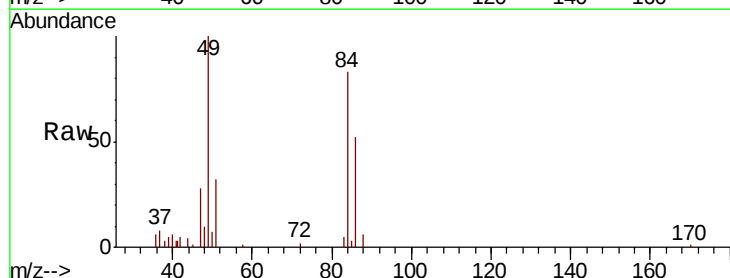
Tgt Ion: 84 Resp: 9332

Ion Ratio Lower Upper

84 100

49 120.6 81.2 150.8

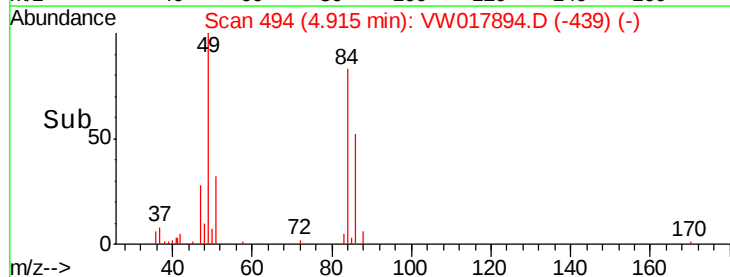
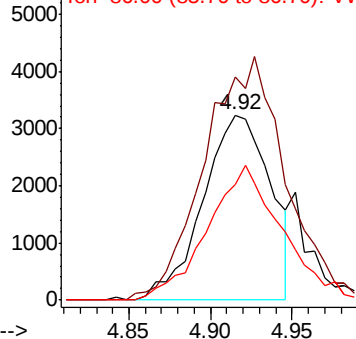
86 62.5 44.5 82.7

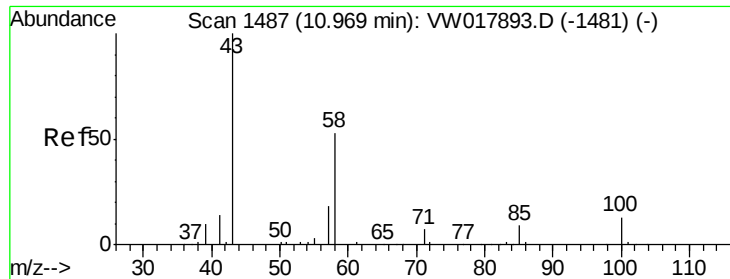


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#49

2-Hexanone

Concen: 1.670 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017894.D

Acq: 15 Jan 2021 13:36

Instrument :

MSVOA_W

ClientSampled :

VBLK24

Tot Ion: 43 Resp: 2253

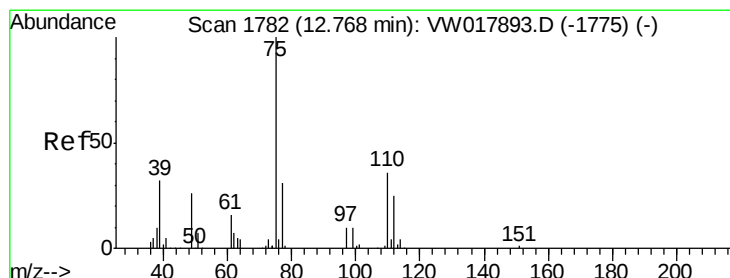
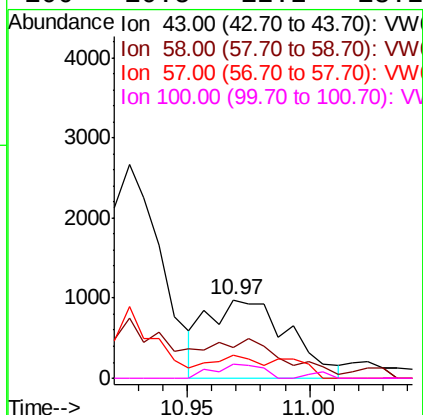
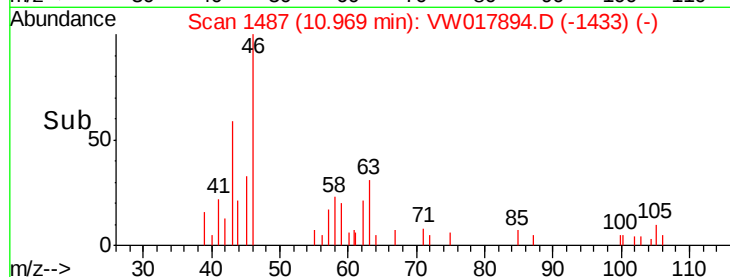
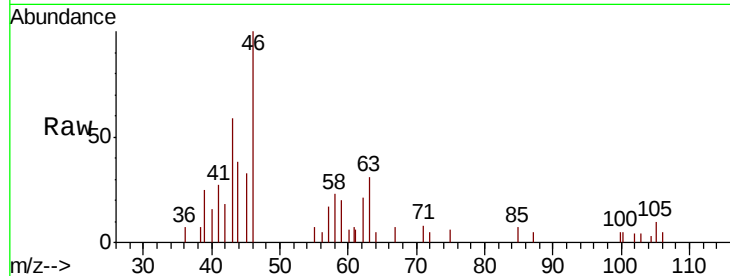
Ion Ratio Lower Upper

43 100

58 34.6 51.3 76.9#

57 17.4 15.0 22.6

100 10.5 12.2 18.2#



#59

1,2,3-Trichloropropane

Concen: 0.209 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.73 min

Lab File: VW017894.D

Acq: 15 Jan 2021 13:36

Tgt Ion: 75 Resp: 499

Ion Ratio Lower Upper

75 100

77 28.9 26.6 39.8

