

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017885.D
 Acq On : 14 Jan 2021 17:15
 Operator : SY/VA
 Sample : M1132-14
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:47:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307436	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	260050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	94404	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112673	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
7) Chloroethane-d5	2.89	69	93845	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.60%
10) 1,1-Dichloroethene-d2	4.02	63	147305	17.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.08%
20) 2-Butanone-d5	7.08	46	46524	60.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.68%
24) Chloroform-d	7.65	84	199754	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	115403	27.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.00%
29) Benzene-d6	8.27	84	381118	26.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.08%
33) 1,2-Dichloropropane-d6	9.27	67	112692	27.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.64%
37) Toluene-d8	10.32	98	339273	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.48%
38) trans-1,3-Dichloropropene-	10.58	79	41055	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.24%
39) 2-Hexanone-d5	10.93	63	31344	61.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84658	28.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	80267	24.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.68%

Target Compounds

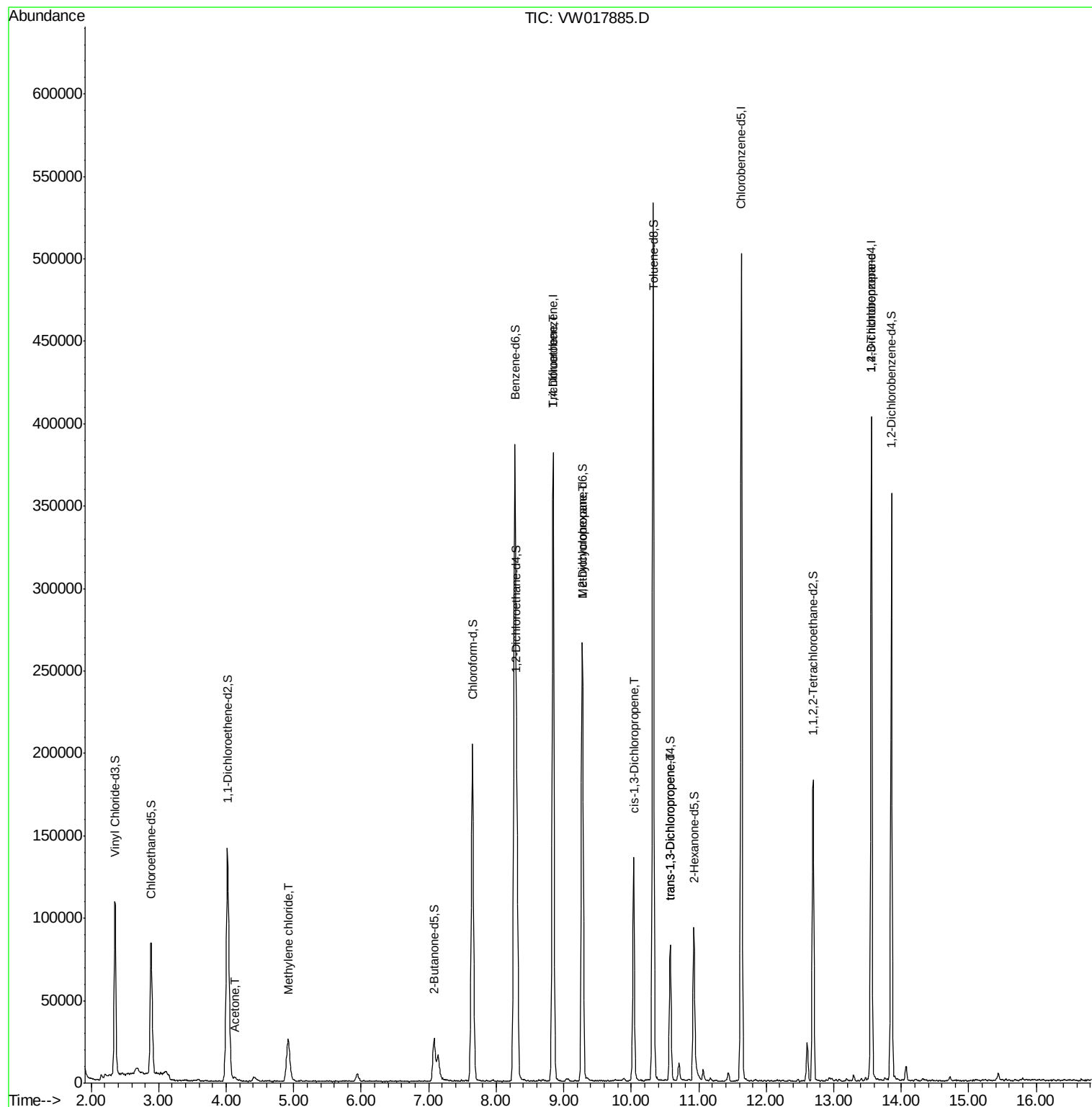
					Ovalue
13) Acetone	4.13	43	3862	5.801 ug/L	73
16) Methylene chloride	4.92	84	11506	2.617 ug/L	92
35) Trichloroethene	8.84	95	10102	2.455 ug/L #	4
36) Methylcyclohexane	9.27	83	28706	3.990 ug/L #	20
42) cis-1,3-Dichloropropene	10.03	75	4020	0.718 ug/L #	66
45) trans-1,3-Dichloropropene	10.57	75	2695	0.565 ug/L	86
59) 1,2,3-Trichloropropane	13.55	75	15077	7.043 ug/L	94

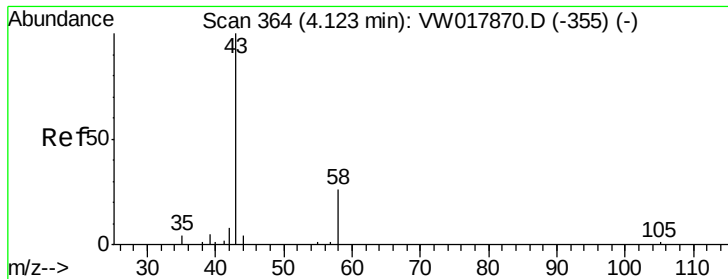
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 5.801 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017885.D

Acq: 14 Jan 2021 17:15

Instrument :

MSVOA_W

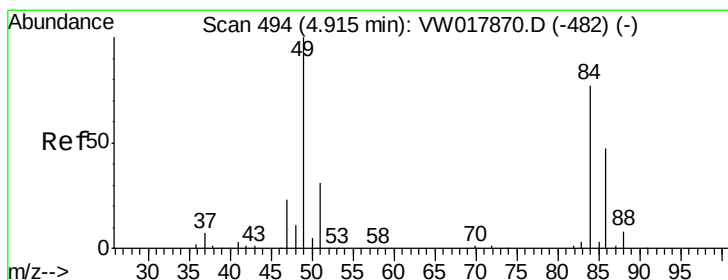
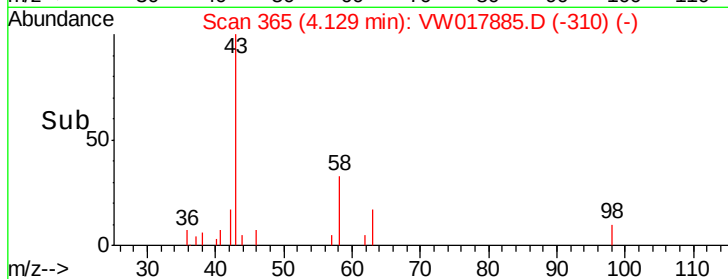
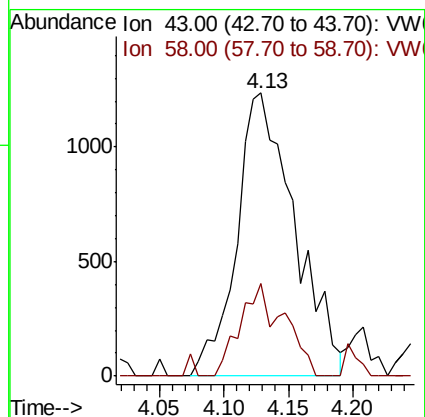
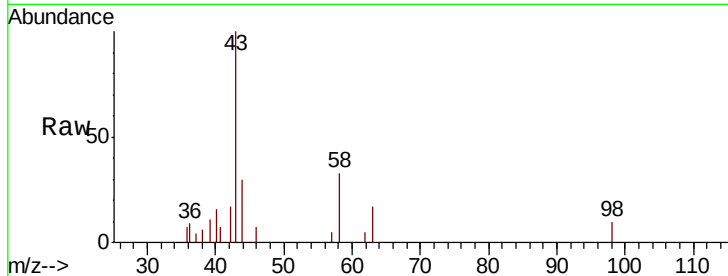
ClientSampled :

Tot Ion: 43 Resp: 3862

Ion Ratio Lower Upper

43 100

58 15.8 0.0 60.8



#16

Methylene chloride

Concen: 2.617 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017885.D

Acq: 14 Jan 2021 17:15

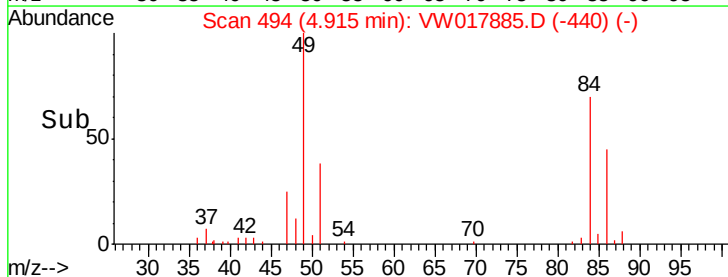
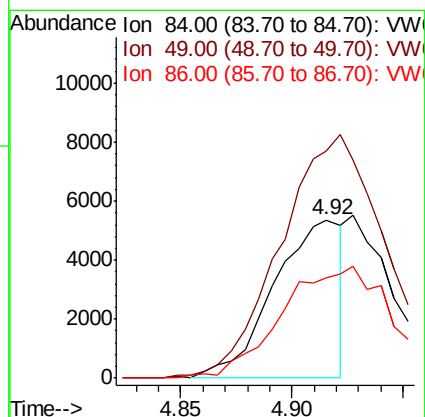
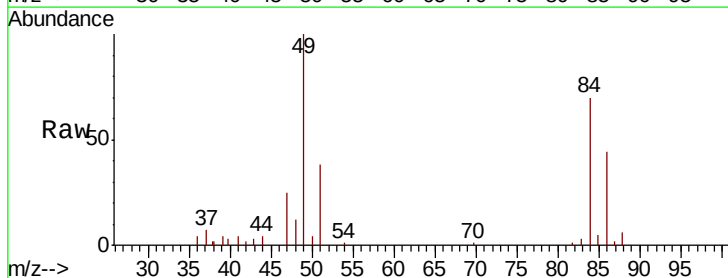
Tgt Ion: 84 Resp: 11506

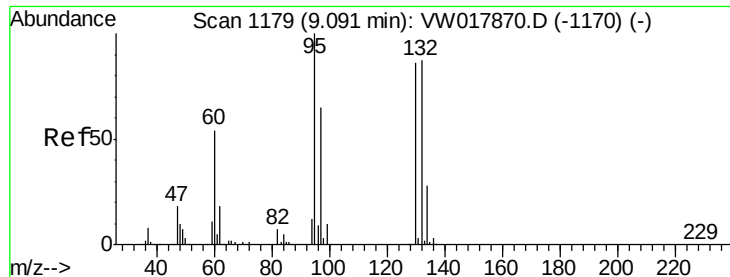
Ion Ratio Lower Upper

84 100

49 143.7 90.5 168.1

86 63.7 44.8 83.2





#35

Trichloroethene

Concen: 2.455 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017885.D

Acq: 14 Jan 2021 17:15

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 10102

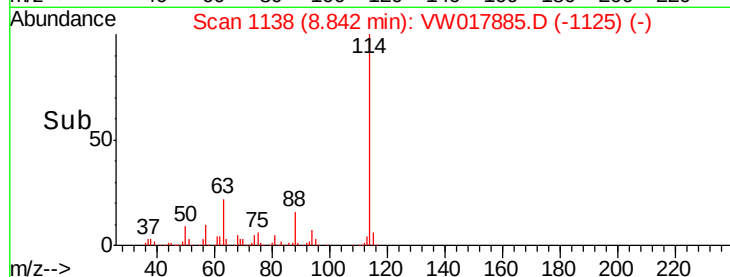
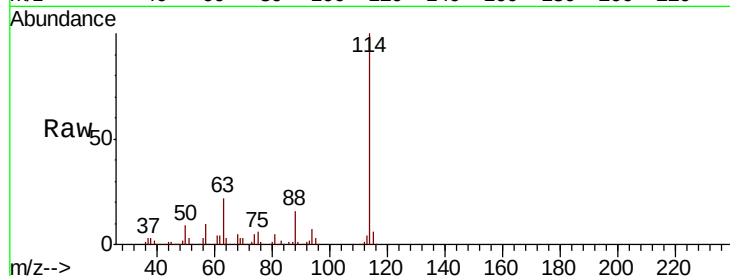
Ion Ratio Lower Upper

95 100

97 0.0 46.8 87.0#

132 0.0 68.3 126.9#

130 0.0 71.8 133.4#

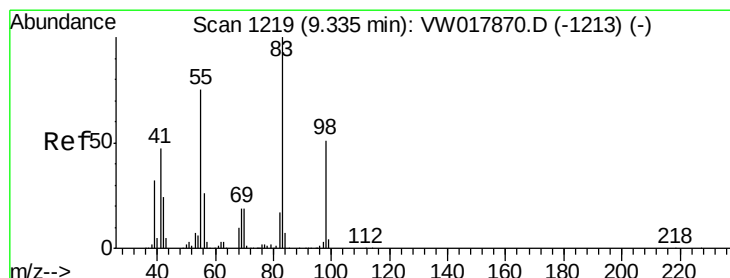
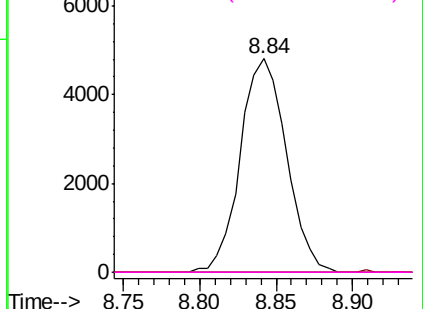


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36

Methylcyclohexane

Concen: 3.990 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW017885.D

Acq: 14 Jan 2021 17:15

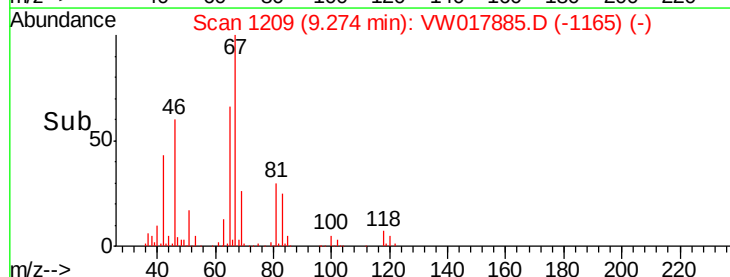
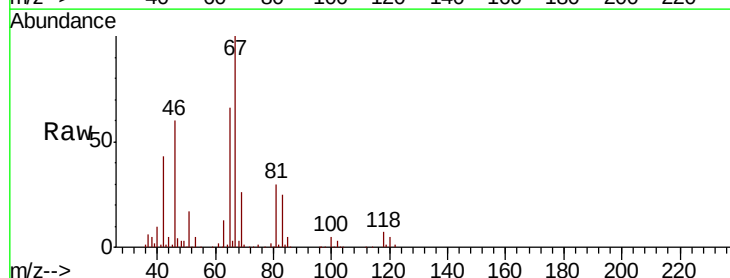
Tgt Ion: 83 Resp: 28706

Ion Ratio Lower Upper

83 100

55 0.5 57.6 86.4#

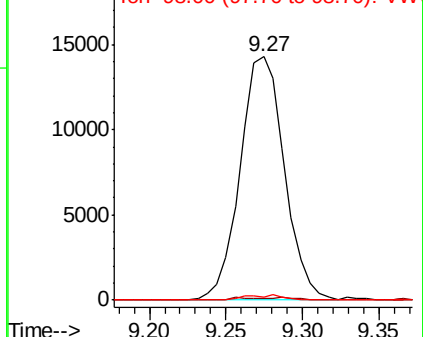
98 0.7 39.7 59.5#

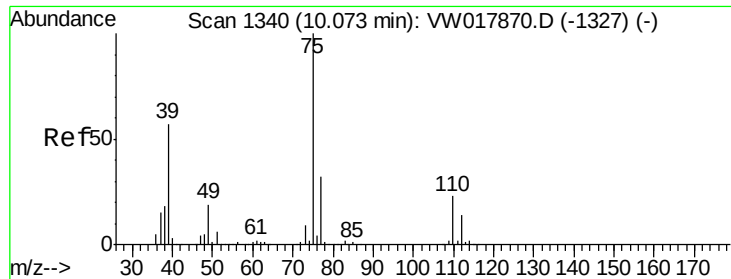


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017885.D

Acq: 14 Jan 2021 17:15

Instrument :

MSVOA_W

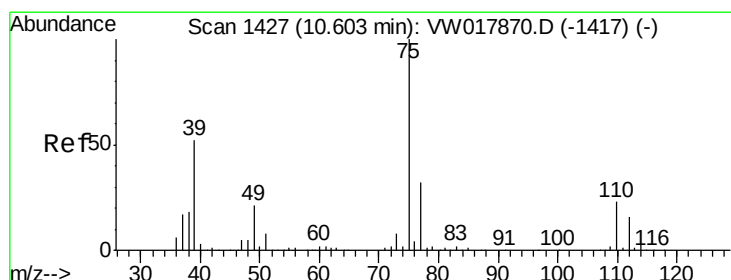
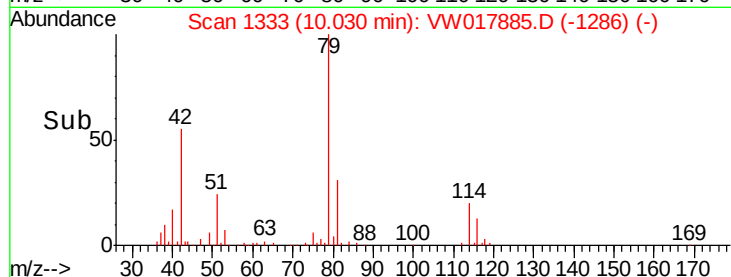
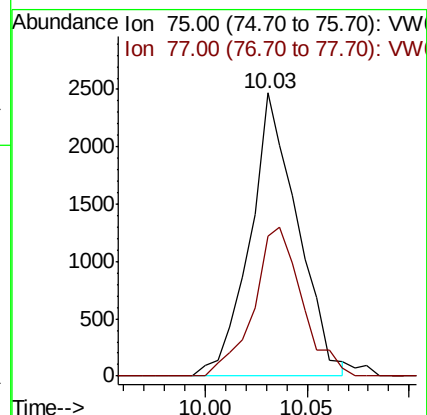
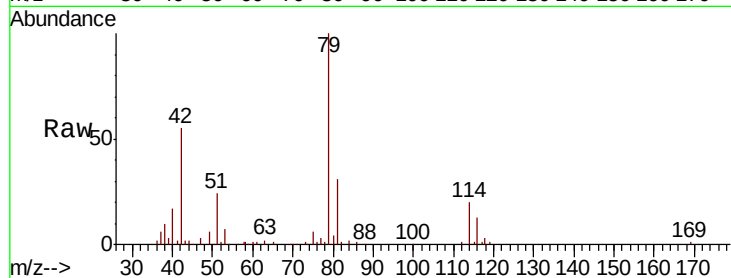
ClientSampled :

Tot Ion: 75 Resp: 4020

Ion Ratio Lower Upper

75 100

77 49.7 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017885.D

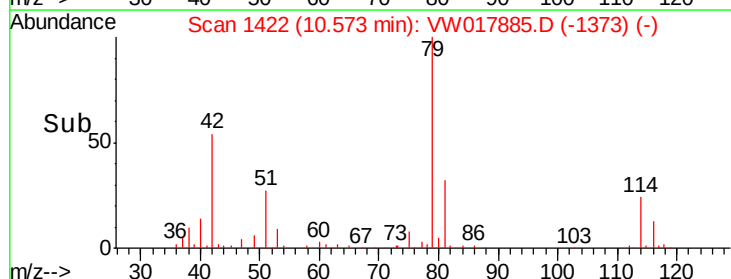
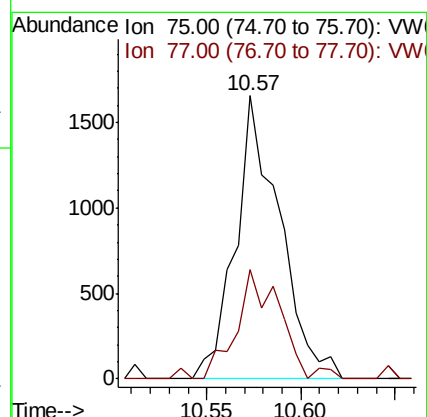
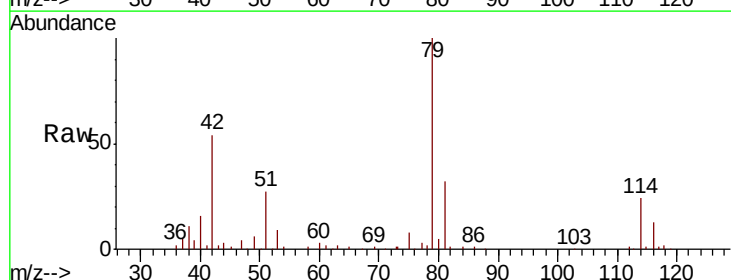
Acq: 14 Jan 2021 17:15

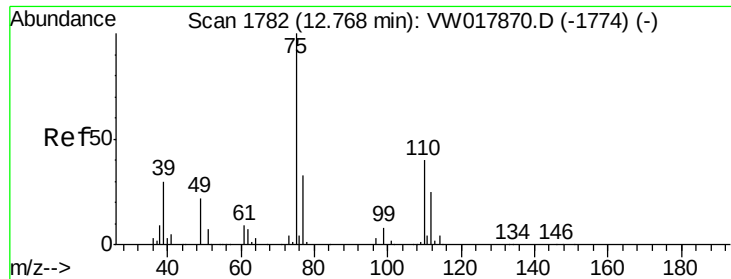
Tgt Ion: 75 Resp: 2695

Ion Ratio Lower Upper

75 100

77 38.5 21.6 40.0





#59

1,2,3-Trichloropropane

Concen: 7.043 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017885.D

Acq: 14 Jan 2021 17:15

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 15077

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.0

