

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017883.D
 Acq On : 14 Jan 2021 16:27
 Operator : SY/VA
 Sample : VIBLK20
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:46:53 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	317905	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300820	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140425	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108226	22.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.00%
7) Chloroethane-d5	2.89	69	92439	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
10) 1,1-Dichloroethene-d2	4.03	63	144206	16.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.32%
20) 2-Butanone-d5	7.07	46	50146	62.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.80%
24) Chloroform-d	7.65	84	198794	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.31	65	118436	27.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.16%
29) Benzene-d6	8.27	84	388288	22.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.64%
33) 1,2-Dichloropropane-d6	9.27	67	114225	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.80%
37) Toluene-d8	10.32	98	363054	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.24%
38) trans-1,3-Dichloropropene-	10.58	79	44655	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.80%
39) 2-Hexanone-d5	10.93	63	33920	57.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93799	27.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	117011	23.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.72%

Target Compounds

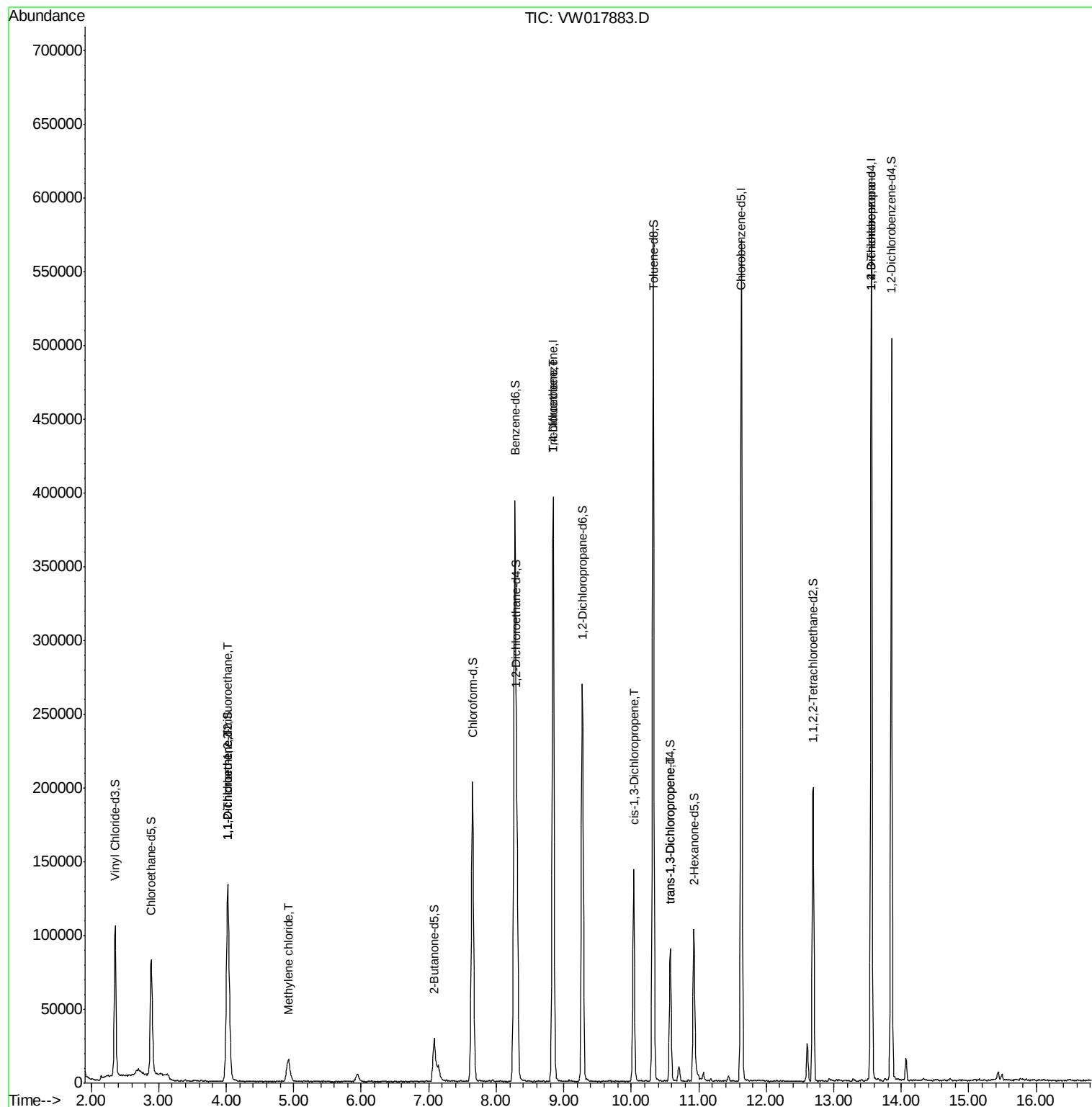
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1385	0.343 ug/L #	22
12) 1,1-Dichloroethene	4.03	96	1206	0.308 ug/L #	1
16) Methylene chloride	4.93	84	11723	2.579 ug/L	91
35) Trichloroethene	8.85	95	10509	2.207 ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	4356	0.672 ug/L	91
45) trans-1,3-Dichloropropene	10.57	75	2736	0.496 ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	21364	8.627 ug/L	93

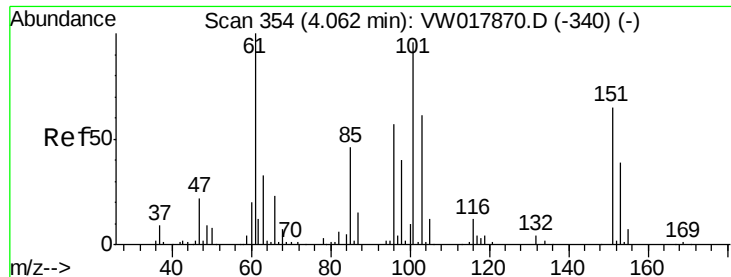
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 14 21:44:45 2021
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.343 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017883.D

Acq: 14 Jan 2021 16:27

Instrument :

MSVOA_W

ClientSampled :

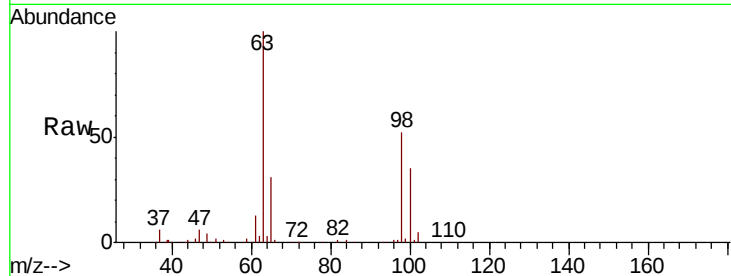
Tot Ion:101 Resp: 1385

Ion Ratio Lower Upper

101 100

85 2.8 36.7 55.1#

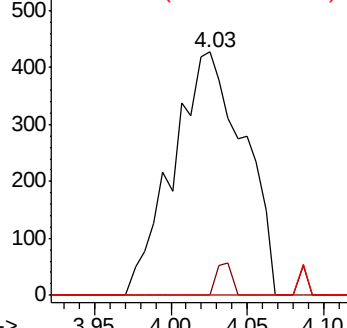
151 0.0 57.7 86.5#



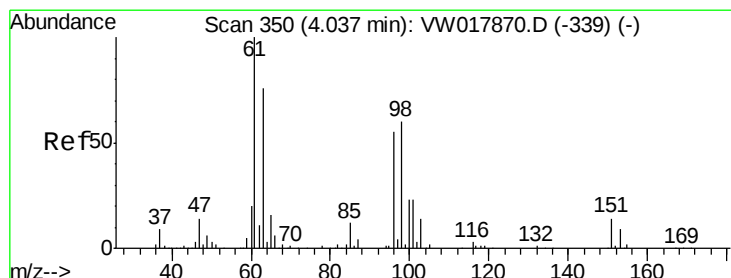
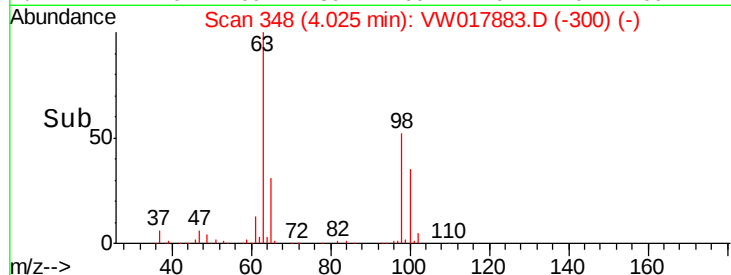
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.308 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW017883.D

Acq: 14 Jan 2021 16:27

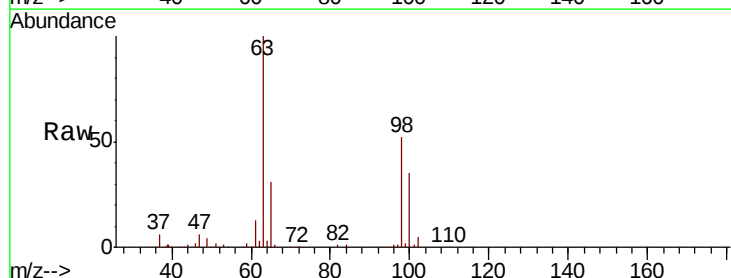
Tgt Ion: 96 Resp: 1206

Ion Ratio Lower Upper

96 100

61 1317.4 126.1 234.1#

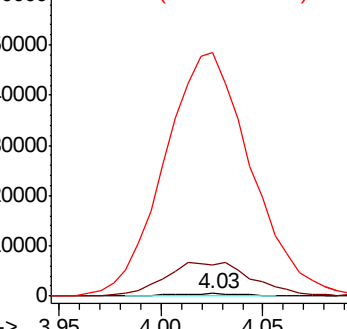
63 10165.2 90.0 167.2#



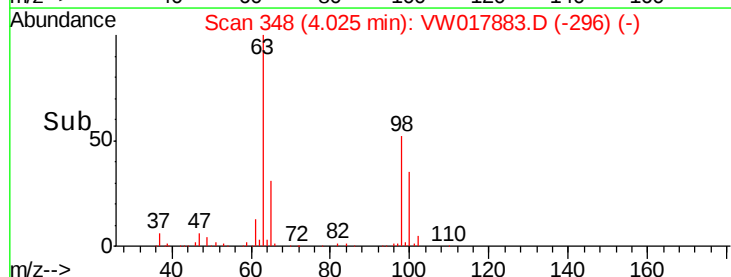
Abundance Ion 96.00 (95.70 to 96.70): VW

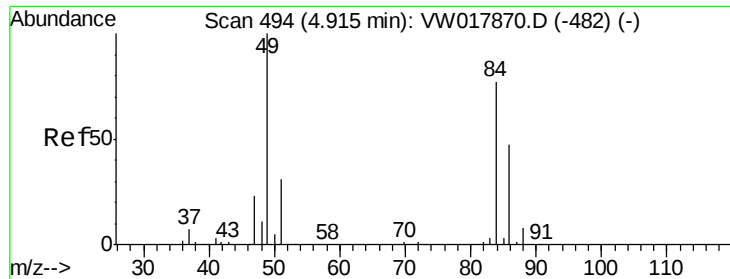
Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



Time-->

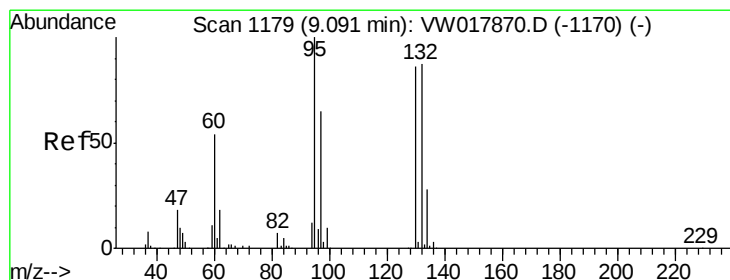
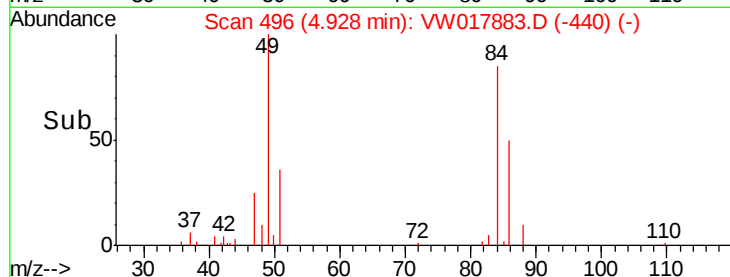
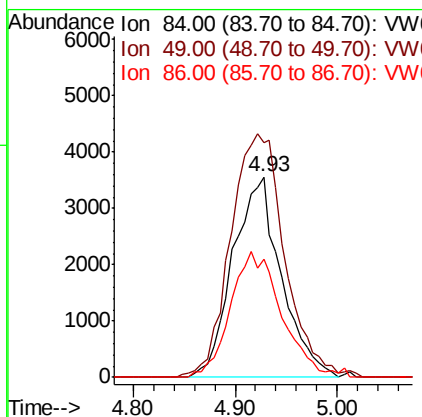
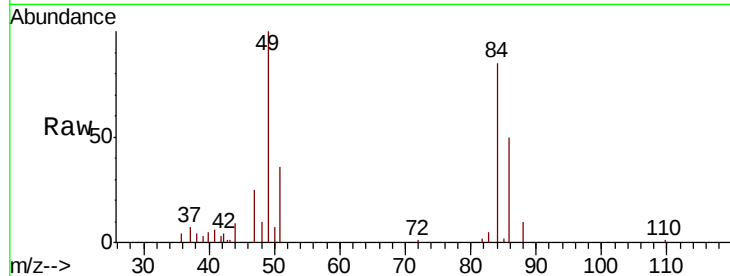




#16
Methvlene chloride
Concen: 2.579 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017883.D
Acq: 14 Jan 2021 16:27

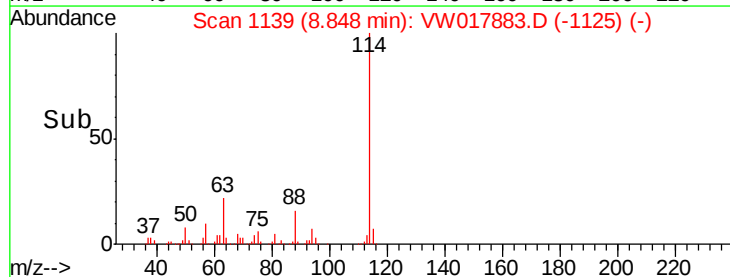
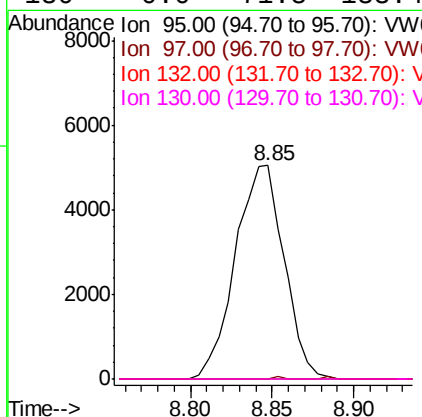
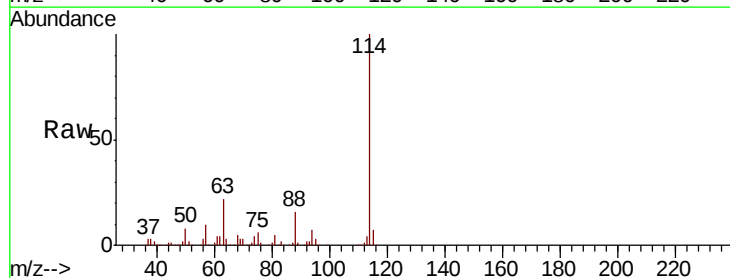
Instrument :
MSVOA_W
ClientSampleId :

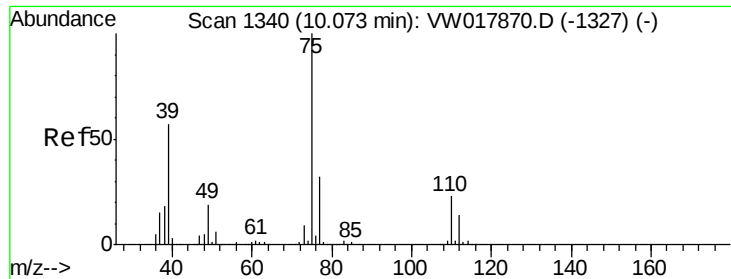
Tot Ion: 84 Resp: 11723
Ion Ratio Lower Upper
84 100
49 117.0 90.5 168.1
86 58.8 44.8 83.2



#35
Trichloroethene
Concen: 2.207 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW017883.D
Acq: 14 Jan 2021 16:27

Tgt Ion: 95 Resp: 10509
Ion Ratio Lower Upper
95 100
97 0.0 46.8 87.0#
132 0.4 68.3 126.9#
130 0.0 71.8 133.4#

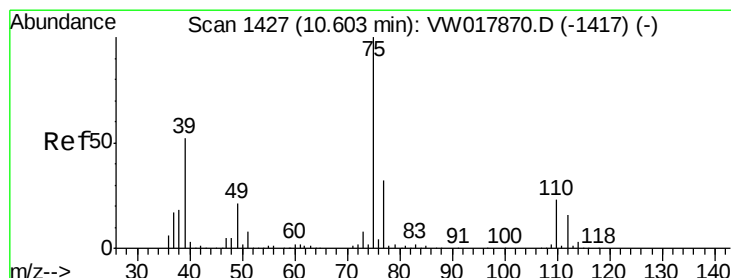
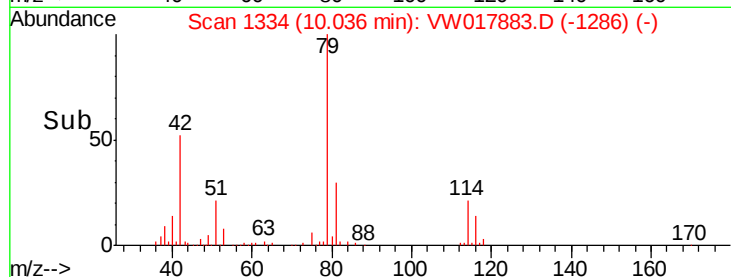
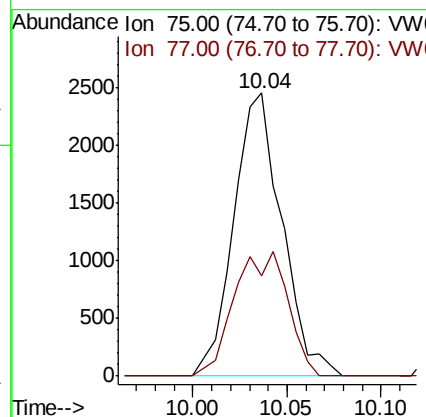
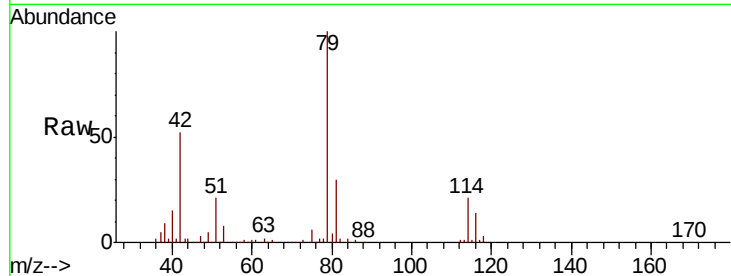




#42
 cis-1,3-Dichloropropene
 Concen: 0.672 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017883.D
 Acq: 14 Jan 2021 16:27

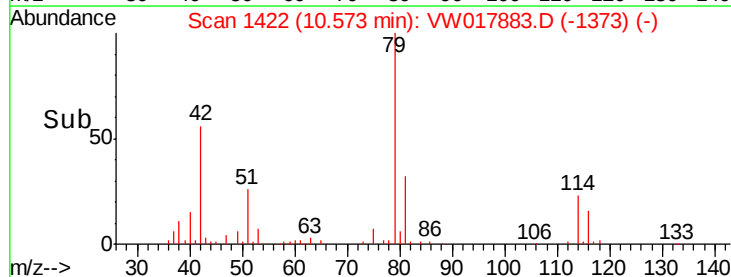
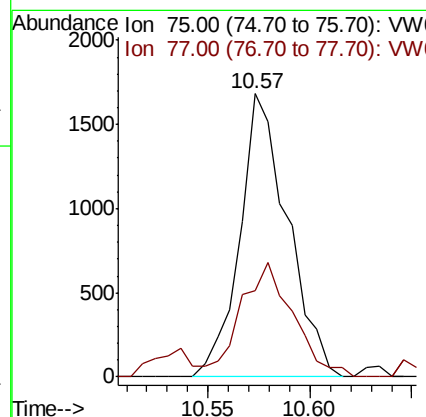
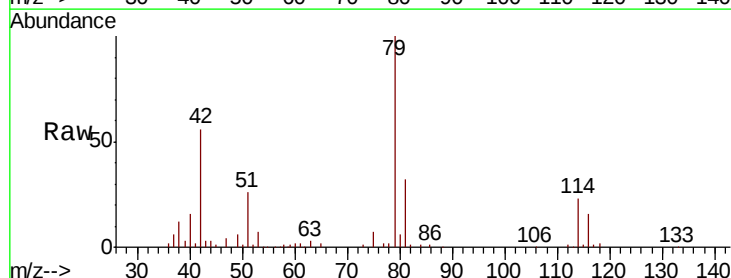
Instrument :
 MSVOA_W
 ClientSampled :

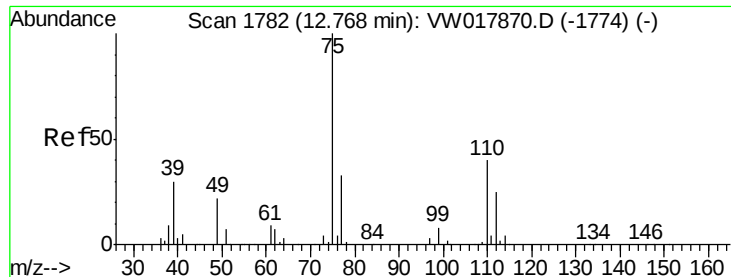
Tot Ion: 75 Resp: 4356
 Ion Ratio Lower Upper
 75 100
 77 35.7 21.6 40.2



#45
 trans-1,3-Dichloropropene
 Concen: 0.496 ug/L
 RT: 10.57 min Scan# 1422
 Delta R.T. -0.03 min
 Lab File: VW017883.D
 Acq: 14 Jan 2021 16:27

Tgt Ion: 75 Resp: 2736
 Ion Ratio Lower Upper
 75 100
 77 30.4 21.6 40.0





#59

1,2,3-Trichloropropane

Concen: 8.627 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017883.D

Acq: 14 Jan 2021 16:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21364

Ion Ratio Lower Upper

75 100

77 35.5 25.4 38.0

