

Data File : VW016853.D
Acq On : 08 Oct 2020 15:01
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Oct 09 08:10:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 11:39:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	561419	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	520132	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	242637	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120729	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
7) Chloroethane-d5	2.90	69	101629	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
10) 1,1-Dichloroethene-d2	4.03	63	182500	15.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.08%
20) 2-Butanone-d5	7.08	46	48301	38.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.00%
24) Chloroform-d	7.65	84	265304	22.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	8.31	65	130709	22.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.36%
29) Benzene-d6	8.28	84	527018	22.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.24%
33) 1,2-Dichloropropane-d6	9.27	67	146582	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.36%
37) Toluene-d8	10.33	98	496962	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.16%
38) trans-1,3-Dichloropropene-	10.58	79	56105	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.16%
39) 2-Hexanone-d5	10.93	63	39215	39.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107788	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	181674	23.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.44%

Target Compounds

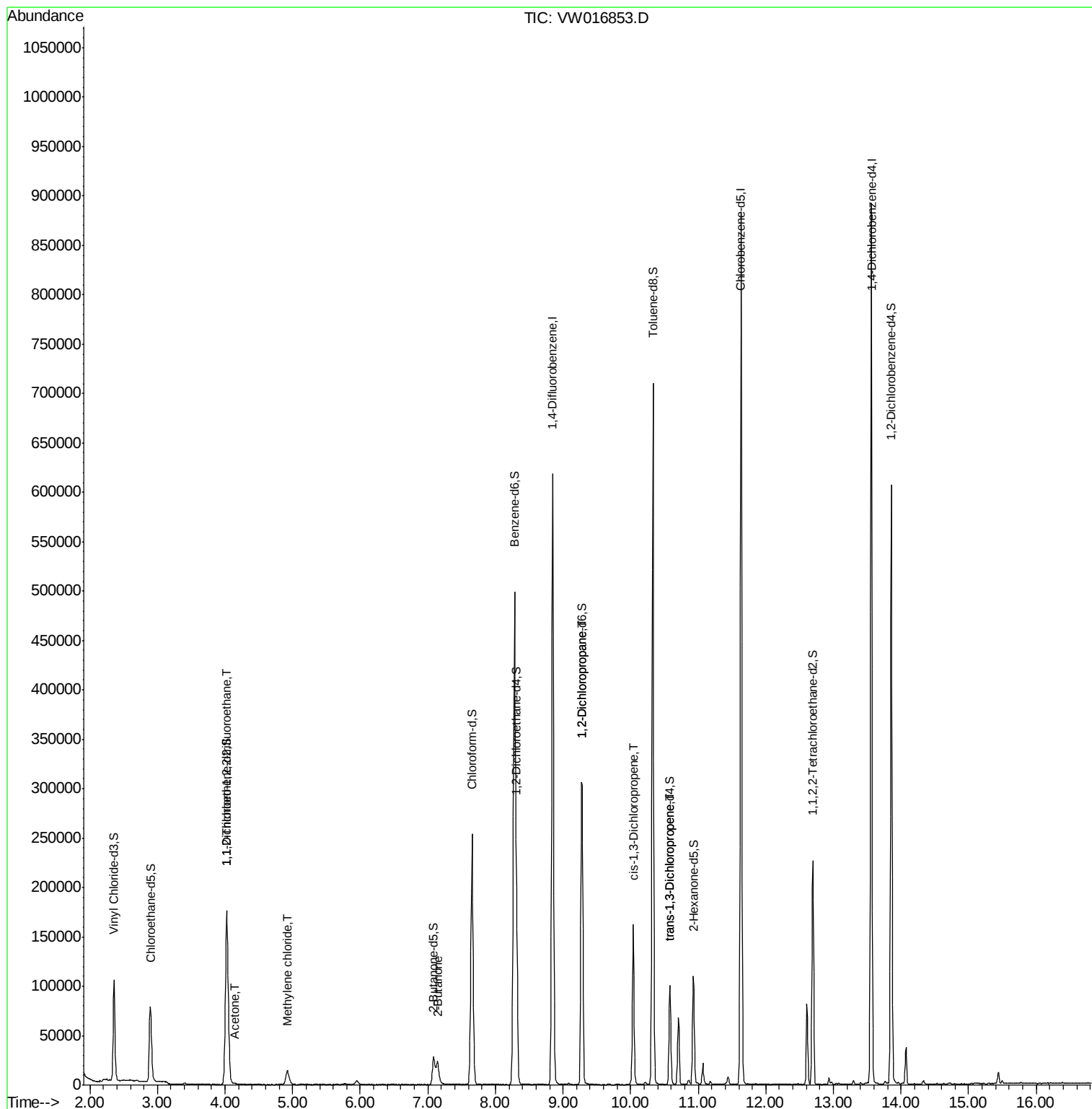
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1946	0.257	ug/L #	17
13) Acetone	4.15	43	1862	1.961	ug/L	49
16) Methylene chloride	4.92	84	12614	1.628	ug/L	96
21) 2-Butanone	7.15	43	1098	0.689	ug/L #	42
40) 1,2-Dichloropropane	9.27	63	16780	2.657	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4244	0.421	ug/L #	68
45) trans-1,3-Dichloropropene	10.58	75	2547	0.301	ug/L #	62

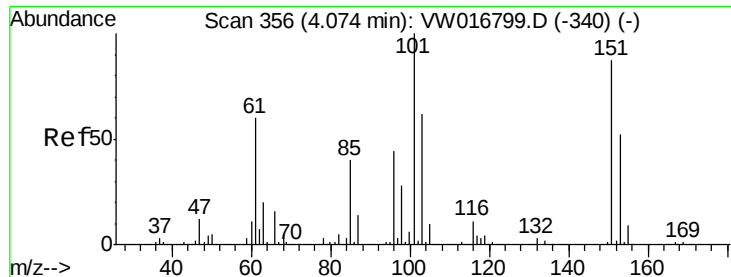
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.257 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW016853.D

Acq: 08 Oct 2020 15:01

Instrument :

MSVOA_W

ClientSampled :

VIBLK

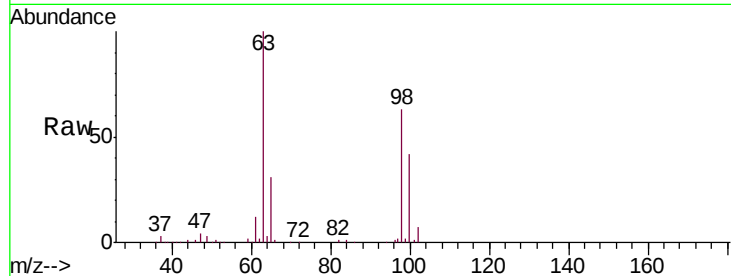
Tgt Ion: 101 Resp: 1946

Ion Ratio Lower Upper

101 100

85 0.0 31.7 47.5#

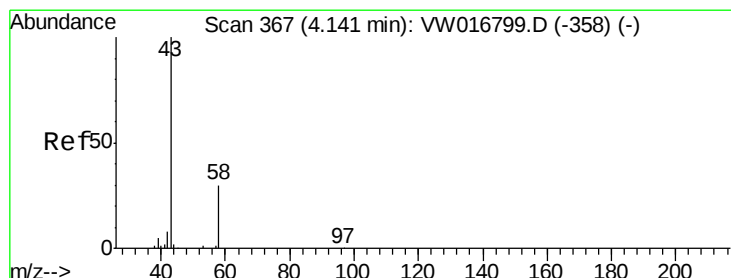
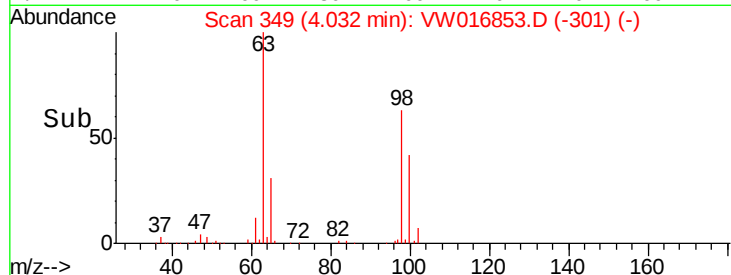
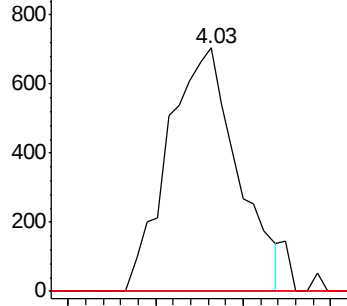
151 0.0 66.6 99.8#



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



#13

Acetone

Concen: 1.961 ug/L

RT: 4.15 min Scan# 369

Delta R.T. 0.02 min

Lab File: VW016853.D

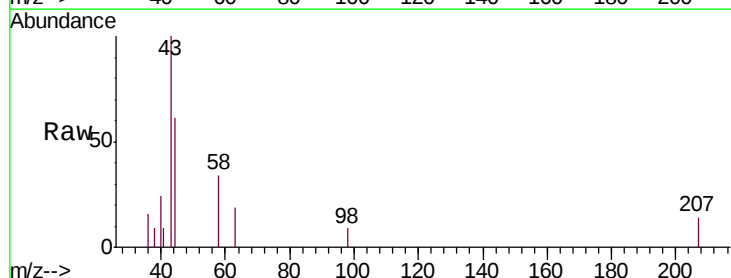
Acq: 08 Oct 2020 15:01

Tgt Ion: 43 Resp: 1862

Ion Ratio Lower Upper

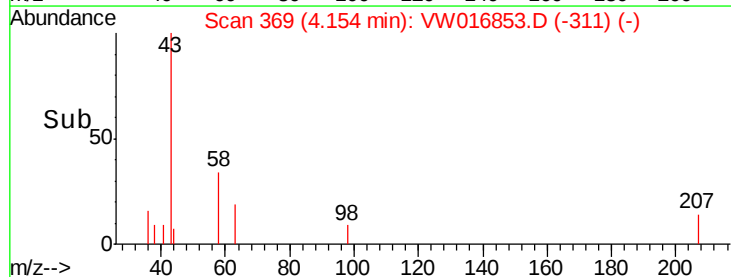
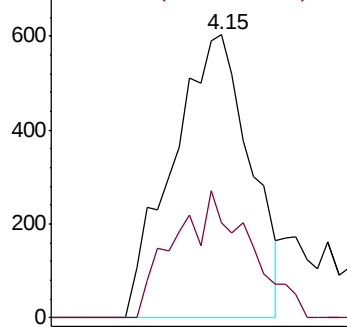
43 100

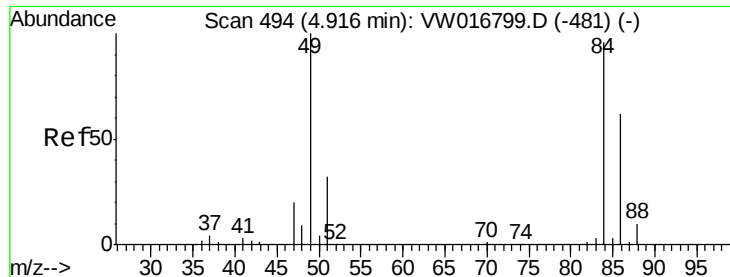
58 4.7 0.0 67.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

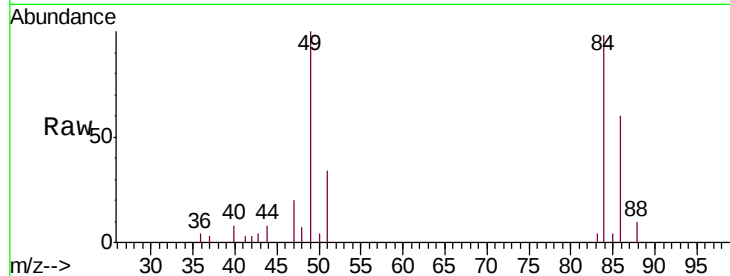




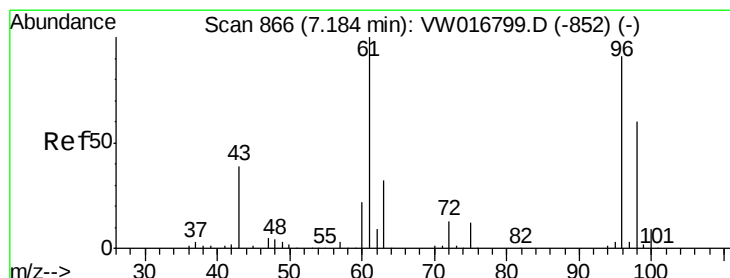
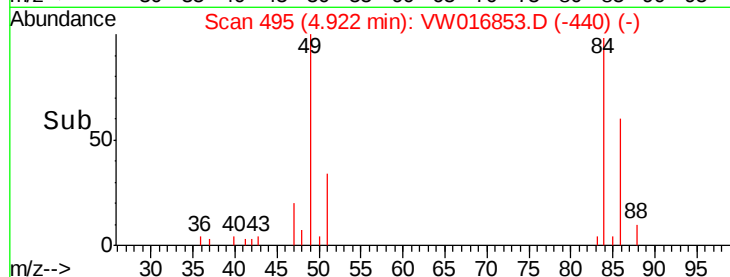
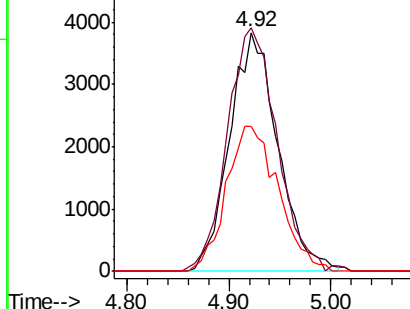
#16
Methylene chloride
Concen: 1.628 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW016853.D
Acq: 08 Oct 2020 15:01

Instrument :
MSVOA_W
ClientSampled :
VIBLK

Tgt Ion: 84 Resp: 12614
Ion Ratio Lower Upper
84 100
49 101.9 73.1 135.8
86 60.8 46.0 85.4

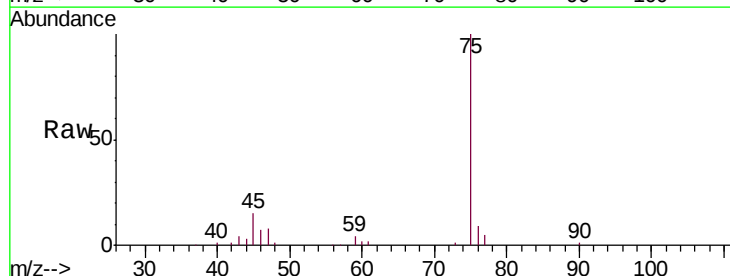


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

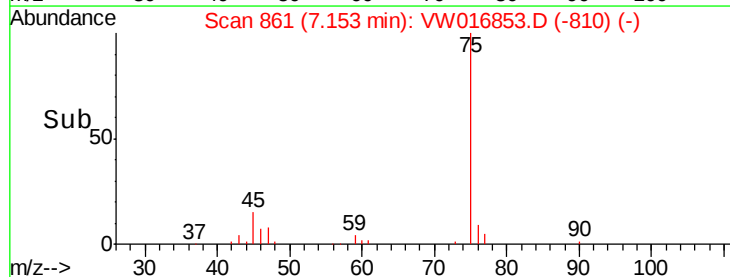
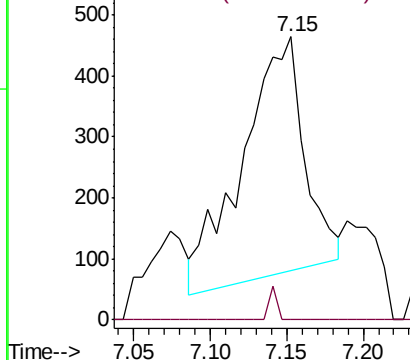


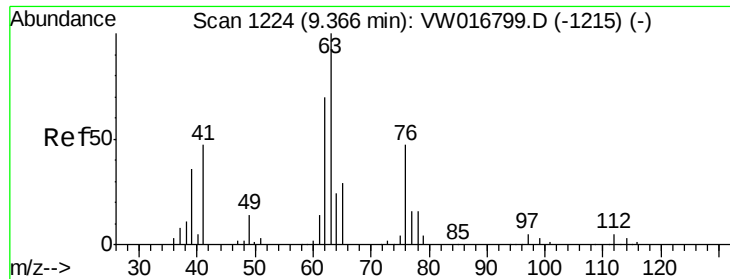
#21
2-Butanone
Concen: 0.689 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW016853.D
Acq: 08 Oct 2020 15:01

Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
72 0.0 16.2 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

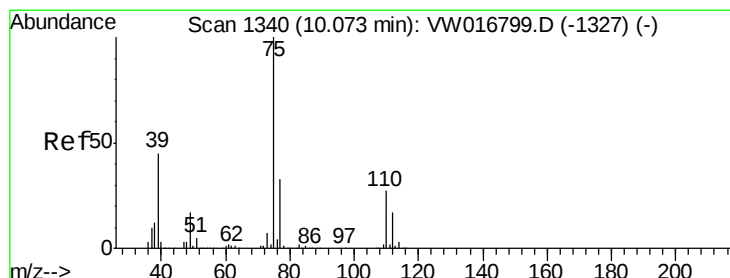
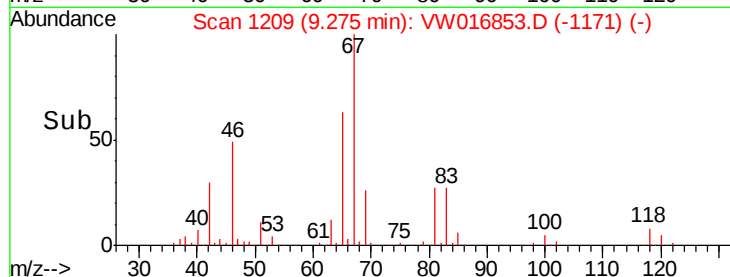
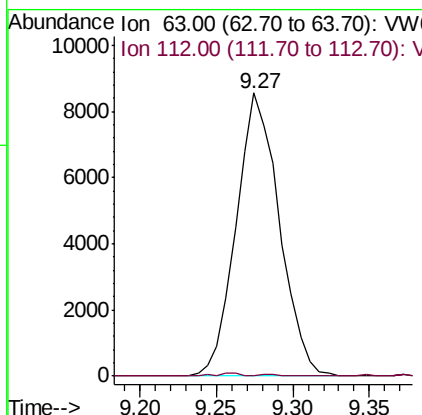
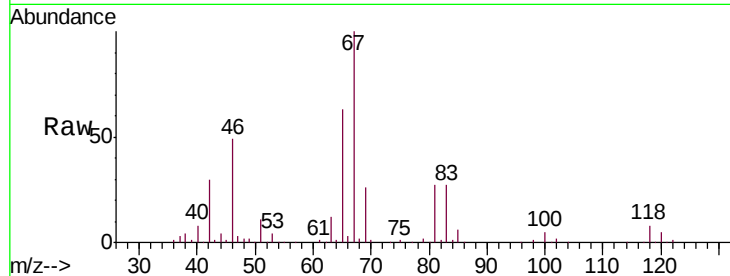




#40
 1,2-Dichloropropane
 Concen: 2.657 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016853.D
 Acq: 08 Oct 2020 15:01

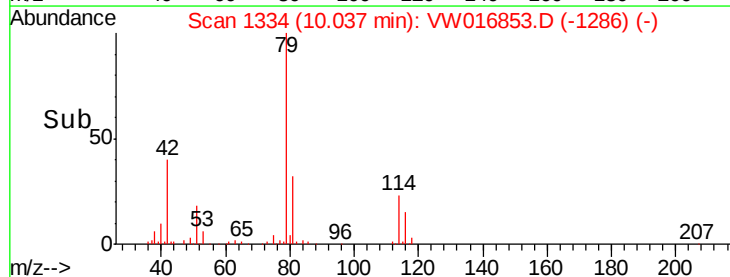
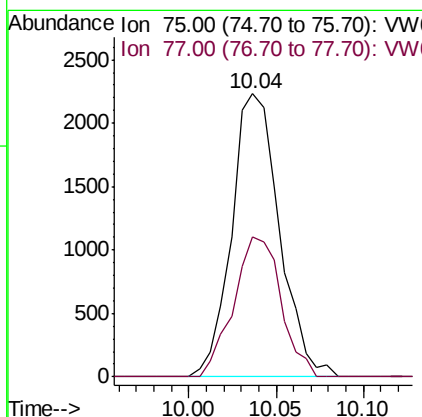
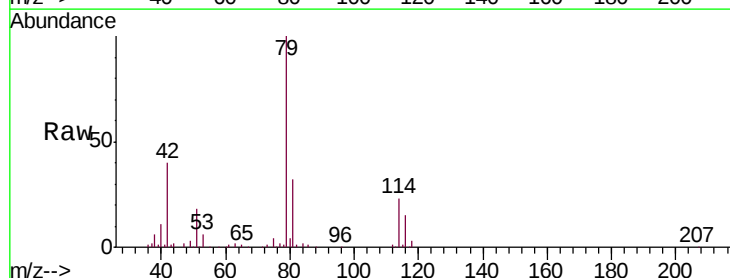
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

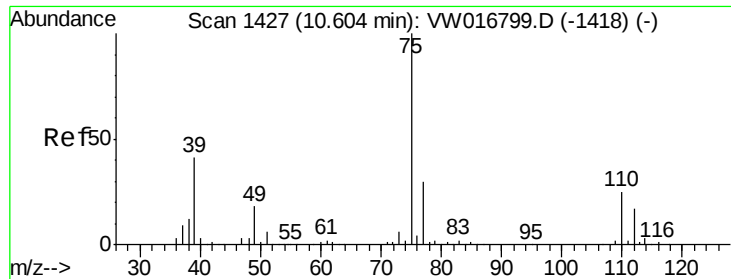
Tgt Ion: 63 Resp: 16780
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.421 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016853.D
 Acq: 08 Oct 2020 15:01

Tgt Ion: 75 Resp: 4244
 Ion Ratio Lower Upper
 75 100
 77 49.3 22.1 41.1#





#45

trans-1,3-Dichloropropene

Concen: 0.301 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016853.D

Acq: 08 Oct 2020 15:01

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 2547

Ion Ratio Lower Upper

75 100

77 52.9 22.2 41.2#

