

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
 Data File : VW010303.D
 Acq On : 07 May 2019 17:33
 Operator : SY/VA
 Sample : K2690-07
 Misc : 5.30G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5153

Quant Time: May 08 04:39:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 02:05:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	572122	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	487780	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	131747	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
7) Chloroethane-d5	2.89	69	108546	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.92%
10) 1,1-Dichloroethene-d2	4.01	63	238476	14.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.48%
20) 2-Butanone-d5	7.07	46	184881	59.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.82%
24) Chloroform-d	7.64	84	378540	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	249161	27.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.48%
29) Benzene-d6	8.27	84	696516	26.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.16%
33) 1,2-Dichloropropane-d6	9.27	67	236309	29.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.72%
37) Toluene-d8	10.32	98	559436	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.72%
38) trans-1,3-Dichloropropene-	10.58	79	101757	27.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.92%
39) 2-Hexanone-d5	10.93	63	150221	72.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.16%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	211287	27.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	133881	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%

Target Compounds

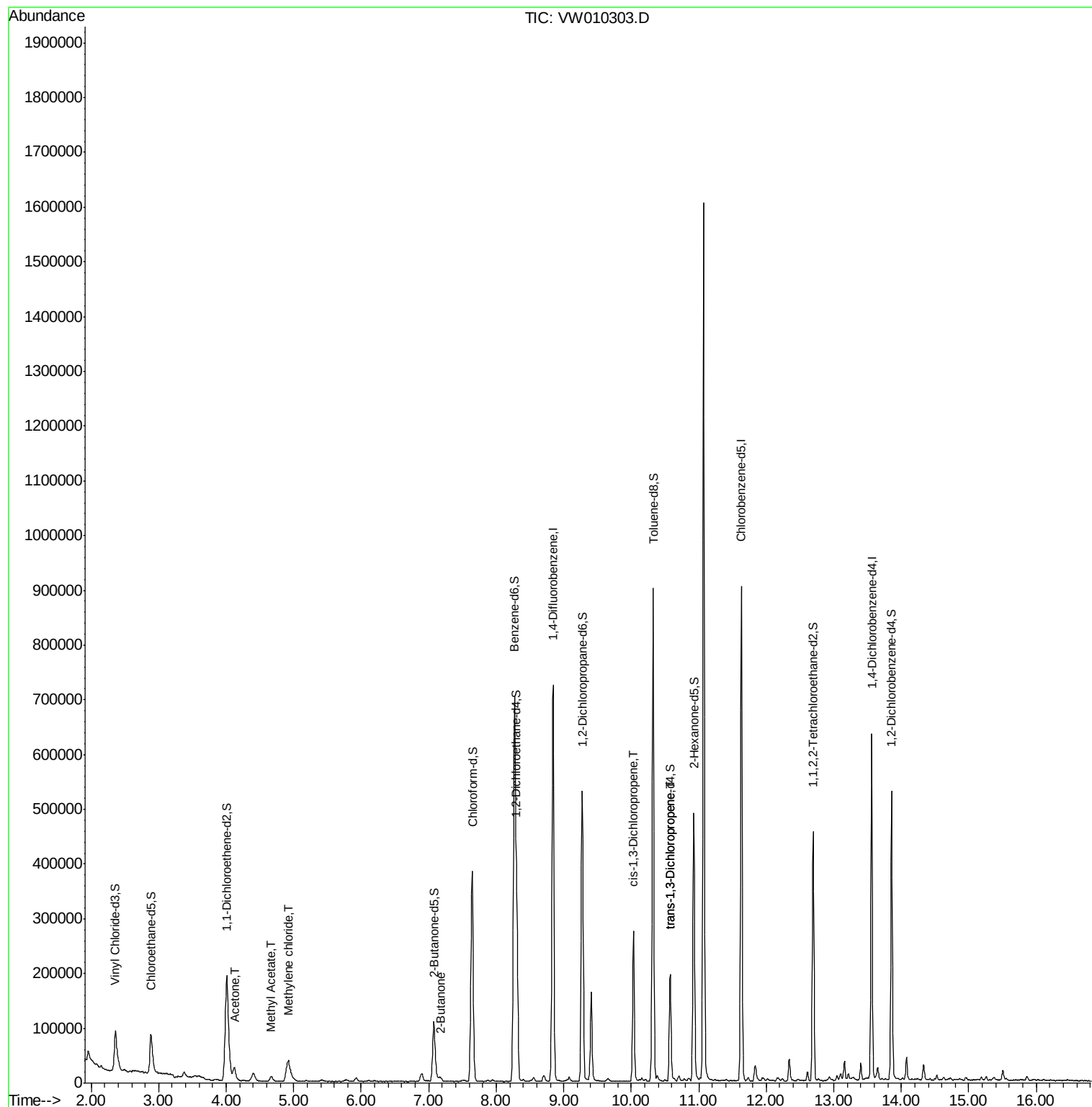
					Qvalue
13) Acetone	4.12	43	40401	15.298 ug/L	96
15) Methyl Acetate	4.67	43	16561	2.939 ug/L #	90
16) Methylene chloride	4.92	84	37167	4.799 ug/L	96
21) 2-Butanone	7.18	43	7556	2.000 ug/L	90
42) cis-1,3-Dichloropropene	10.03	75	7751	0.678 ug/L #	63
45) trans-1,3-Dichloropropene	10.58	75	5788	0.587 ug/L #	82

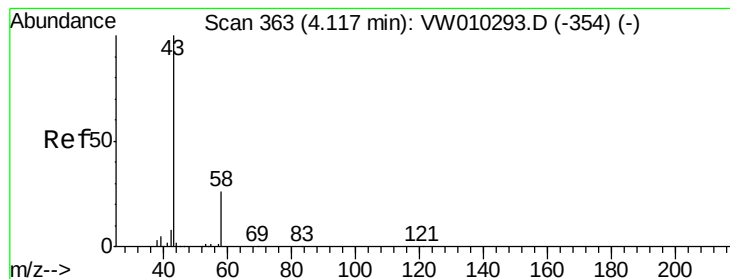
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.298 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010303.D

Acq: 07 May 2019 17:33

Instrument :

MSVOA_W

ClientSampleId :

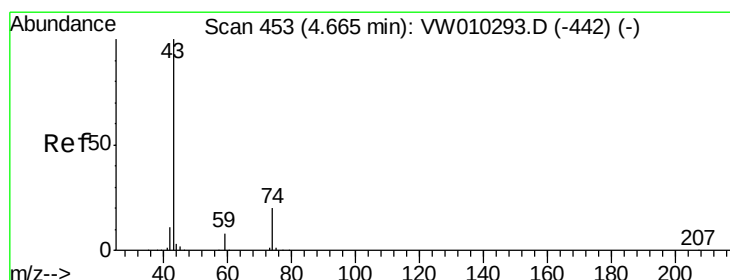
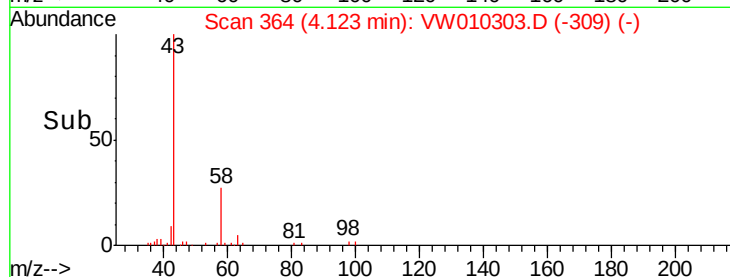
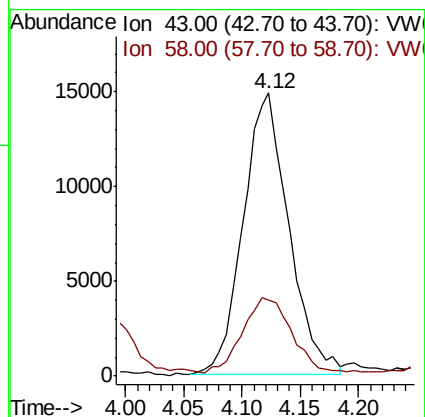
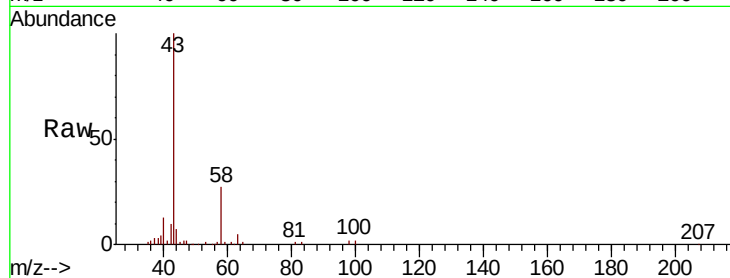
A5153

Tgt Ion: 43 Resp: 40401

Ion Ratio Lower Upper

43 100

58 29.7 0.0 55.2



#15

Methyl Acetate

Concen: 2.939 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010303.D

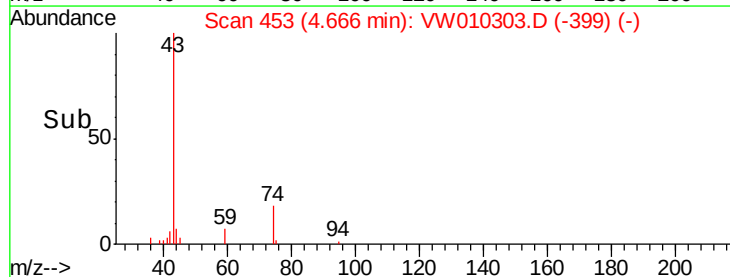
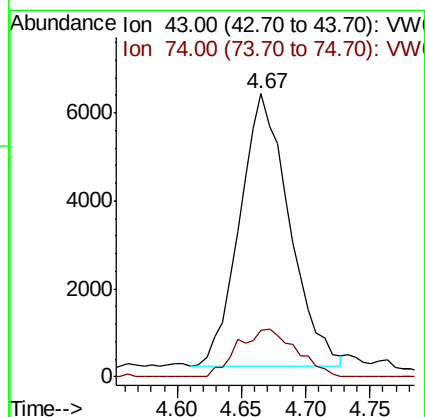
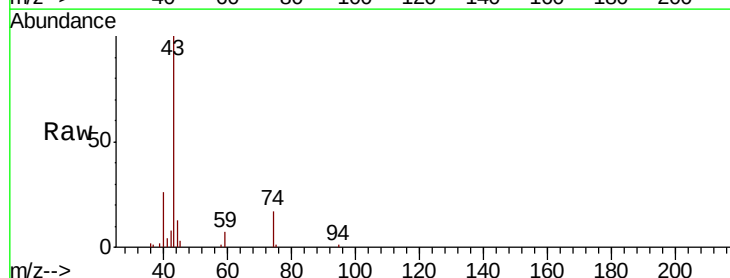
Acq: 07 May 2019 17:33

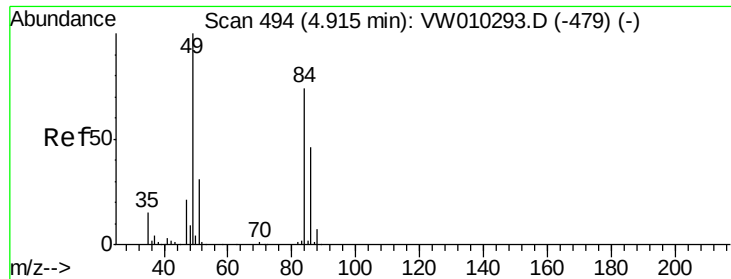
Tgt Ion: 43 Resp: 16561

Ion Ratio Lower Upper

43 100

74 15.3 16.1 24.1#

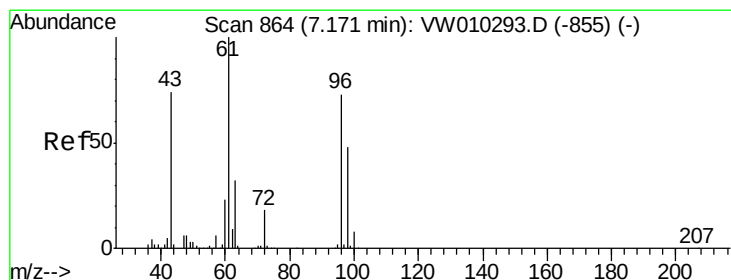
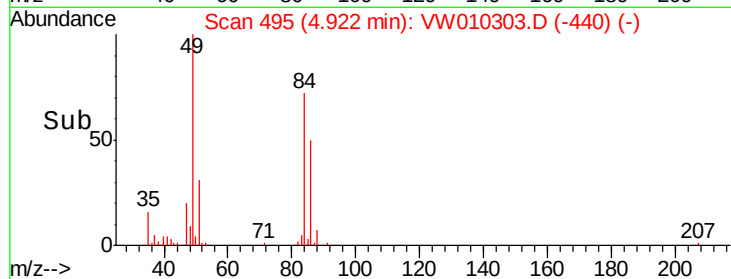
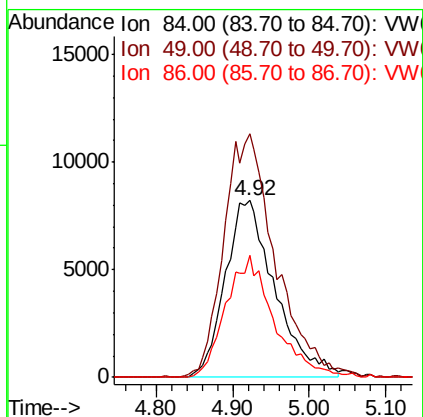
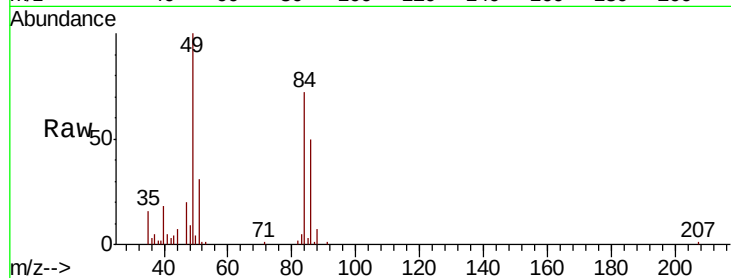




#16
Methylene chloride
Concen: 4.799 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW010303.D
Acq: 07 May 2019 17:33

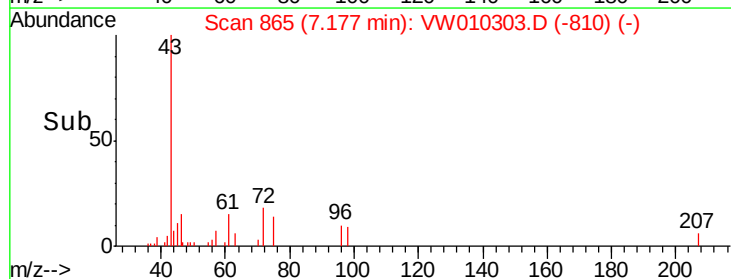
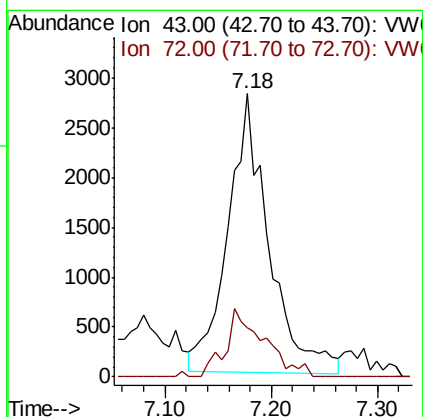
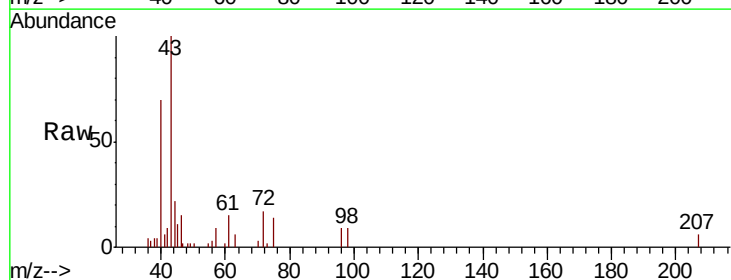
Instrument :
MSVOA_W
ClientSampled :
A5153

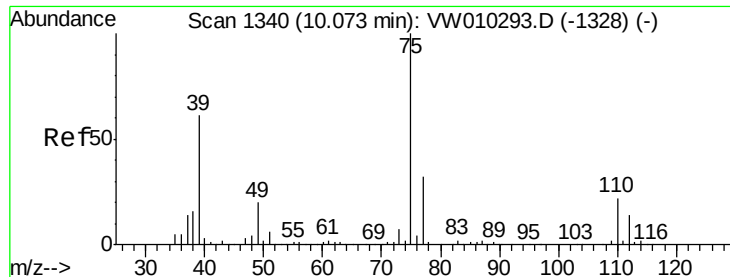
Tgt Ion: 84 Resp: 37167
Ion Ratio Lower Upper
84 100
49 138.0 94.4 175.4
86 69.0 43.8 81.4



#21
2-Butanone
Concen: 2.000 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW010303.D
Acq: 07 May 2019 17:33

Tgt Ion: 43 Resp: 7556
Ion Ratio Lower Upper
43 100
72 18.8 11.7 35.1





#42

cis-1,3-Dichloropropene

Concen: 0.678 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW010303.D

Acq: 07 May 2019 17:33

Instrument :

MSVOA_W

ClientSampled :

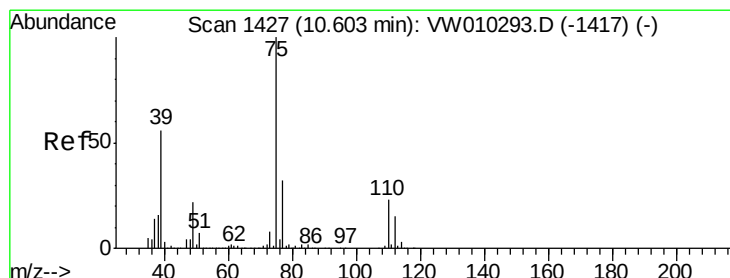
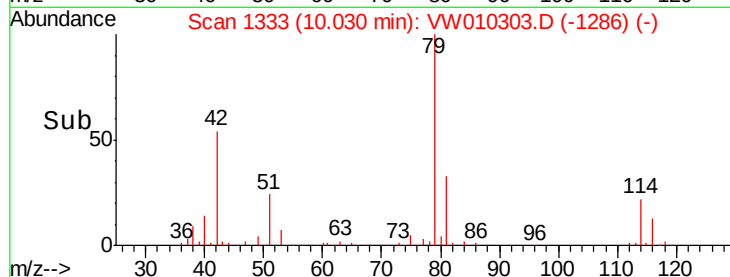
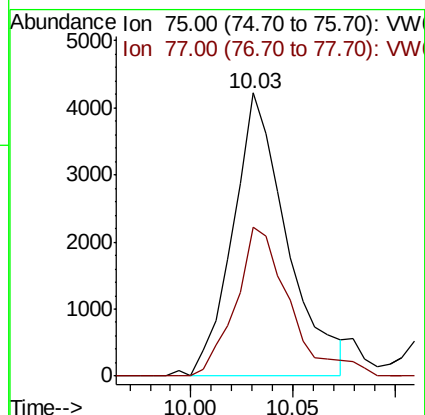
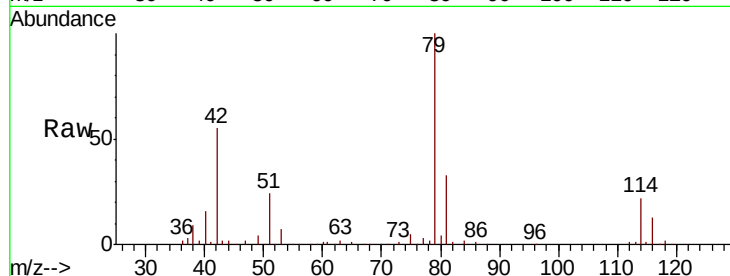
A5153

Tgt Ion: 75 Resp: 7751

Ion Ratio Lower Upper

75 100

77 52.7 22.5 41.7#



#45

trans-1,3-Dichloropropene

Concen: 0.587 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW010303.D

Acq: 07 May 2019 17:33

Tgt Ion: 75 Resp: 5788

Ion Ratio Lower Upper

75 100

77 41.4 22.1 41.1#

