

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
 Data File : VW016141.D
 Acq On : 11 Aug 2020 17:11
 Operator : SY/VA
 Sample : L3598-18
 Misc : 6.54G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY74

Quant Time: Aug 11 18:40:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	426278	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	396994	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147896	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115548	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.44%
7) Chloroethane-d5	2.89	69	86774	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
10) 1,1-Dichloroethene-d2	4.01	63	186869	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	7.08	46	91804	66.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.02%
24) Chloroform-d	7.65	84	264616	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.31	65	159395	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.92%
29) Benzene-d6	8.27	84	515039	23.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.40%
33) 1,2-Dichloropropane-d6	9.27	67	157392	24.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.12%
37) Toluene-d8	10.32	98	460800	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.58	79	70341	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.56%
39) 2-Hexanone-d5	10.93	63	77056	70.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.66%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155785	30.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.52%#
61) 1,2-Dichlorobenzene-d4	13.86	152	135225	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds

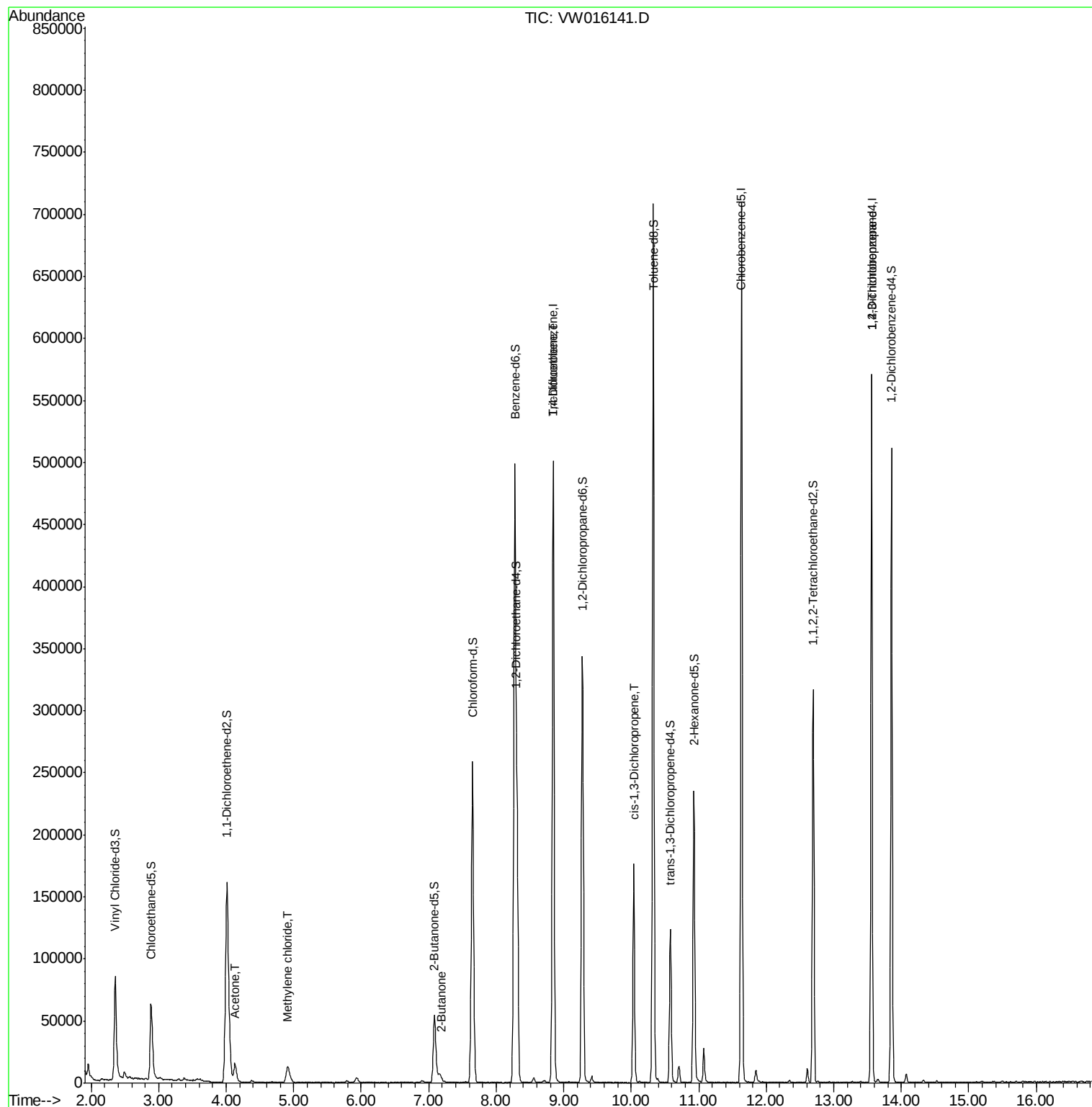
					Qvalue
13) Acetone	4.13	43	23773	22.597 ug/L	96
16) Methylene chloride	4.92	84	11616	1.726 ug/L	96
21) 2-Butanone	7.19	43	5080	3.047 ug/L #	62
35) Trichloroethene	8.85	95	13280	2.157 ug/L #	6
42) cis-1,3-Dichloropropene	10.04	75	4472	0.522 ug/L #	76
59) 1,2,3-Trichloropropane	13.56	75	17589	4.496 ug/L	92

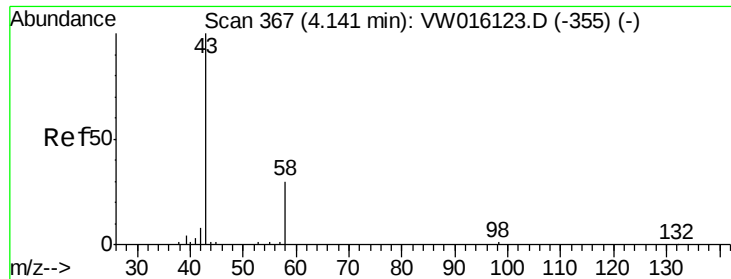
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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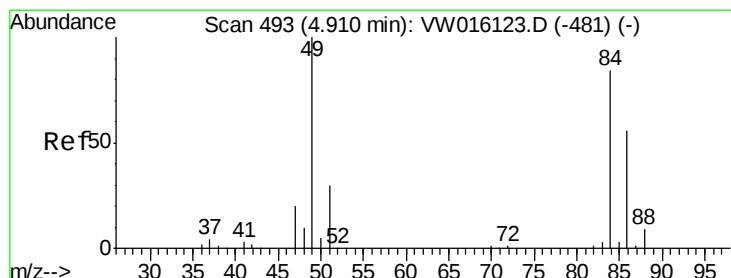
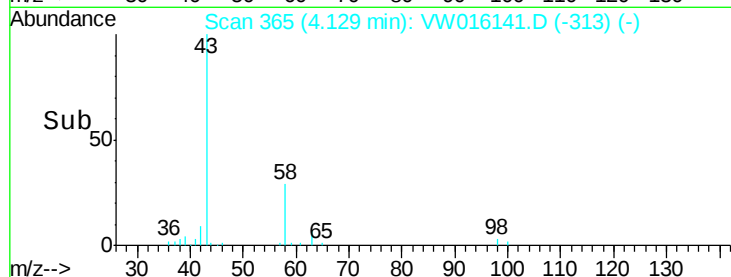
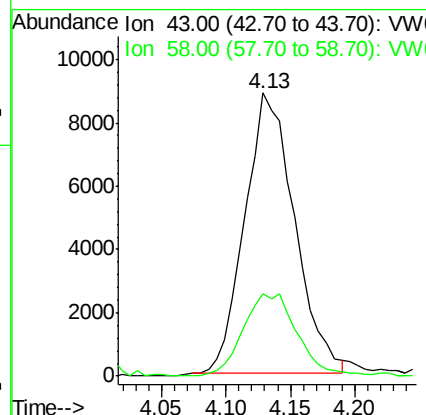
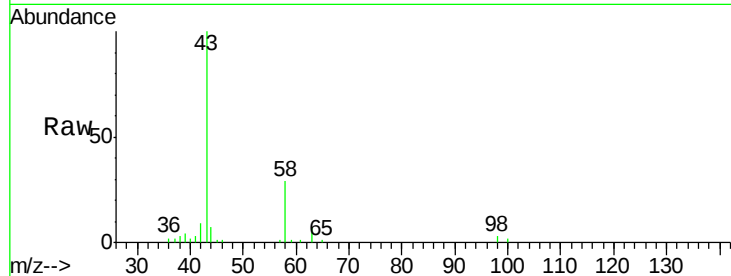




#13
Acetone
Concen: 22.597 ug/L
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW016141.D
Acq: 11 Aug 2020 17:11

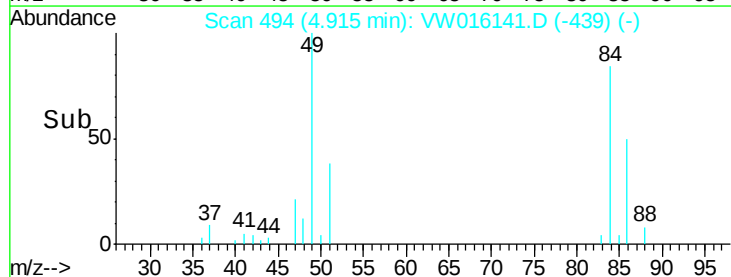
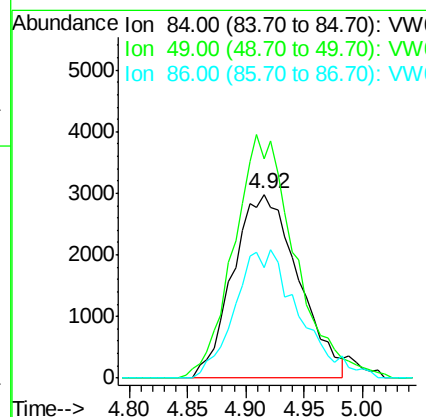
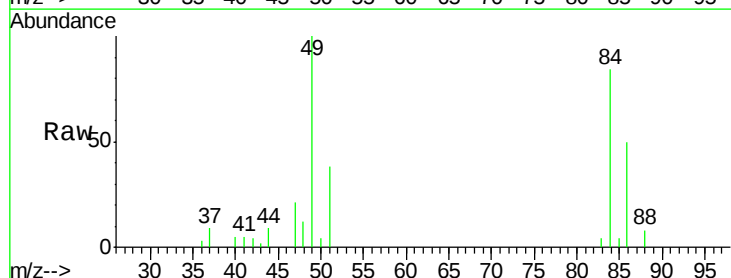
Instrument :
MSVOA_W
ClientSampleId :
GAY74

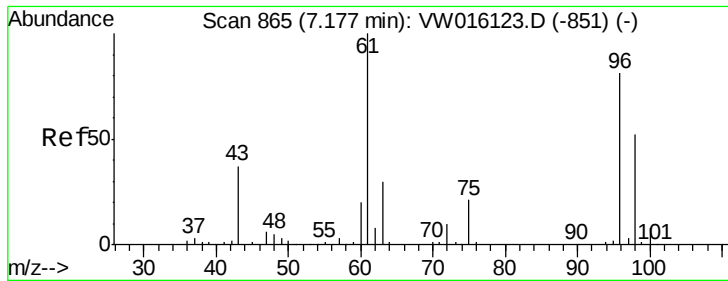
Tgt Ion: 43 Resp: 23773
Ion Ratio Lower Upper
43 100
58 32.0 0.0 59.4



#16
Methylene chloride
Concen: 1.726 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016141.D
Acq: 11 Aug 2020 17:11

Tgt Ion: 84 Resp: 11616
Ion Ratio Lower Upper
84 100
49 119.3 80.4 149.4
86 59.8 43.8 81.3





#21

2-Butanone

Concen: 3.047 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW016141.D

Acq: 11 Aug 2020 17:11

Instrument :

MSVOA_W

ClientSampled :

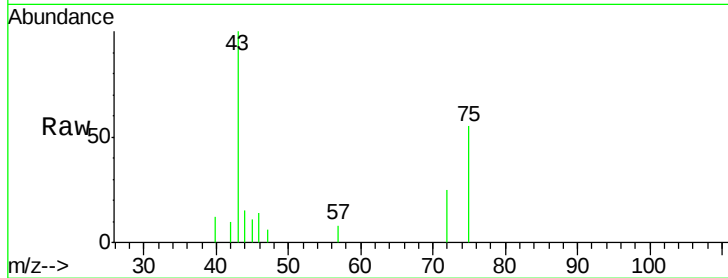
GAY74

Tgt Ion: 43 Resp: 5080

Ion Ratio Lower Upper

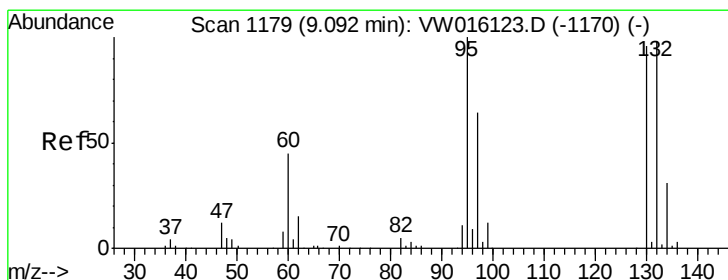
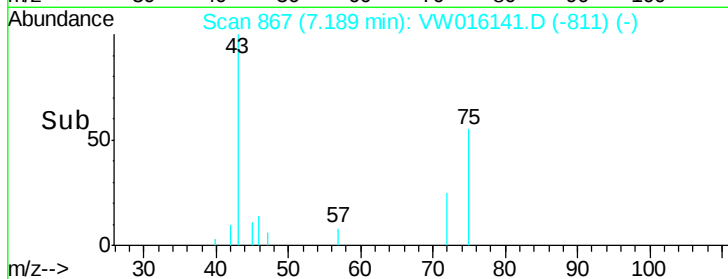
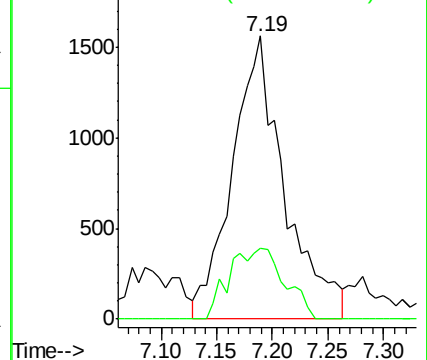
43 100

72 7.7 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 2.157 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016141.D

Acq: 11 Aug 2020 17:11

Tgt Ion: 95 Resp: 13280

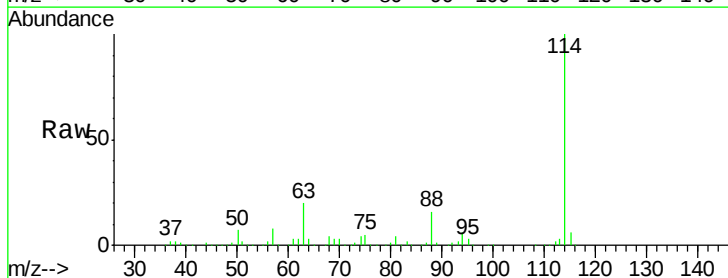
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.4 65.8 122.2#

130 0.0 69.5 129.1#

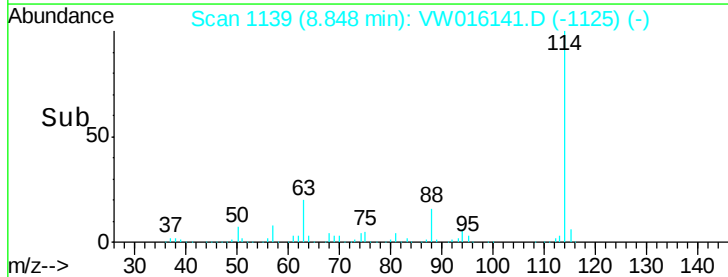
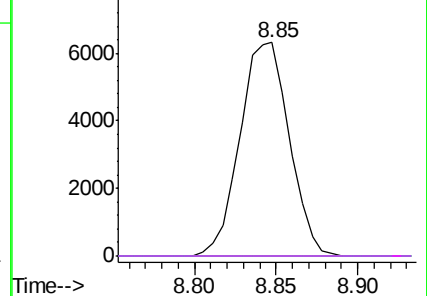


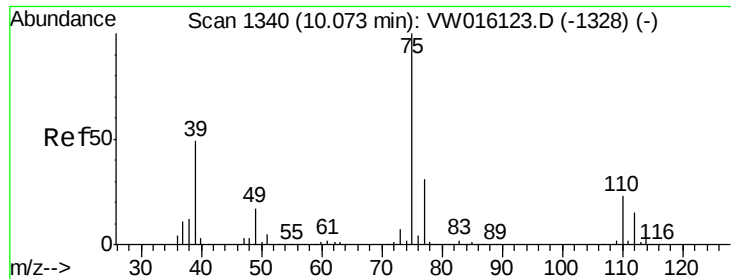
Abundance Ion 95.00 (94.70 to 95.70): VW

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

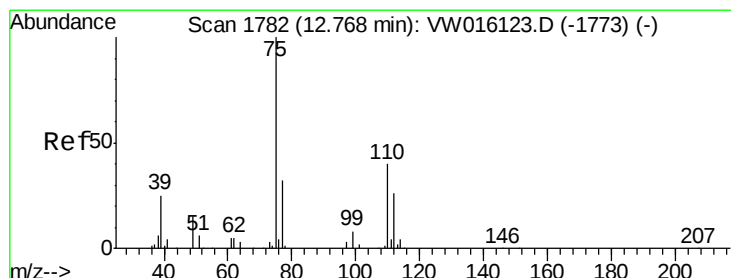
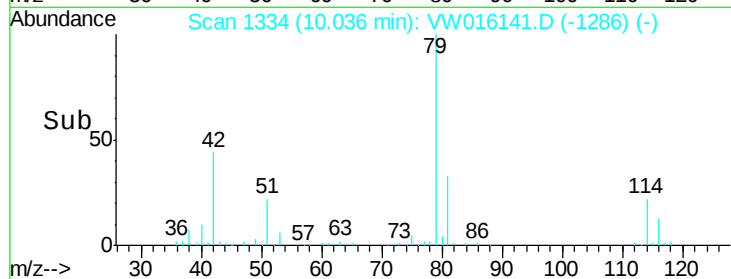
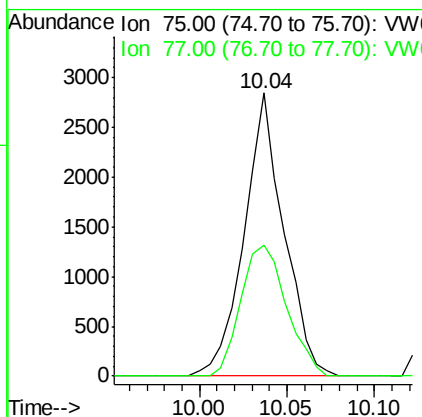
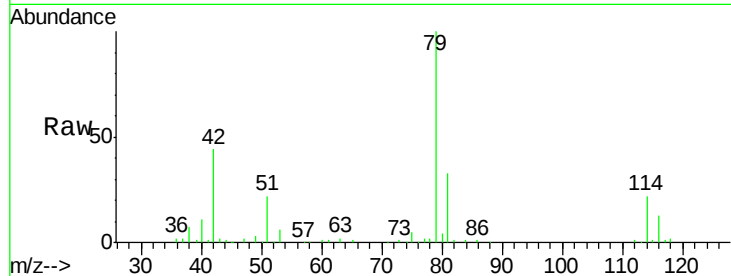




#42
 cis-1,3-Dichloropropene
 Concen: 0.522 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016141.D
 Acq: 11 Aug 2020 17:11

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY74

Tgt Ion: 75 Resp: 4472
 Ion Ratio Lower Upper
 75 100
 77 46.4 22.9 42.5#



#59
 1,2,3-Trichloropropane
 Concen: 4.496 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016141.D
 Acq: 11 Aug 2020 17:11

Tgt Ion: 75 Resp: 17589
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.9 38.9

