

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060320\
 Data File : VW015532.D
 Acq On : 03 Jun 2020 12:09
 Operator : SY/VA
 Sample : L2848-04
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 06:37:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 06:35:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	351510	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307509	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138304	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51226	15.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.60%
7) Chloroethane-d5	2.90	69	55472	17.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.28%
10) 1,1-Dichloroethene-d2	4.01	63	89239	11.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.48%
20) 2-Butanone-d5	7.09	46	34677	32.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.94%
24) Chloroform-d	7.65	84	151119	18.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.36%
26) 1,2-Dichloroethane-d4	8.31	65	83690	18.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.04%
29) Benzene-d6	8.28	84	288602	19.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.56%
33) 1,2-Dichloropropane-d6	9.27	67	90359	19.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.88%
37) Toluene-d8	10.33	98	269499	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.52%
38) trans-1,3-Dichloropropene-	10.58	79	34755	16.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.56%
39) 2-Hexanone-d5	10.93	63	27737	34.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	61274	17.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	92056	19.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.44%

Target Compounds

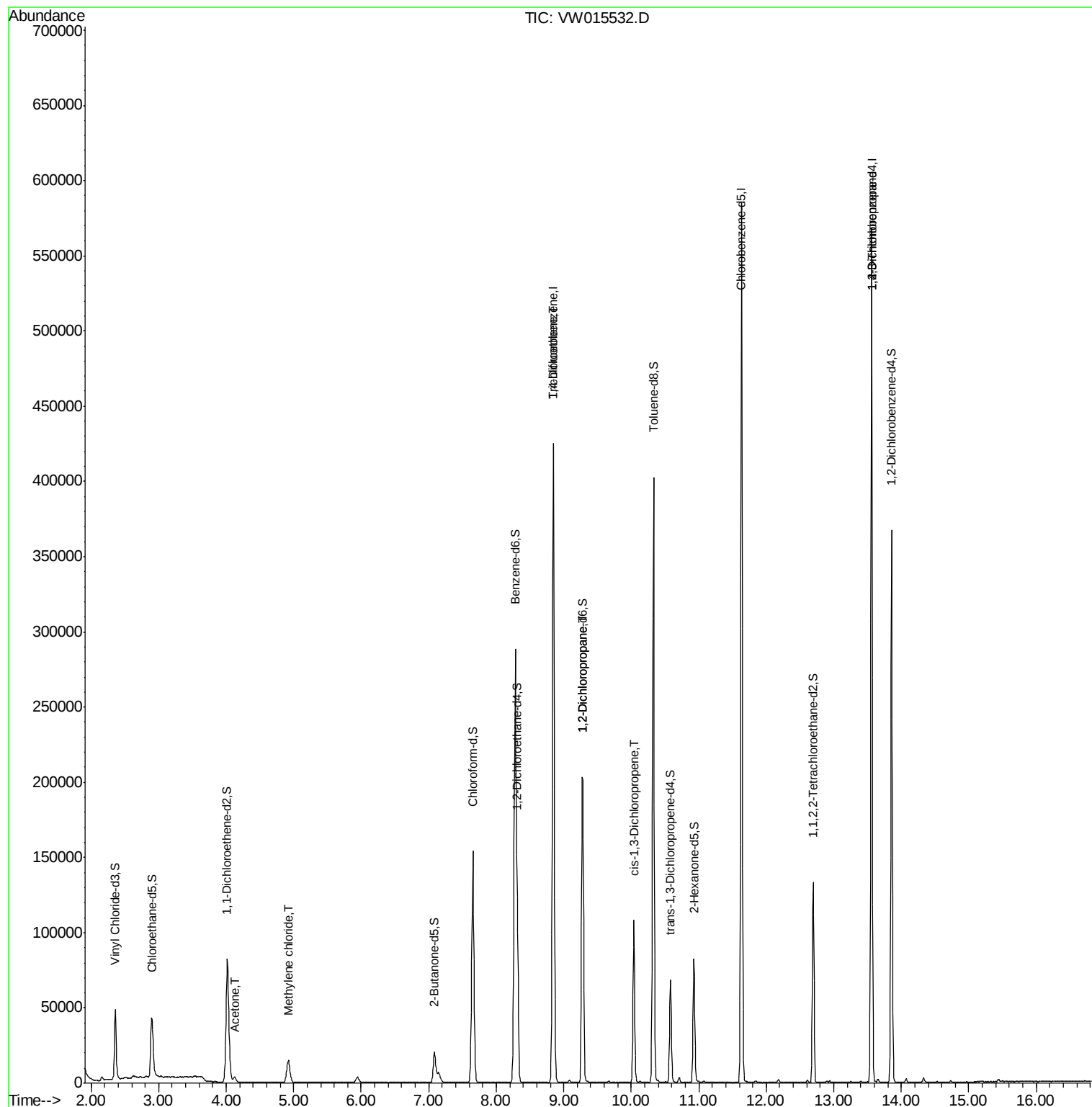
					Ovalue
13) Acetone	4.12	43	5921	7.283 ug/L	94
16) Methylene chloride	4.92	84	11654	2.701 ug/L	96
35) Trichloroethene	8.85	95	10859	2.351 ug/L #	5
40) 1,2-Dichloropropane	9.28	63	11148	2.632 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2912	0.430 ug/L #	73
59) 1,2,3-Trichloropropane	13.56	75	17843	6.861 ug/L #	88

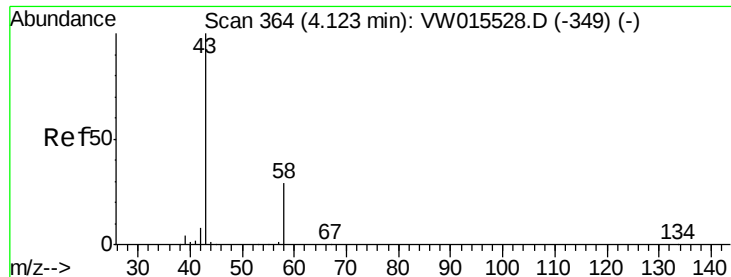
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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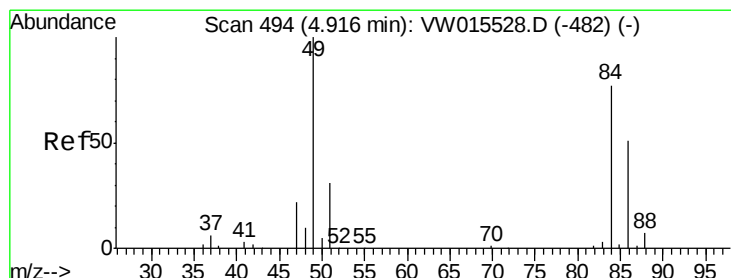
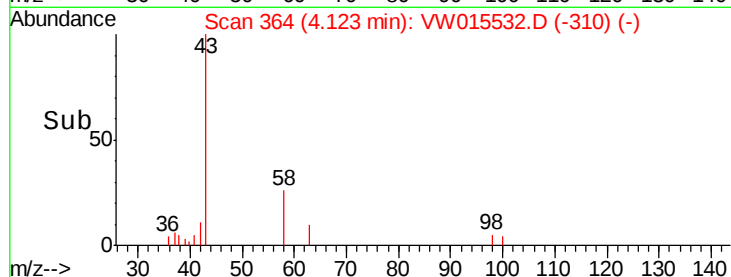
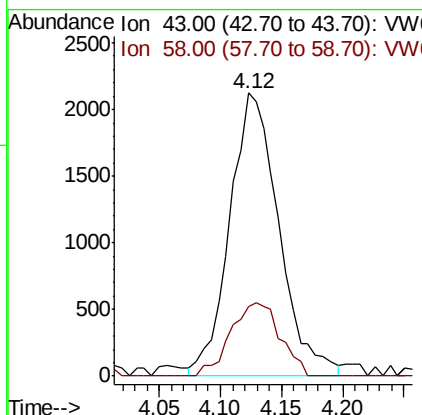
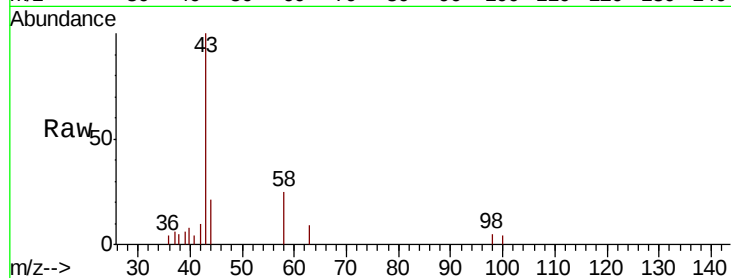




#13
Acetone
Concen: 7.283 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW015532.D
Acq: 03 Jun 2020 12:09

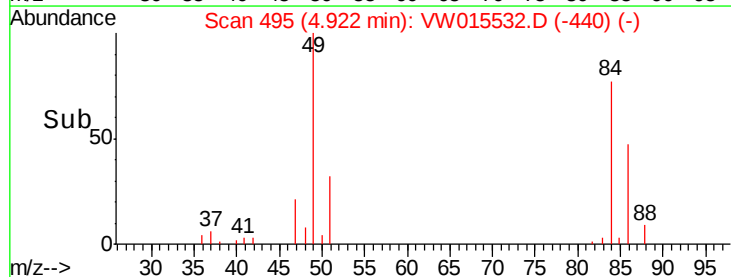
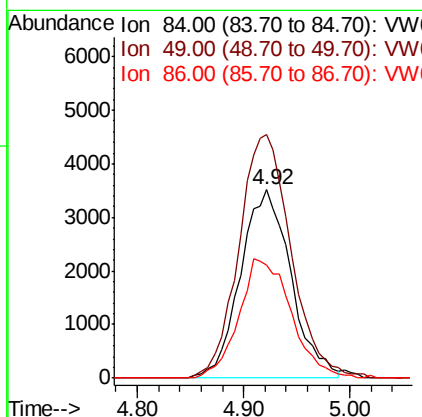
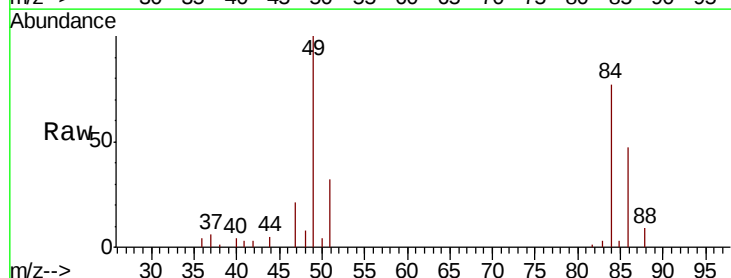
Instrument :
MSVOA_W
ClientSampled :

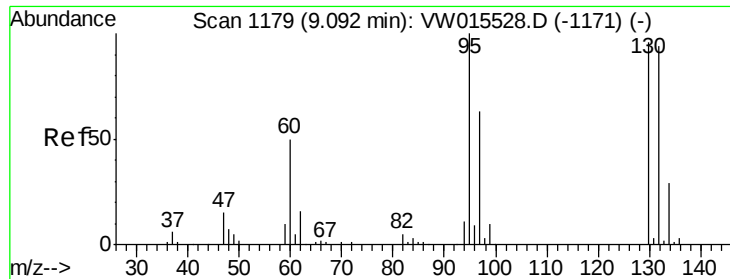
Tot Ion: 43 Resp: 5921
Ion Ratio Lower Upper
43 100
58 25.1 0.0 56.8



#16
Methylene chloride
Concen: 2.701 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015532.D
Acq: 03 Jun 2020 12:09

Tgt Ion: 84 Resp: 11654
Ion Ratio Lower Upper
84 100
49 129.3 93.0 172.8
86 60.3 44.7 83.1





#35

Trichloroethene

Concen: 2.351 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015532.D

Acq: 03 Jun 2020 12:09

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 10859

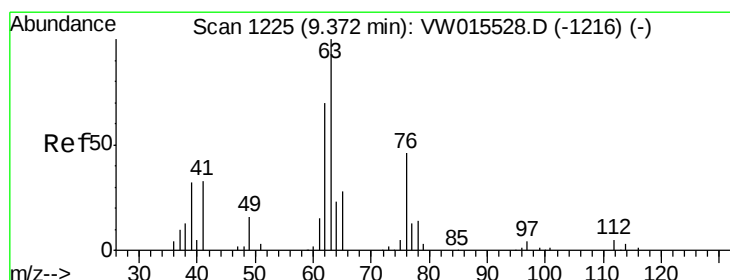
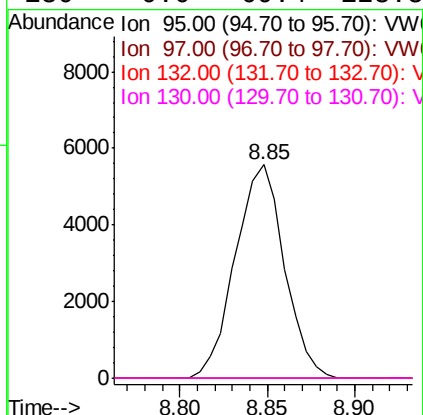
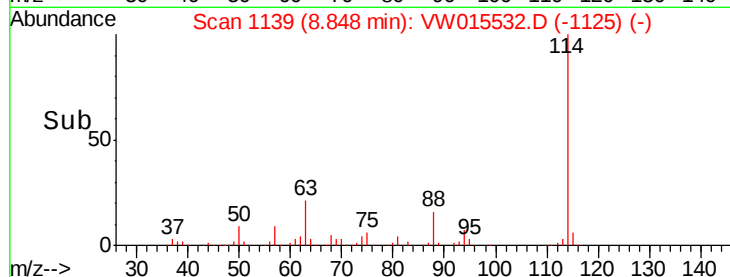
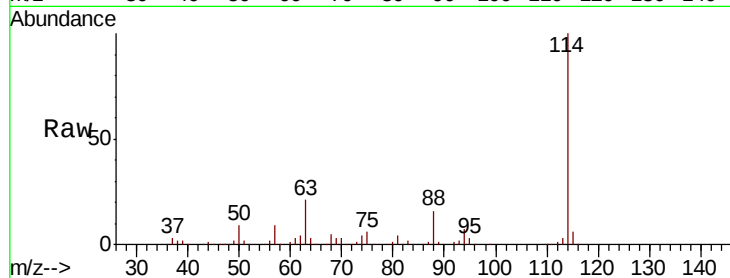
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#



#40

1,2-Dichloropropane

Concen: 2.632 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW015532.D

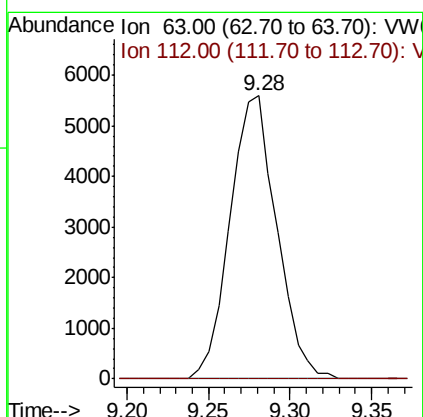
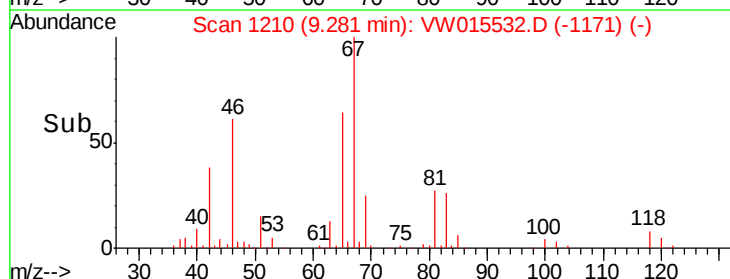
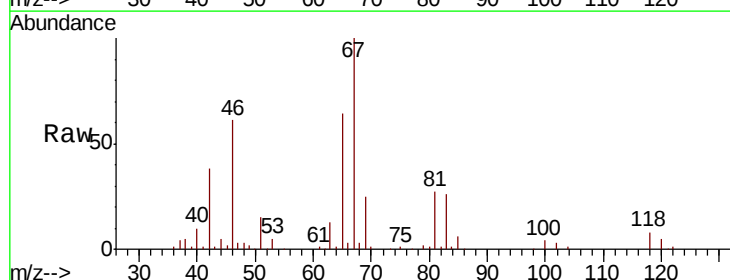
Acq: 03 Jun 2020 12:09

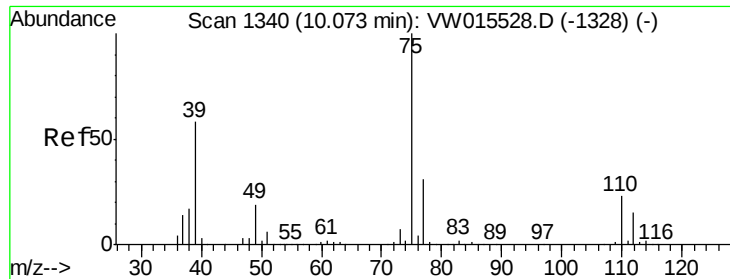
Tgt Ion: 63 Resp: 11148

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.430 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015532.D

Acq: 03 Jun 2020 12:09

Instrument :

MSVOA_W

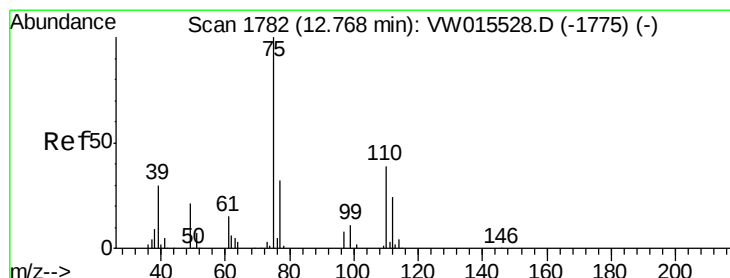
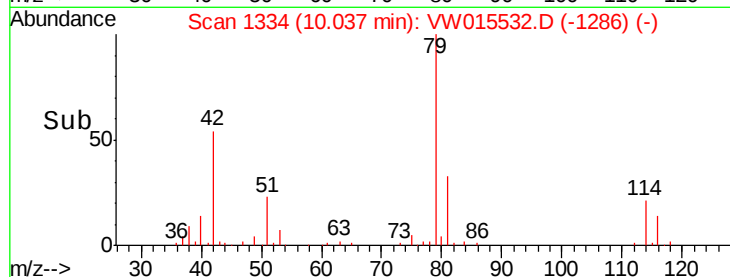
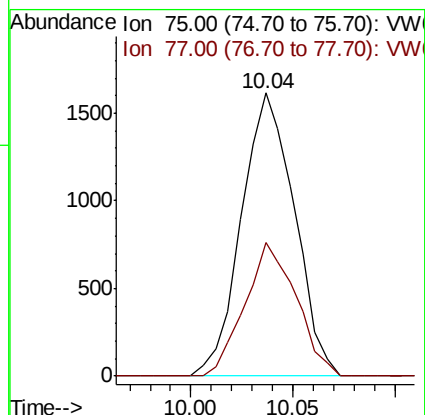
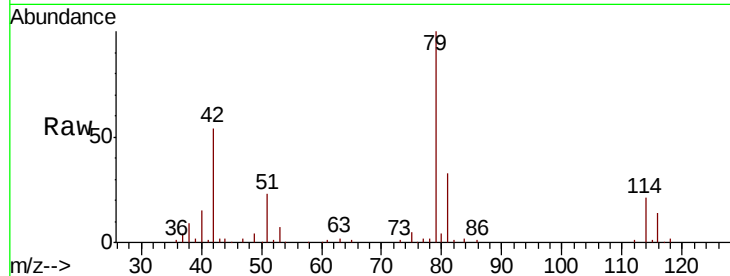
ClientSampleId :

Tot Ion: 75 Resp: 2912

Ion Ratio Lower Upper

75 100

77 47.1 22.3 41.5#



#59

1,2,3-Trichloropropane

Concen: 6.861 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015532.D

Acq: 03 Jun 2020 12:09

Tgt Ion: 75 Resp: 17843

Ion Ratio Lower Upper

75 100

77 39.1 25.9 38.9#

