

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060820\
 Data File : VW015552.D
 Acq On : 08 Jun 2020 12:53
 Operator : SY/VA
 Sample : L2754-03
 Misc : 12.13G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 09 02:04:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	346625	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	249760	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	62902	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122561	38.58	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	154.32%#
7) Chloroethane-d5	2.89	69	94926	30.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.20%
10) 1,1-Dichloroethene-d2	4.01	63	168999	21.84	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.36%
20) 2-Butanone-d5	7.10	46	53281	51.38	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.76%
24) Chloroform-d	7.65	84	209270	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.31	65	119795	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.44%
29) Benzene-d6	8.27	84	414047	33.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	135.20%#
33) 1,2-Dichloropropane-d6	9.27	67	122552	32.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.68%#
37) Toluene-d8	10.32	98	345326	29.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.00%
38) trans-1,3-Dichloropropene-	10.58	79	45400	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.48%
39) 2-Hexanone-d5	10.93	63	39042	60.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71893	25.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	51646	24.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.00%

Target Compounds

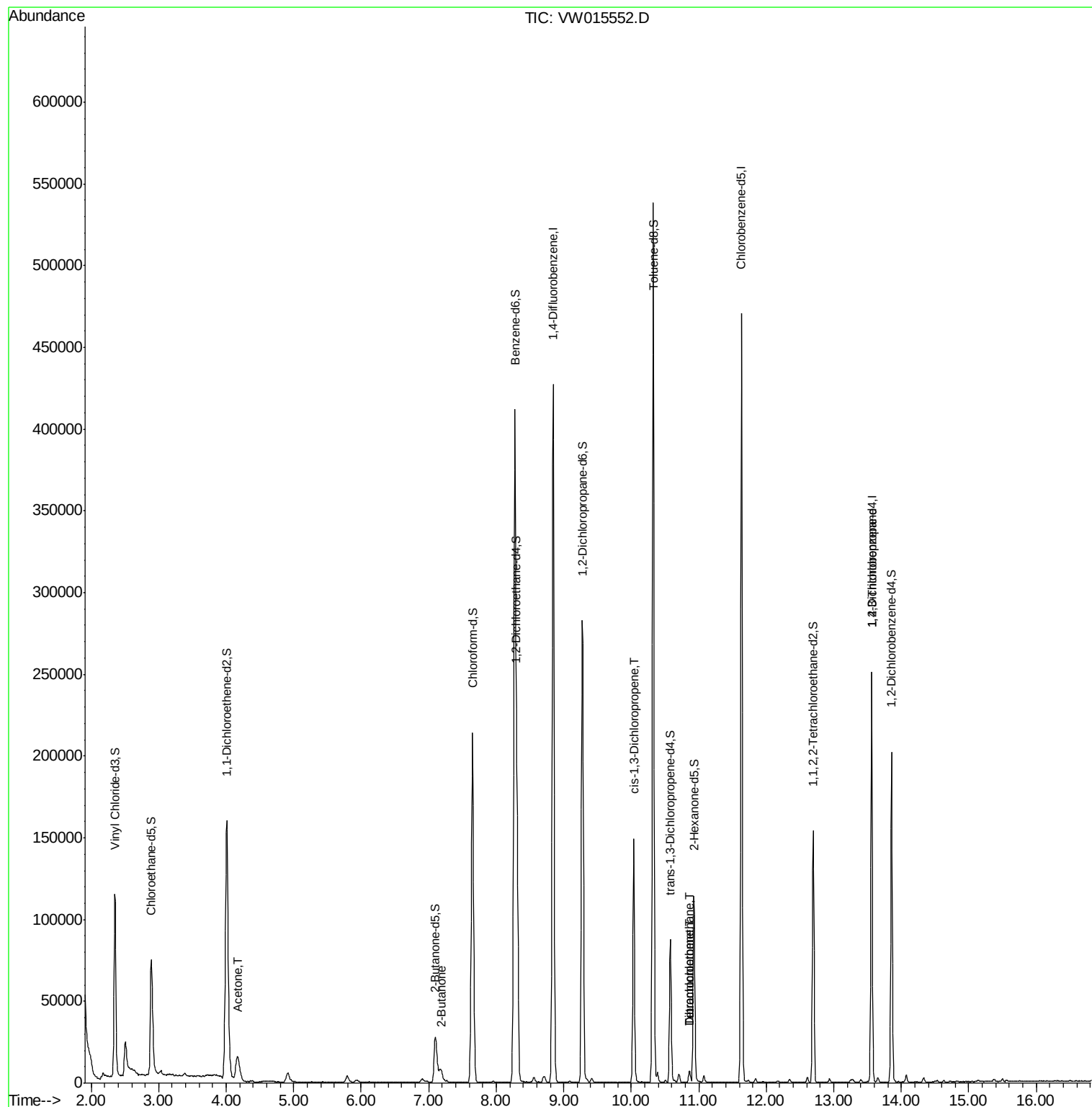
					Ovalue
13) Acetone	4.17	43	40743	50.819 ug/L	98
21) 2-Butanone	7.20	43	5288	4.294 ug/L	77
42) cis-1,3-Dichloropropene	10.04	75	3874	0.704 ug/L #	62
47) Tetrachloroethene	10.86	164	1677	0.564 ug/L	86
50) Dibromochloromethane	10.87	129	1379	0.472 ug/L #	12
59) 1,2,3-Trichloropropane	13.56	75	7930	3.754 ug/L #	87

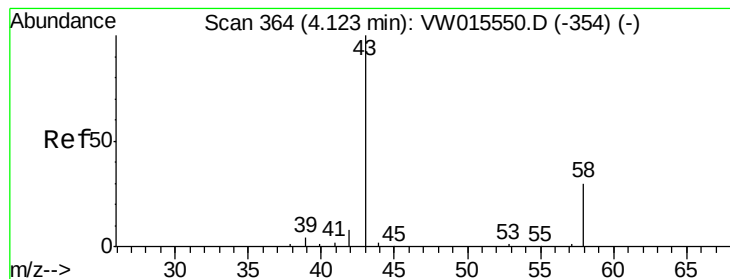
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jun 09 02:02:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 50.819 ug/L

RT: 4.17 min Scan# 372

Delta R.T. 0.05 min

Lab File: VW015552.D

Acq: 08 Jun 2020 12:53

Instrument :

MSVOA_W

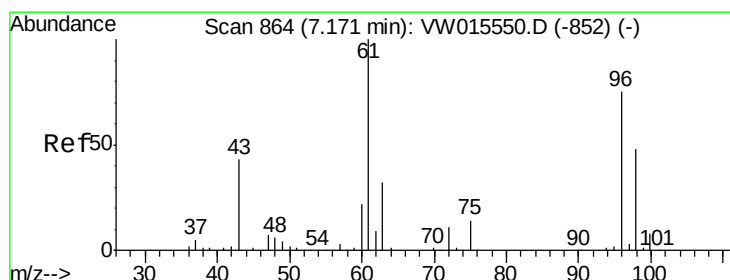
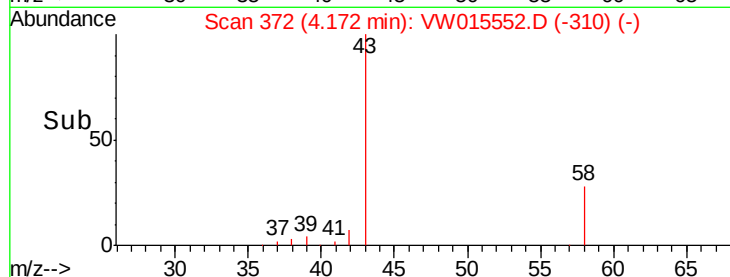
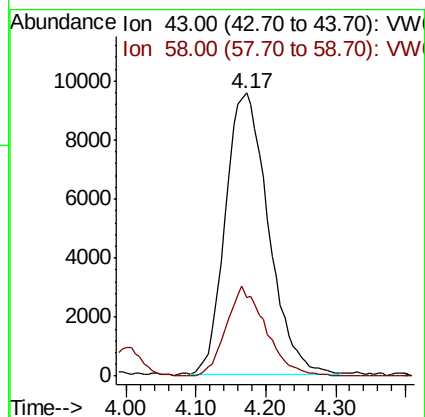
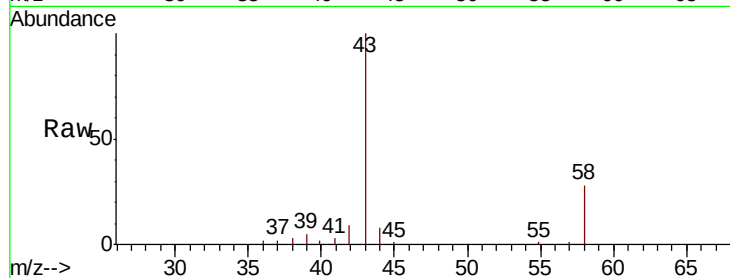
ClientSampleId :

Tot Ion: 43 Resp: 40743

Ion Ratio Lower Upper

43 100

58 29.6 0.0 56.8



#21

2-Butanone

Concen: 4.294 ug/L

RT: 7.20 min Scan# 868

Delta R.T. 0.02 min

Lab File: VW015552.D

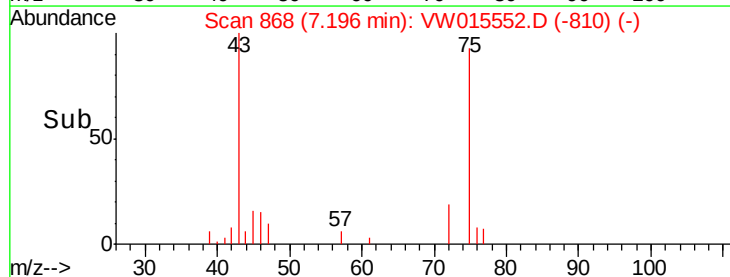
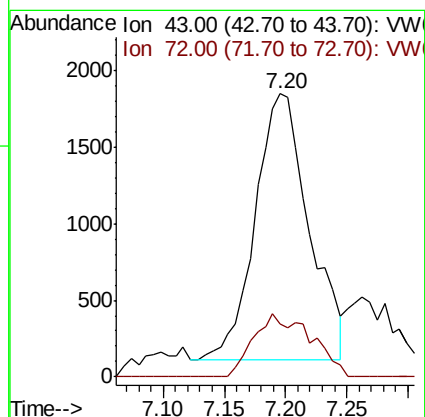
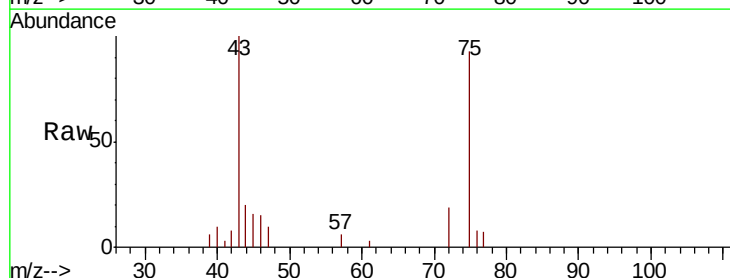
Acq: 08 Jun 2020 12:53

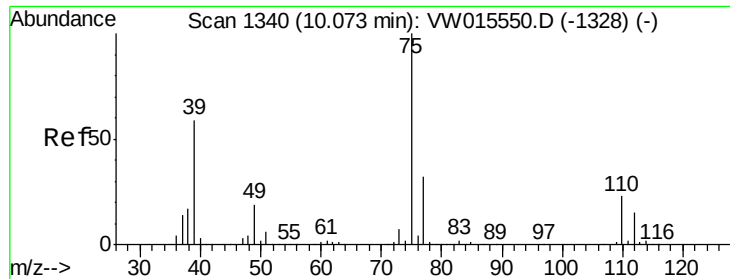
Tgt Ion: 43 Resp: 5288

Ion Ratio Lower Upper

43 100

72 14.8 13.3 39.9

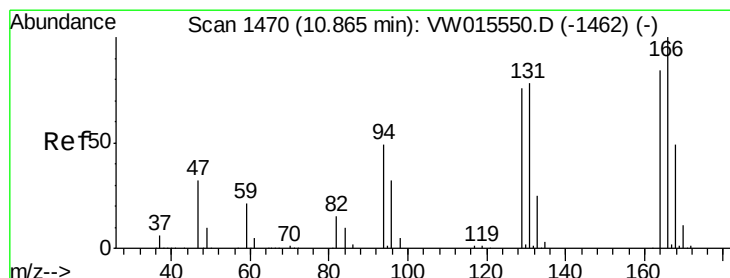
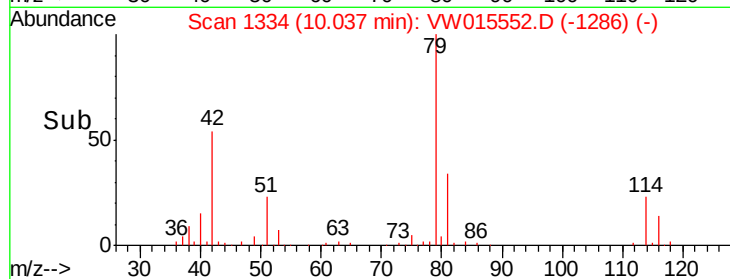
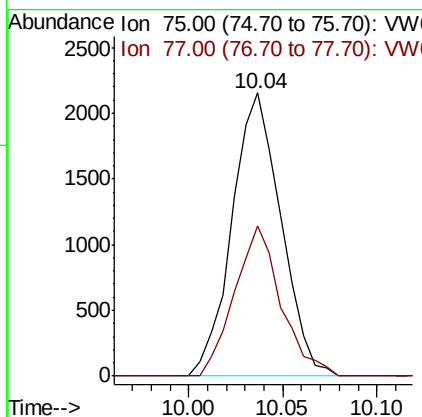
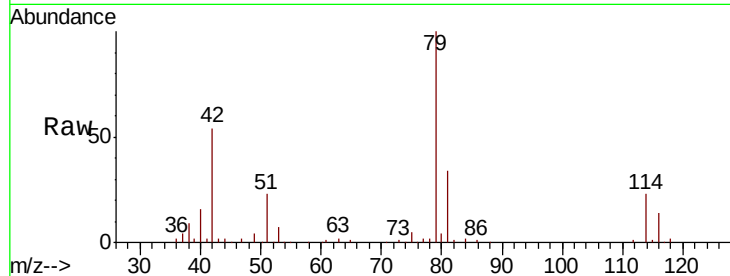




#42
 cis-1,3-Dichloropropene
 Concen: 0.704 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015552.D
 Acq: 08 Jun 2020 12:53

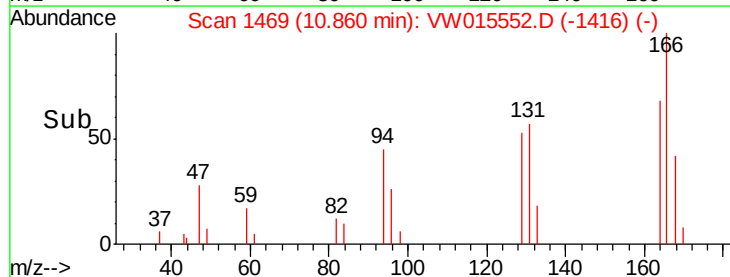
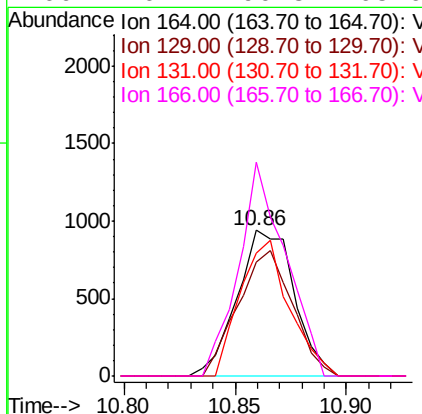
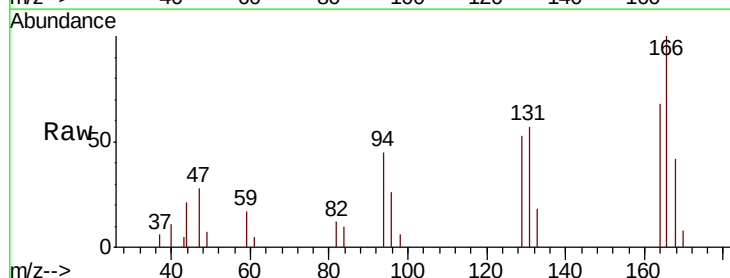
Instrument :
 MSVOA_W
 ClientSampleId :

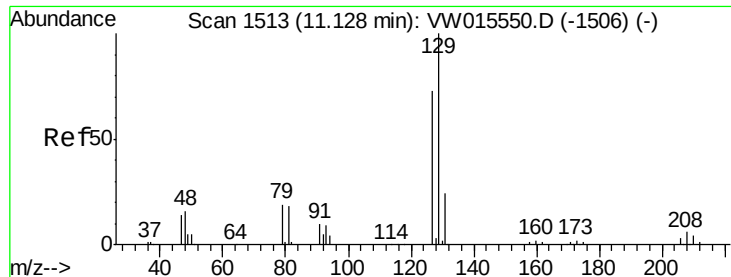
Tot Ion: 75 Resp: 3874
 Ion Ratio Lower Upper
 75 100
 77 53.2 22.3 41.5#



#47
 Tetrachloroethene
 Concen: 0.564 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: VW015552.D
 Acq: 08 Jun 2020 12:53

Tgt Ion:164 Resp: 1677
 Ion Ratio Lower Upper
 164 100
 129 78.1 66.3 123.1
 131 84.0 65.1 120.9
 166 146.4 90.8 168.6





#50

Dibromochloromethane

Concen: 0.472 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW015552.D

Acq: 08 Jun 2020 12:53

Instrument :

MSVOA_W

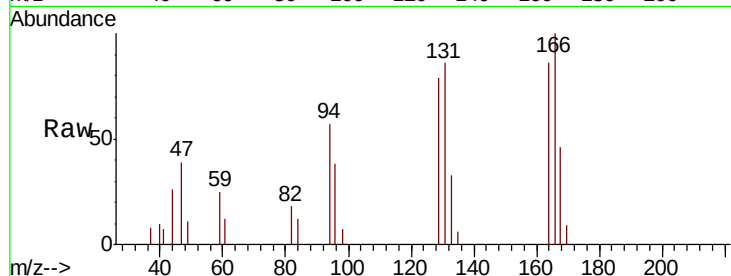
ClientSampleId :

Tot Ion:129 Resp: 1379

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

800

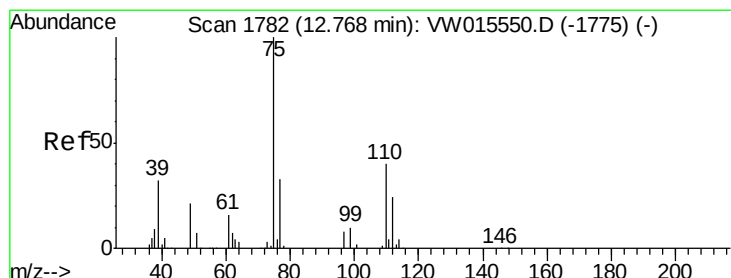
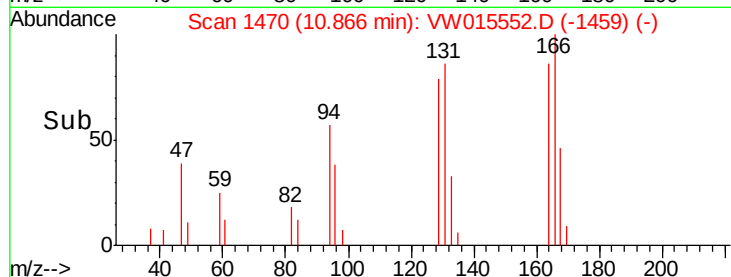
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.754 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015552.D

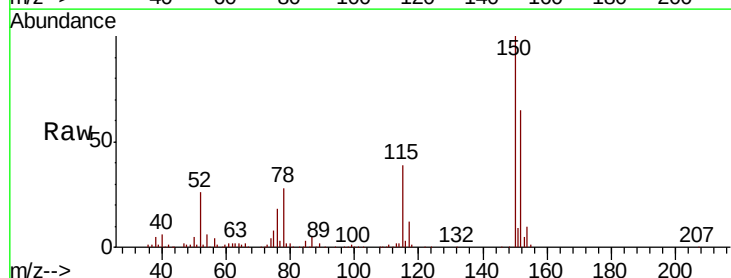
Acq: 08 Jun 2020 12:53

Tgt Ion: 75 Resp: 7930

Ion Ratio Lower Upper

75 100

77 39.7 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

5000

4000

3000

2000

1000

0

Time-->

