

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015453.D
 Acq On : 22 May 2020 15:52
 Operator : SY/VA
 Sample : L2754-01
 Misc : 14.96G/10.0mL/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	342440	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306626	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136429	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	41596	9.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	38.84%
7) Chloroethane-d5	2.89	69	60770	14.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.84%
10) 1,1-Dichloroethene-d2	4.01	63	95274	10.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.72%#
20) 2-Butanone-d5	7.08	46	98967	86.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.96%#
24) Chloroform-d	7.65	84	166897	19.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	8.31	65	115970	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	8.27	84	320195	19.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.36%
33) 1,2-Dichloropropane-d6	9.27	67	106124	20.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.48%
37) Toluene-d8	10.32	98	301302	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.68%
38) trans-1,3-Dichloropropene-	10.58	79	52616	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.96%
39) 2-Hexanone-d5	10.93	63	81683	86.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	173.92%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122398	31.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.84%#
61) 1,2-Dichlorobenzene-d4	13.85	152	99845	20.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.48%

Target Compounds

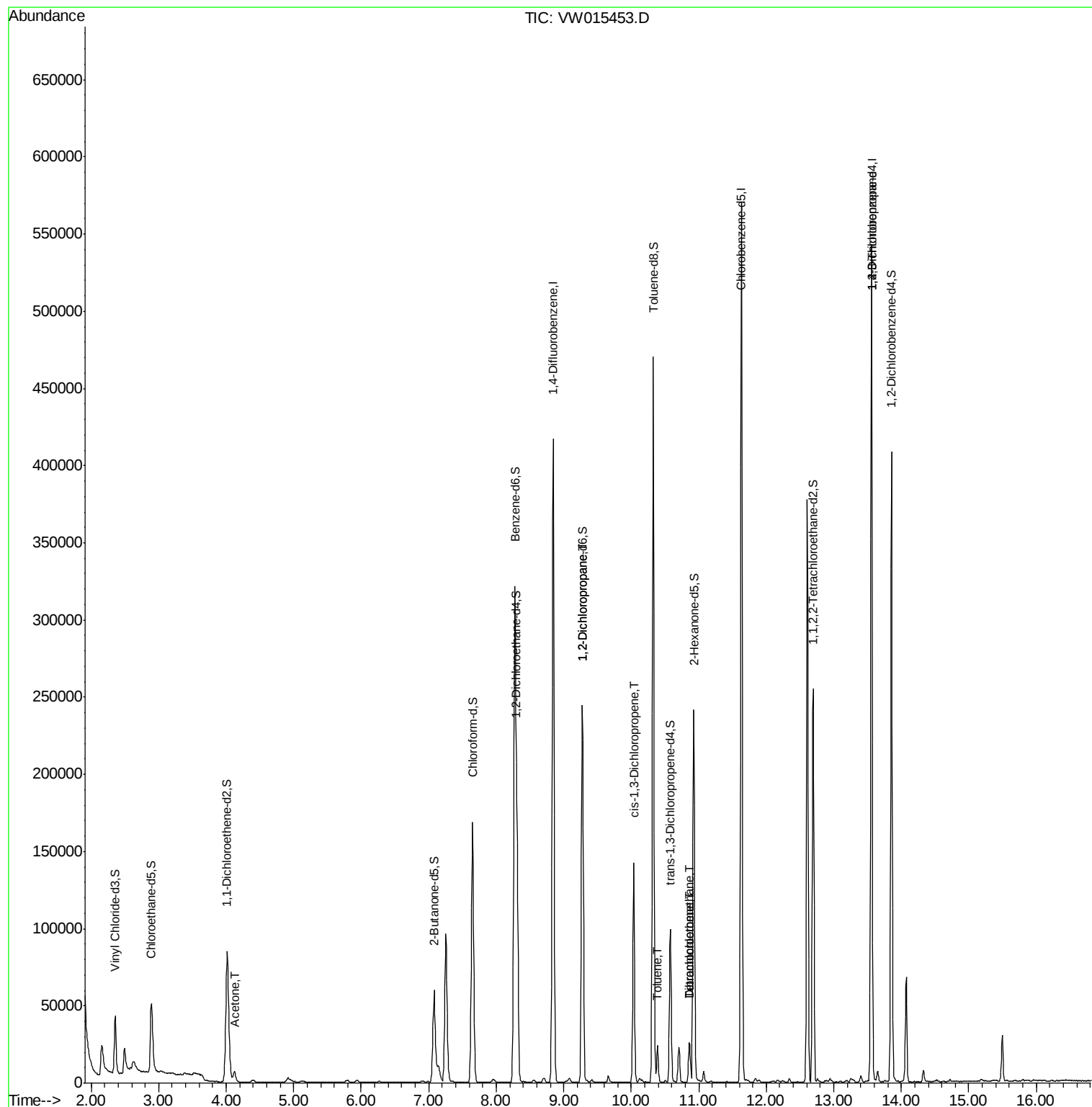
					Ovalue
13) Acetone	4.12	43	11127	12.840	ug/L 99
40) 1,2-Dichloropropane	9.27	63	12686	2.830	ug/L # 86
42) cis-1,3-Dichloropropene	10.04	75	3754	0.519	ug/L # 77
44) Toluene	10.39	91	17070	0.871	ug/L 96
47) Tetrachloroethene	10.87	164	5820	1.614	ug/L 97
50) Dibromochloromethane	10.86	129	5518	1.451	ug/L # 10
59) 1,2,3-Trichloropropane	13.56	75	17716	6.239	ug/L 89

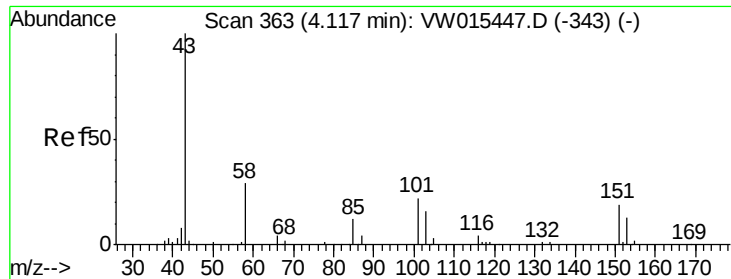
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 23 03:53:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 12.840 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015453.D

Acq: 22 May 2020 15:52

Instrument :

MSVOA_W

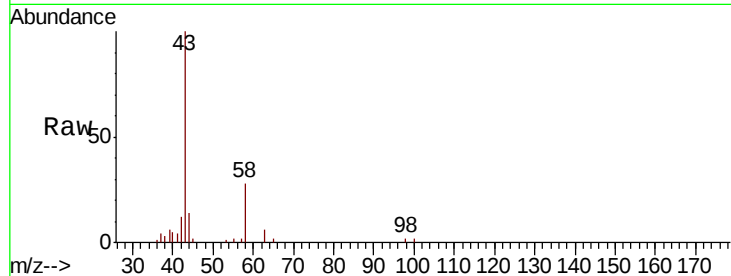
ClientSampleId :

Tot Ion: 43 Resp: 11127

Ion Ratio Lower Upper

43 100

58 28.0 0.0 57.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

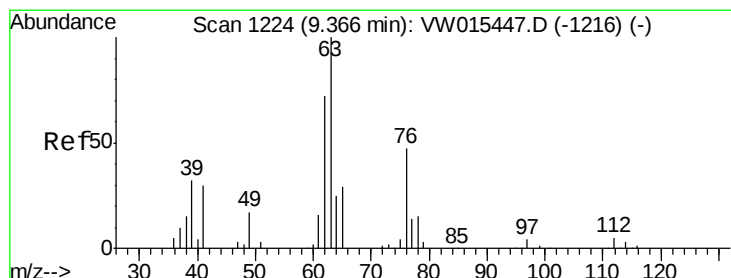
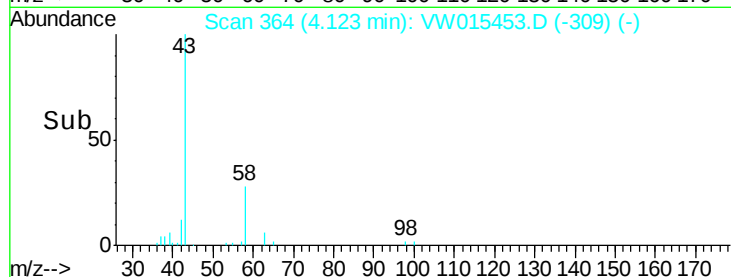
2000

1000

0

Time-->

4.00 4.10 4.20



#40

1,2-Dichloropropane

Concen: 2.830 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015453.D

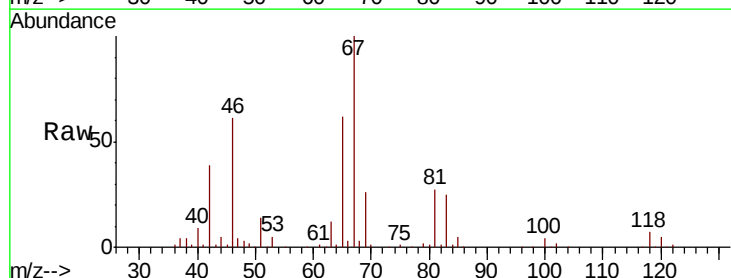
Acq: 22 May 2020 15:52

Tgt Ion: 63 Resp: 12686

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

9.27

6000

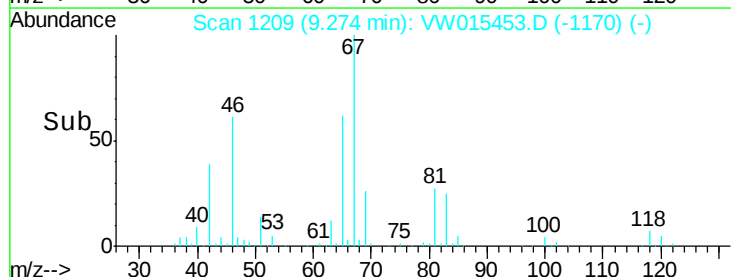
4000

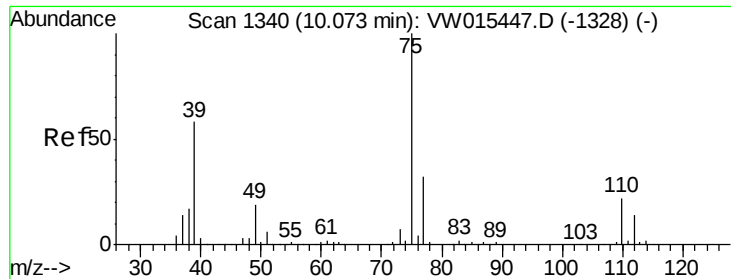
2000

0

Time-->

9.20 9.25 9.30 9.35





#42

cis-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015453.D

Acq: 22 May 2020 15:52

Instrument :

MSVOA_W

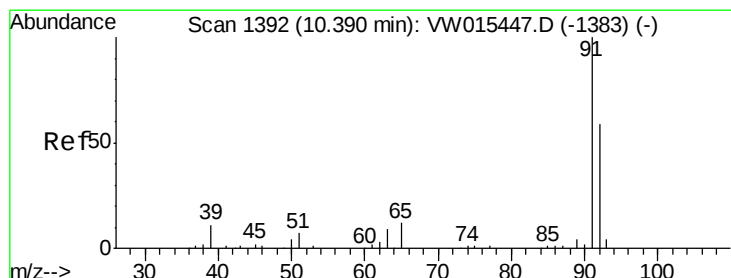
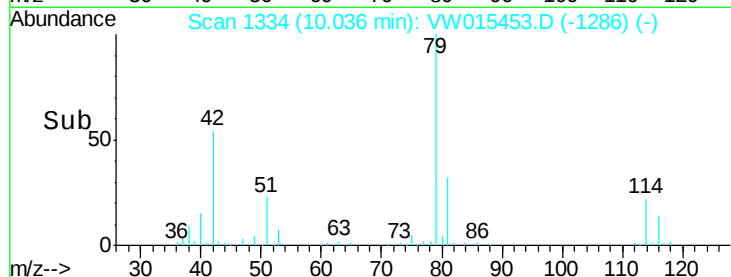
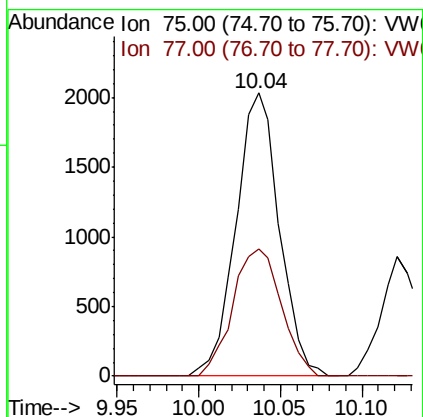
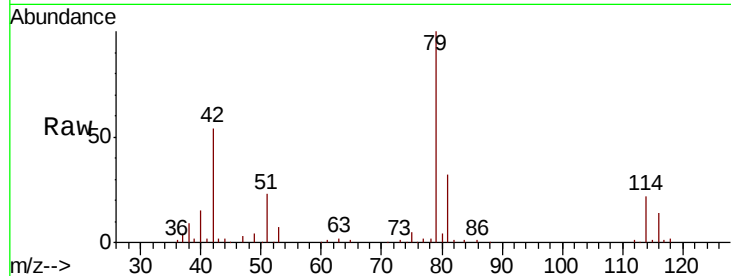
ClientSampleId :

Tot Ion: 75 Resp: 3754

Ion Ratio Lower Upper

75 100

77 45.0 22.4 41.6#



#44

Toluene

Concen: 0.871 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015453.D

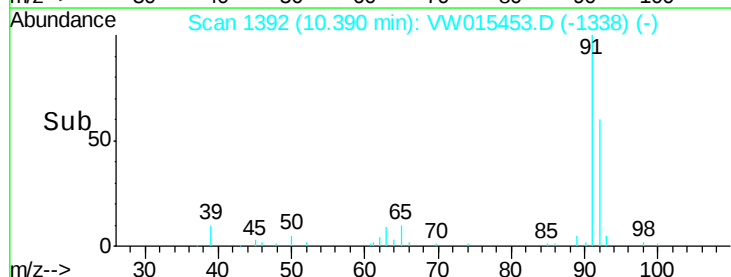
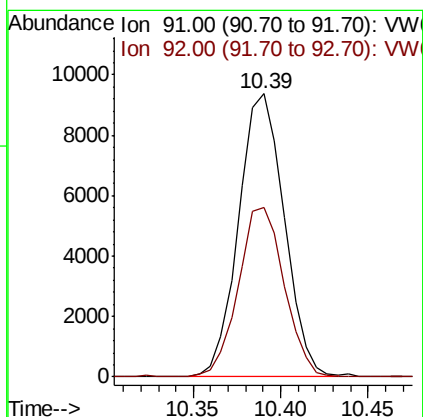
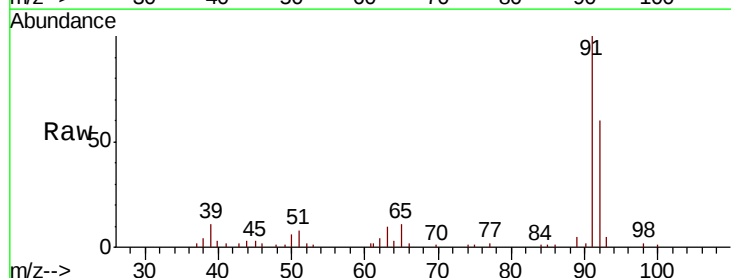
Acq: 22 May 2020 15:52

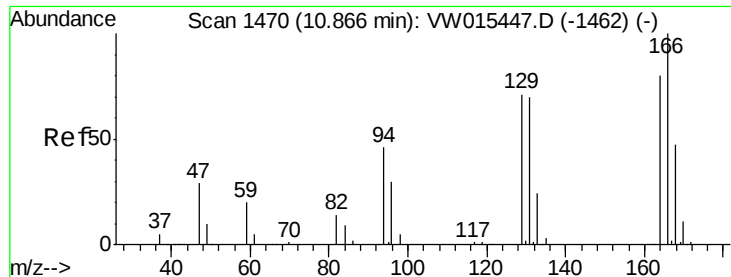
Tgt Ion: 91 Resp: 17070

Ion Ratio Lower Upper

91 100

92 59.8 39.8 74.0

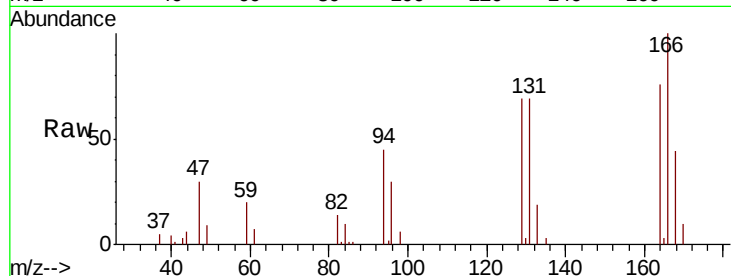




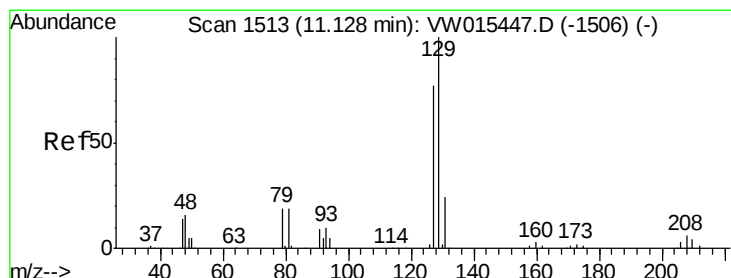
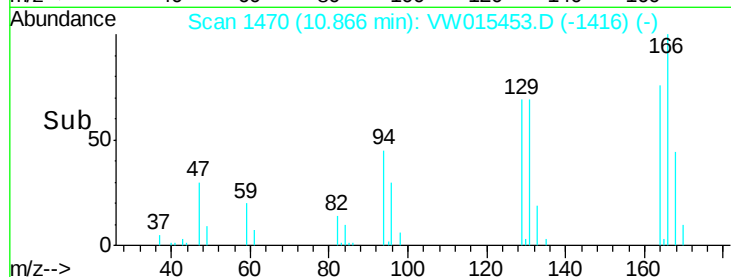
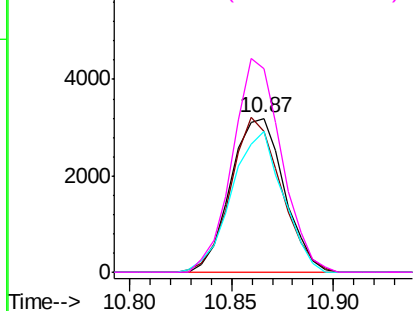
#47
Tetrachloroethene
Concen: 1.614 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015453.D
Acq: 22 May 2020 15:52

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:164 Resp: 5820
Ion Ratio Lower Upper
164 100
129 91.6 65.8 122.2
131 91.6 63.7 118.3
166 132.4 88.8 165.0

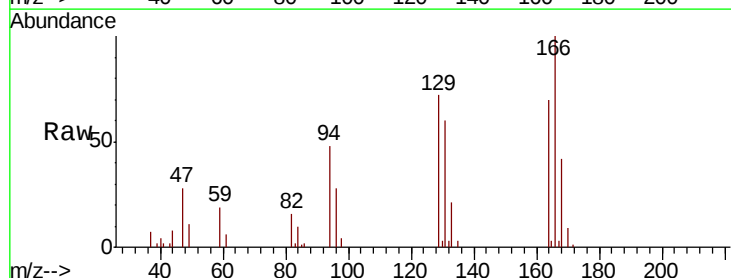


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

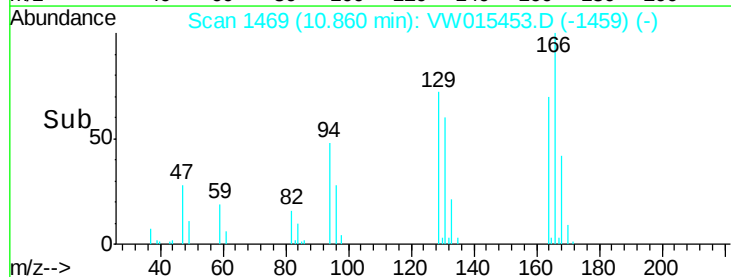
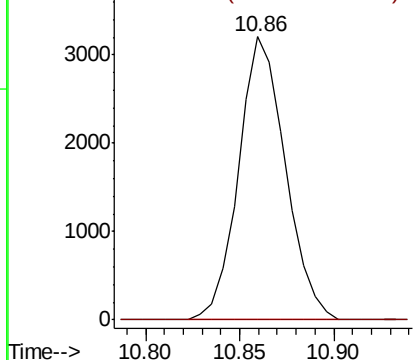


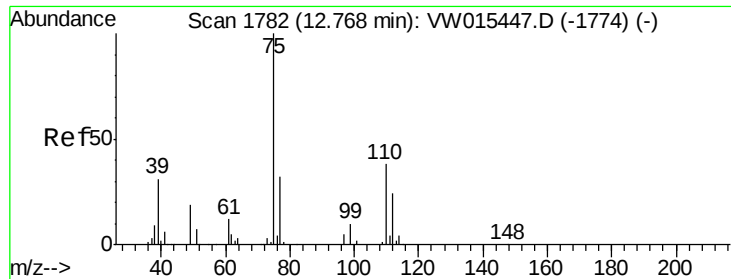
#50
Dibromochloromethane
Concen: 1.451 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW015453.D
Acq: 22 May 2020 15:52

Tgt Ion:129 Resp: 5518
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 6.239 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015453.D

Acq: 22 May 2020 15:52

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 17716

Ion Ratio Lower Upper

75 100

77 38.3 25.9 38.9

