

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016066.D
 Acq On : 07 Aug 2020 10:37
 Operator : SY/VA
 Sample : L3579-01
 Misc : 5.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	347952	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297174	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112013	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72685	14.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.20%
7) Chloroethane-d5	2.89	69	65870	16.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.08%
10) 1,1-Dichloroethene-d2	4.01	63	127301	12.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.28%
20) 2-Butanone-d5	7.09	46	41587	32.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.50%
24) Chloroform-d	7.65	84	194431	19.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	8.30	65	98678	18.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.56%
29) Benzene-d6	8.28	84	384907	21.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.12%
33) 1,2-Dichloropropane-d6	9.27	67	113833	20.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.96%
37) Toluene-d8	10.33	98	337487	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.40%
38) trans-1,3-Dichloropropene-	10.58	79	44438	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.92%
39) 2-Hexanone-d5	10.93	63	35645	39.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.96%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	83686	20.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	95639	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds

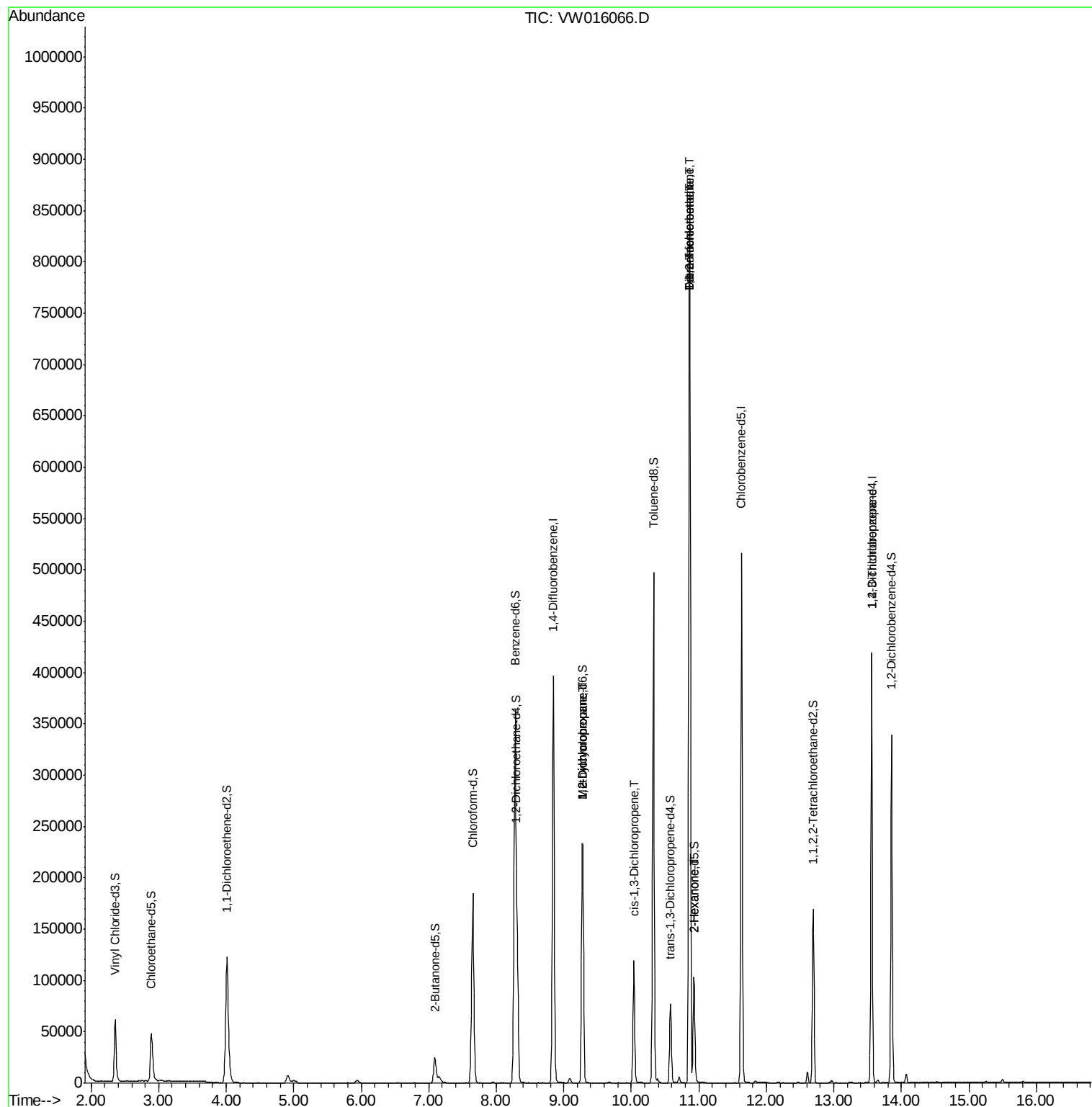
					Ovalue
36) Methylcyclohexane	9.28	83	28707	3.504 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	12417	2.777 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2949	0.433 ug/L #	63
46) 1,1,2-Trichloroethane	10.87	97	1665	0.518 ug/L #	12
47) Tetrachloroethene	10.87	164	202978	54.769 ug/L	98
49) 2-Hexanone	10.93	43	4685	2.530 ug/L #	65
50) Dibromochloromethane	10.87	129	195969	52.643 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	11834	4.183 ug/L	92

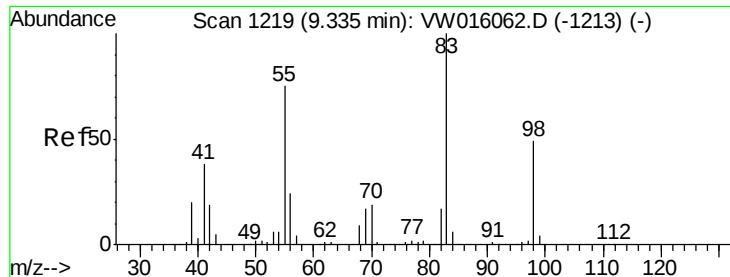
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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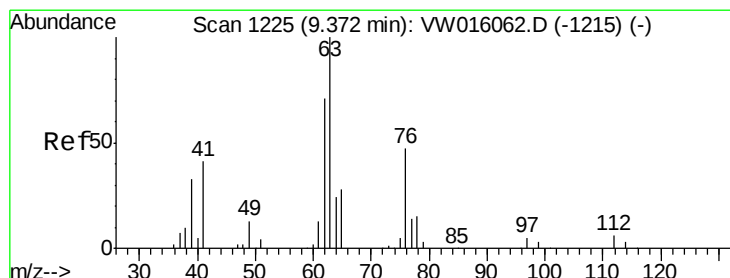
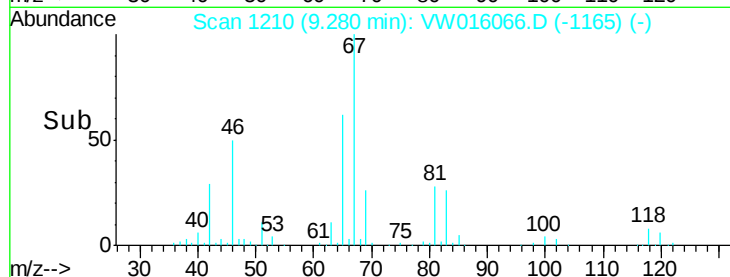
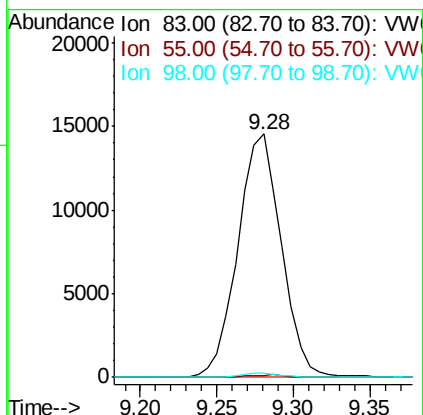
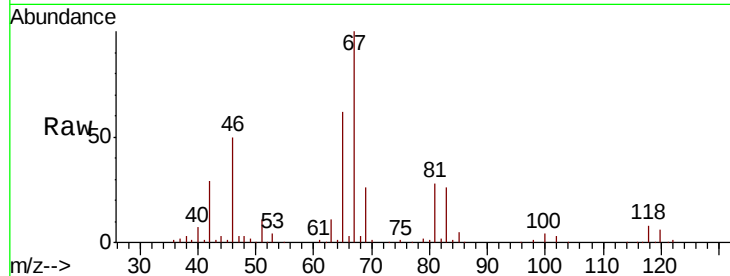




#36
Methylcyclohexane
Concen: 3.504 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016066.D
Acq: 07 Aug 2020 10:37

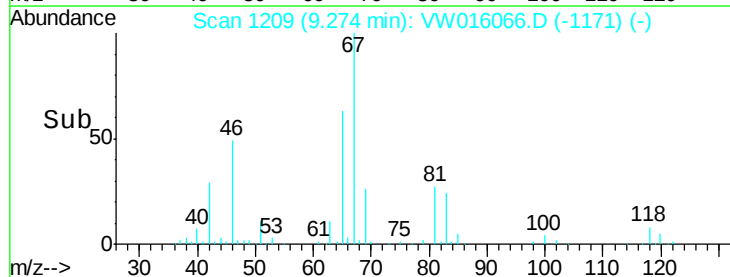
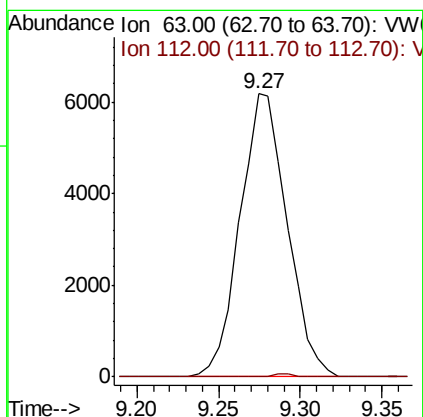
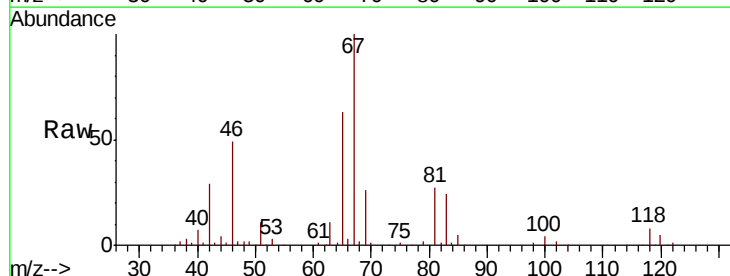
Instrument :
MSVOA_W
ClientSampled :

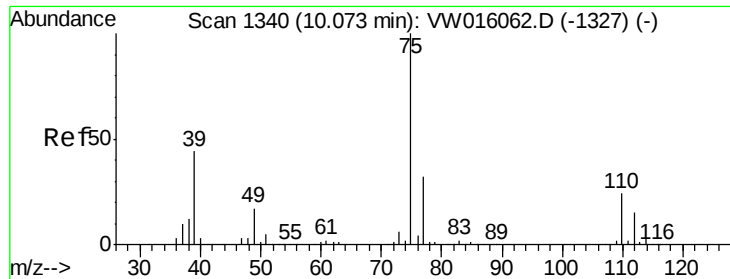
Tot Ion: 83 Resp: 28707
Ion Ratio Lower Upper
83 100
55 0.4 63.5 95.3#
98 1.7 39.0 58.4#



#40
1,2-Dichloropropane
Concen: 2.777 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016066.D
Acq: 07 Aug 2020 10:37

Tgt Ion: 63 Resp: 12417
Ion Ratio Lower Upper
63 100
112 0.4 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016066.D

Acq: 07 Aug 2020 10:37

Instrument :

MSVOA_W

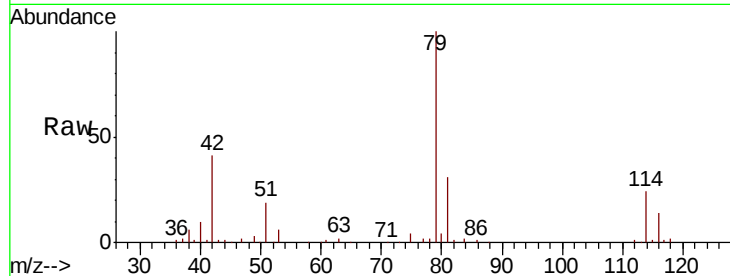
ClientSampleId :

Tot Ion: 75 Resp: 2949

Ion Ratio Lower Upper

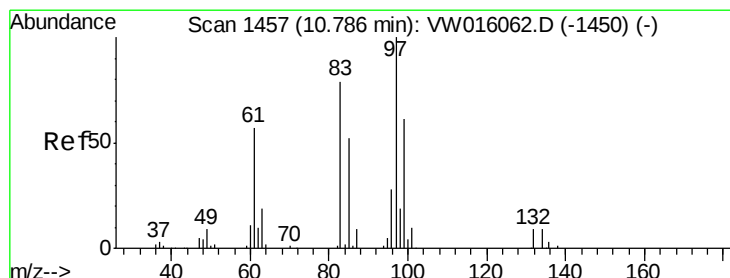
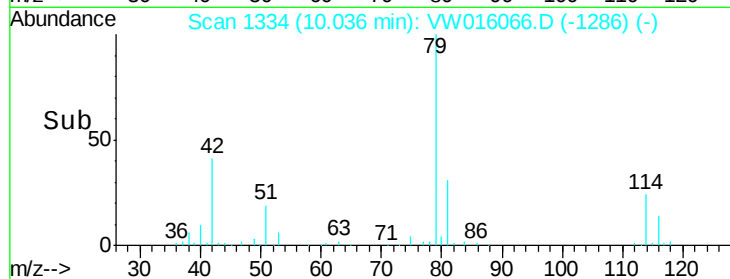
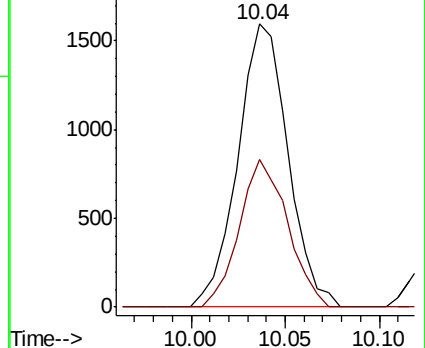
75 100

77 52.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#46

1,1,2-Trichloroethane

Concen: 0.518 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.08 min

Lab File: VW016066.D

Acq: 07 Aug 2020 10:37

Tgt Ion: 97 Resp: 1665

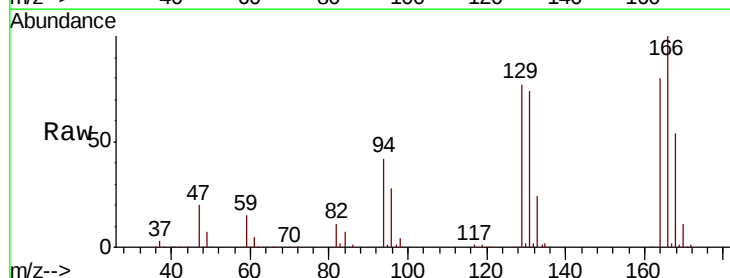
Ion Ratio Lower Upper

97 100

83 232.4 60.6 112.6#

85 44.8 38.9 72.2

99 18.3 43.1 80.1#

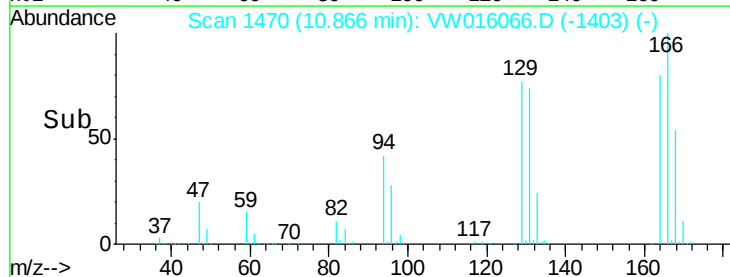
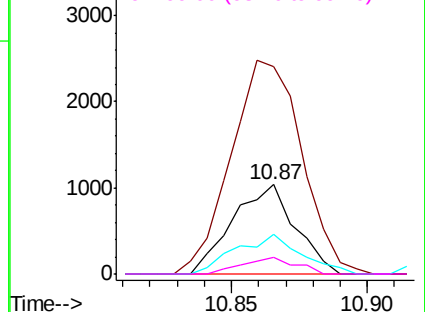


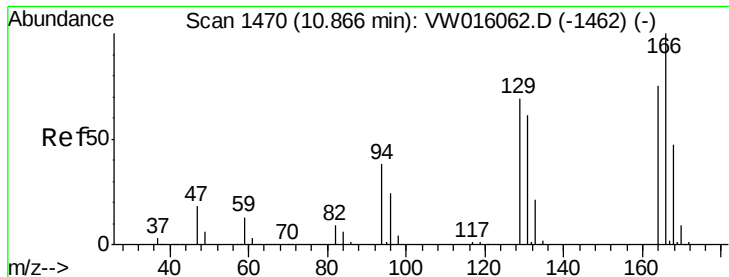
Abundance Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW





#47

Tetrachloroethene

Concen: 54.769 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016066.D

Acq: 07 Aug 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 202978

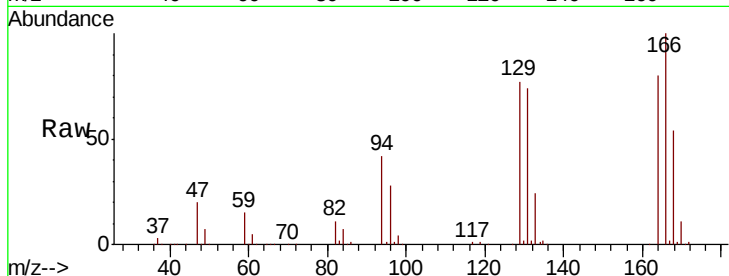
Ion Ratio Lower Upper

164 100

129 97.2 70.0 130.0

131 92.8 67.3 124.9

166 125.6 88.5 164.3

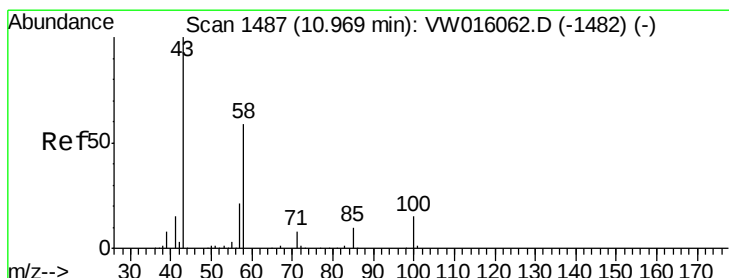
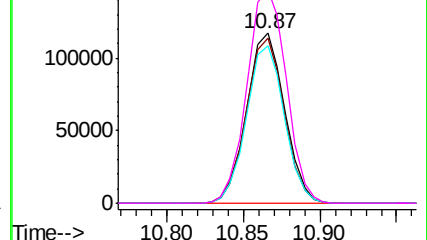
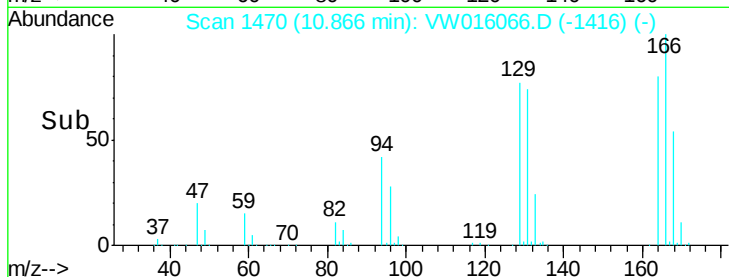


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

2-Hexanone

Concen: 2.530 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016066.D

Acq: 07 Aug 2020 10:37

Tgt Ion: 43 Resp: 4685

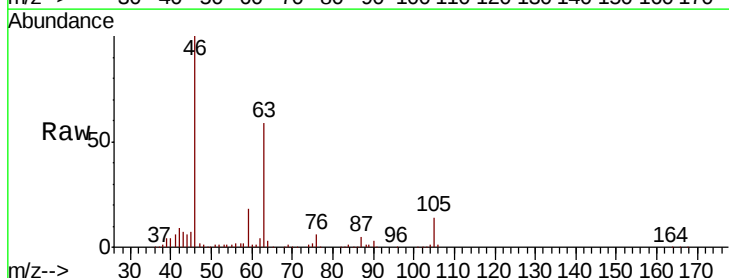
Ion Ratio Lower Upper

43 100

58 22.9 42.4 63.6#

57 26.6 15.6 23.4#

100 0.0 9.8 14.6#

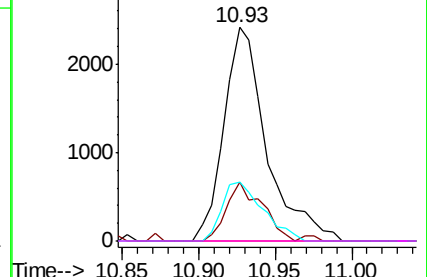
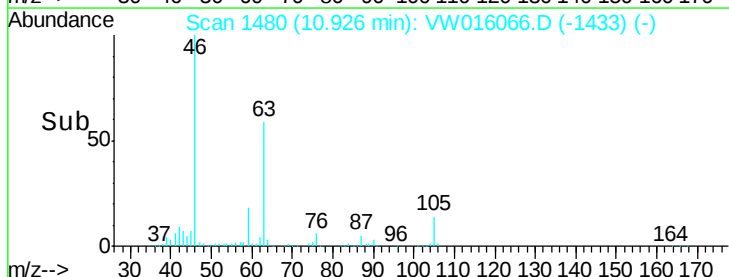


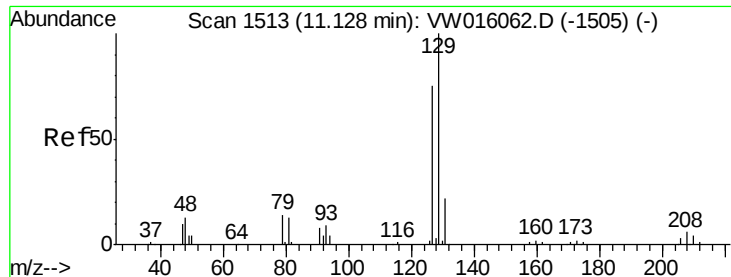
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 52.643 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016066.D

Acq: 07 Aug 2020 10:37

Instrument :

MSVOA_W

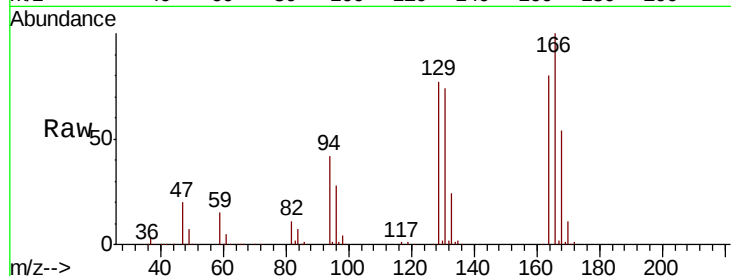
ClientSampleId :

Tot Ion:129 Resp: 195969

Ion Ratio Lower Upper

129 100

127 0.1 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

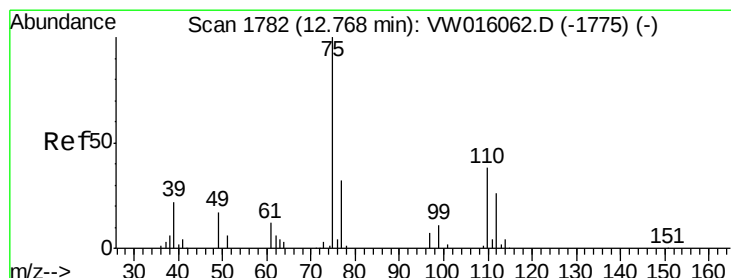
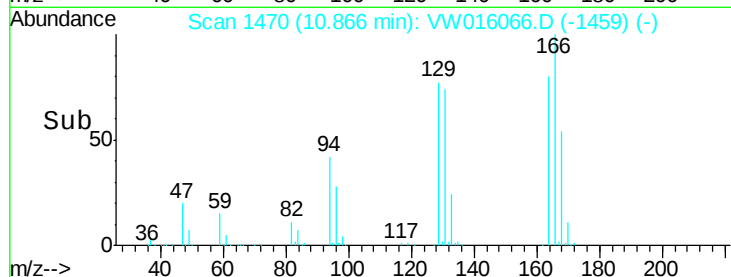
100000

50000

0

Time-->

10.80 10.90



#59

1,2,3-Trichloropropane

Concen: 4.183 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016066.D

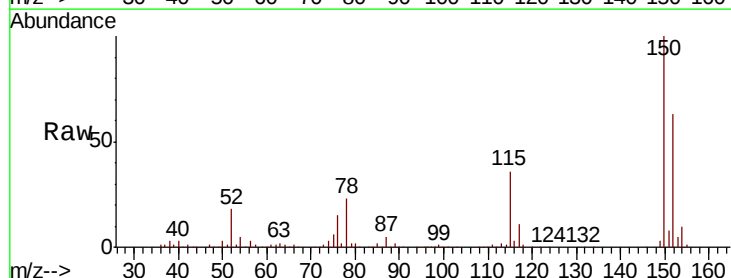
Acq: 07 Aug 2020 10:37

Tgt Ion: 75 Resp: 11834

Ion Ratio Lower Upper

75 100

77 37.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

8000

6000

4000

2000

0

Time-->

13.50 13.55 13.60

