

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017179.D
 Acq On : 12 Nov 2020 13:00
 Operator : SY/VA
 Sample : VIBLK29
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK29

Quant Time: Nov 13 04:19:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	399371	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182422	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127367	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.80%
7) Chloroethane-d5	2.90	69	109147	26.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.52%
10) 1,1-Dichloroethene-d2	4.02	63	172028	18.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.36%
20) 2-Butanone-d5	7.09	46	59552	50.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.16%
24) Chloroform-d	7.65	84	259502	26.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.32%
26) 1,2-Dichloroethane-d4	8.31	65	134855	27.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.08%
29) Benzene-d6	8.28	84	499317	24.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.20%
33) 1,2-Dichloropropane-d6	9.28	67	142034	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.00%
37) Toluene-d8	10.33	98	462818	24.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.52%
38) trans-1,3-Dichloropropene-	10.59	79	60436	23.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.32%
39) 2-Hexanone-d5	10.93	63	48401	49.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126588	25.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	174961	27.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.88%

Target Compounds

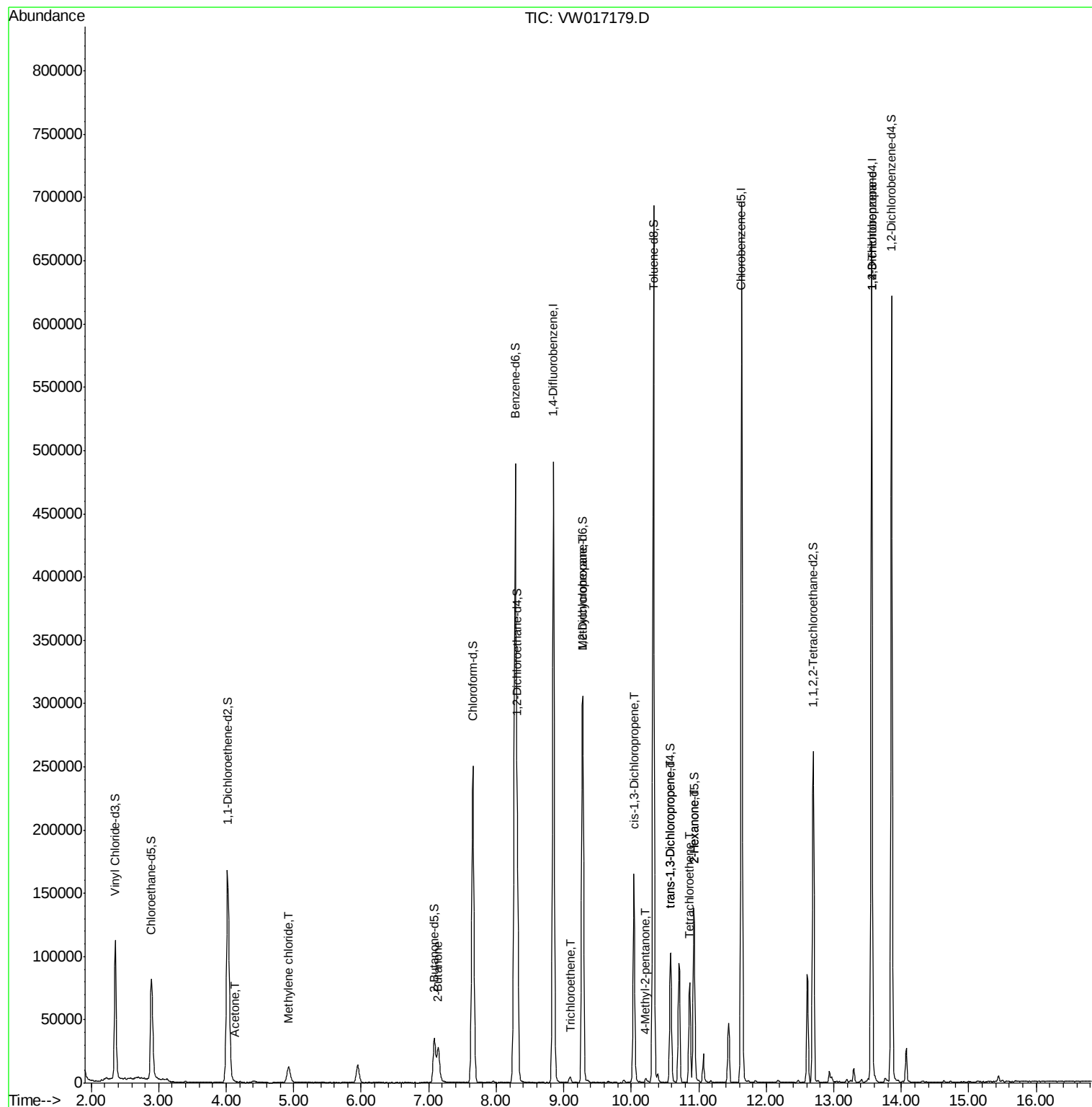
					Ovalue
13) Acetone	4.14	43	289	0.363 ug/L	54
16) Methylene chloride	4.92	84	5387	0.946 ug/L	92
21) 2-Butanone	7.14	43	1592	1.245 ug/L #	42
35) Trichloroethene	9.09	95	1338	0.228 ug/L #	89
36) Methylcyclohexane	9.28	83	37621	3.980 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4599	0.592 ug/L	89
43) 4-Methyl-2-pentanone	10.21	43	2182	0.721 ug/L	91
45) trans-1,3-Dichloropropene	10.58	75	3050	0.457 ug/L #	80
47) Tetrachloroethene	10.87	164	19326	3.646 ug/L	97
49) 2-Hexanone	10.93	43	5709	3.131 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	19991	5.696 ug/L	94

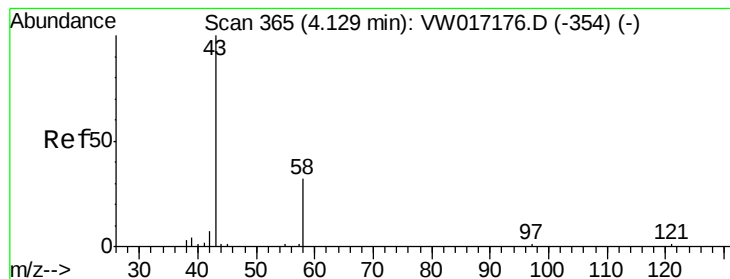
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.363 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017179.D

Acq: 12 Nov 2020 13:00

Instrument :

MSVOA_W

ClientSampled :

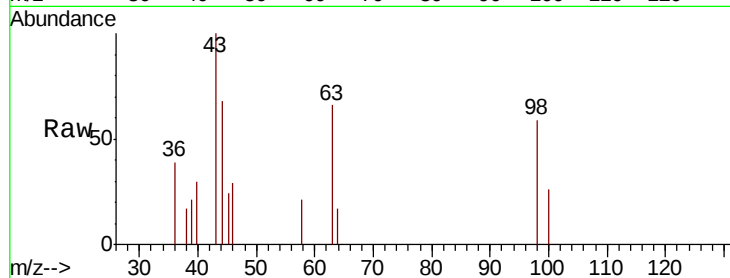
VIBLK29

Tot Ion: 43 Resp: 289

Ion Ratio Lower Upper

43 100

58 8.0 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

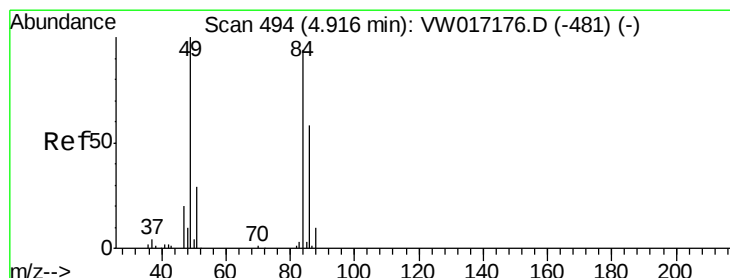
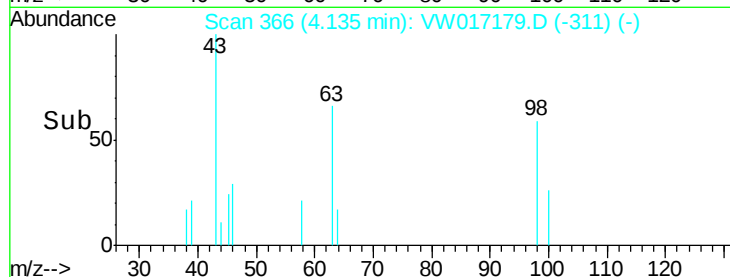
300

200

100

0

Time-->



#16

Methylene chloride

Concen: 0.946 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017179.D

Acq: 12 Nov 2020 13:00

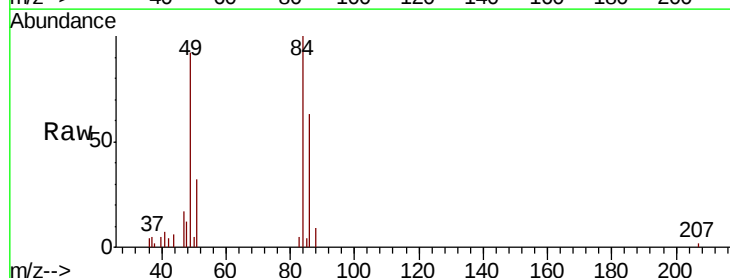
Tgt Ion: 84 Resp: 5387

Ion Ratio Lower Upper

84 100

49 91.6 72.3 134.3

86 63.4 45.1 83.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

5000

4000

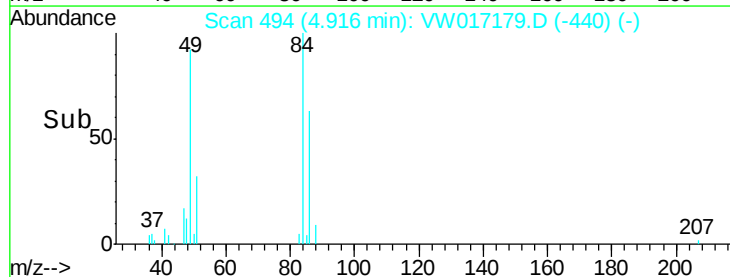
3000

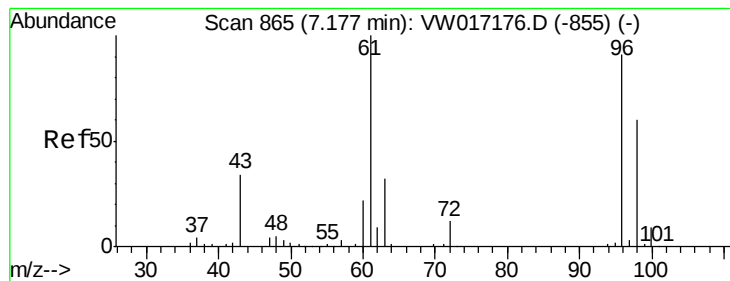
2000

1000

0

Time-->





#21

2-Butanone

Concen: 1.245 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW017179.D

Acq: 12 Nov 2020 13:00

Instrument :

MSVOA_W

ClientSampled :

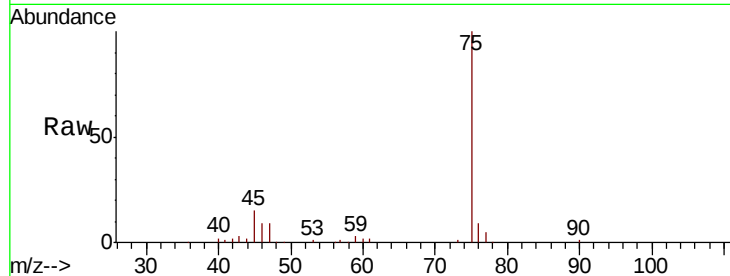
VIBLK29

Tot Ion: 43 Resp: 1592

Ion Ratio Lower Upper

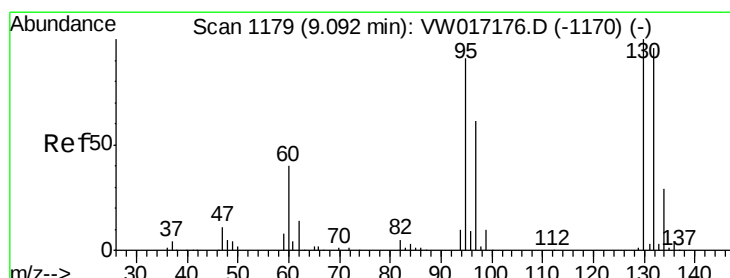
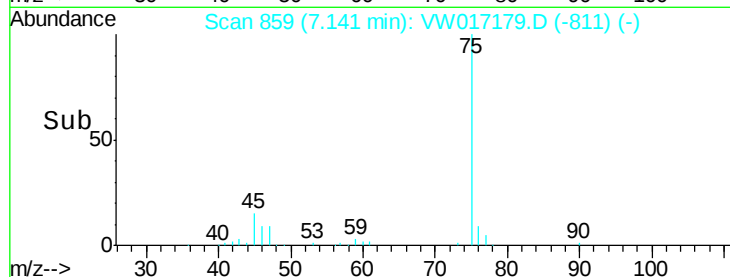
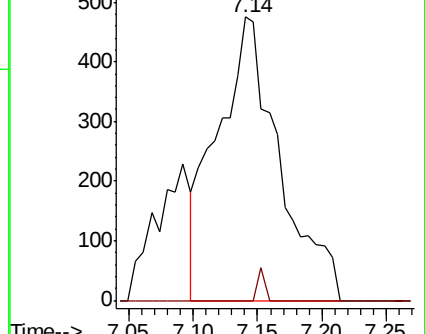
43 100

72 0.0 16.1 48.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#35

Trichloroethene

Concen: 0.228 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017179.D

Acq: 12 Nov 2020 13:00

Tgt Ion: 95 Resp: 1338

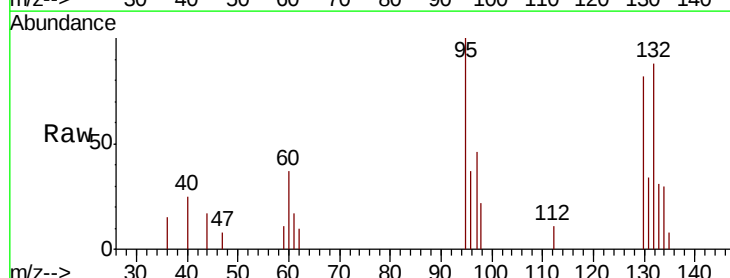
Ion Ratio Lower Upper

95 100

97 32.0 45.0 83.6#

132 101.3 73.7 136.9

130 110.6 77.1 143.1

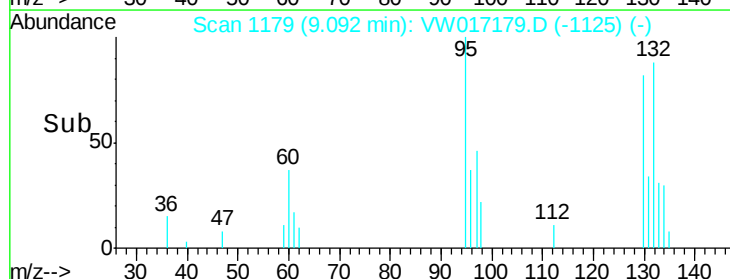
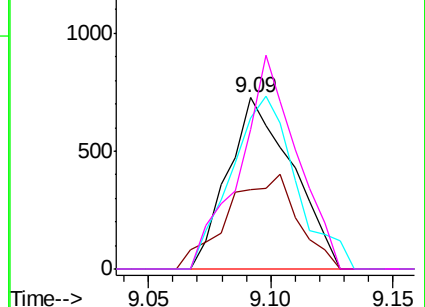


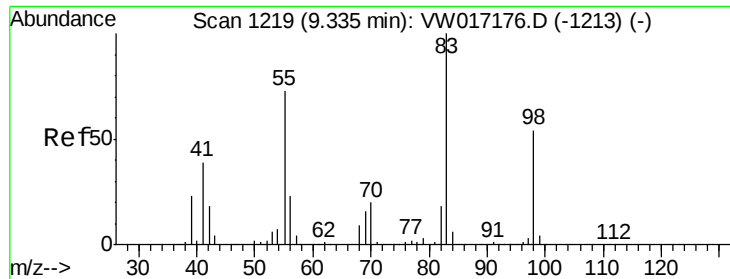
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

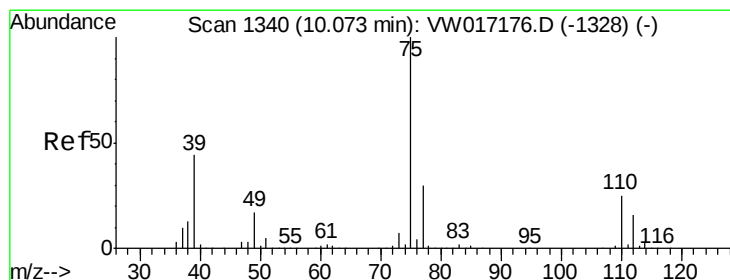
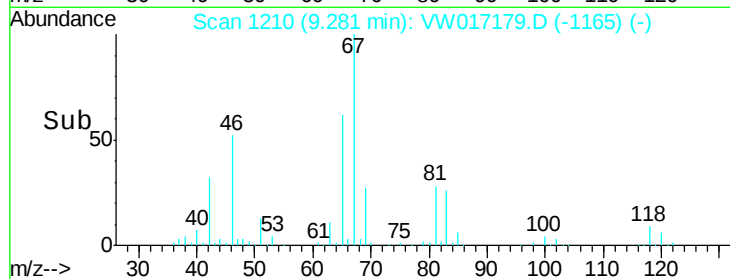
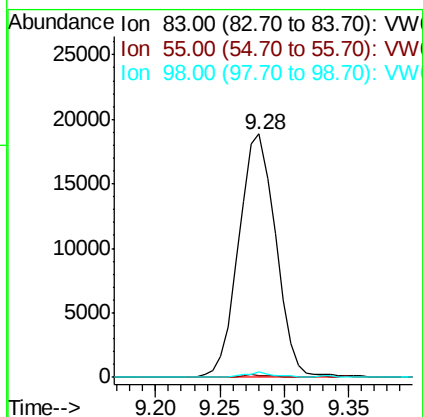
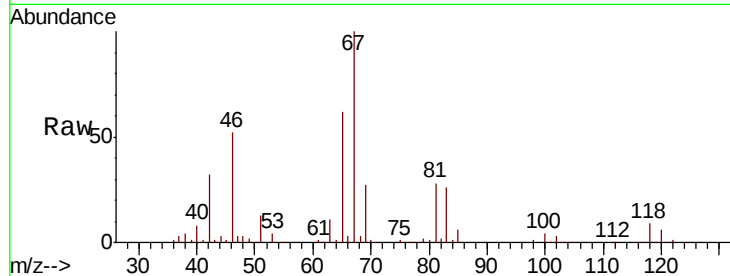




#36
Methvlcvclohexane
Concen: 3.980 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW017179.D
Acq: 12 Nov 2020 13:00

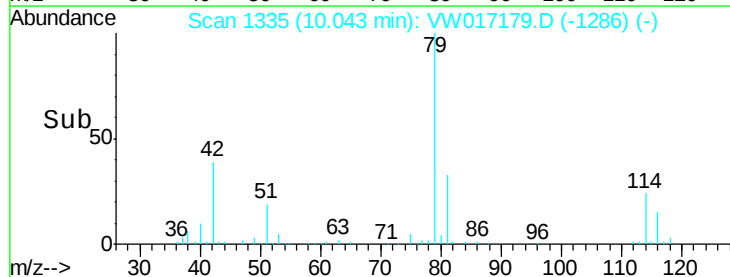
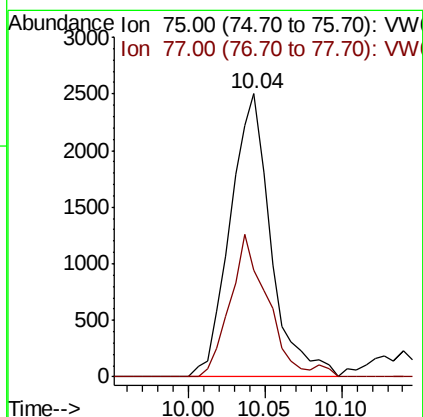
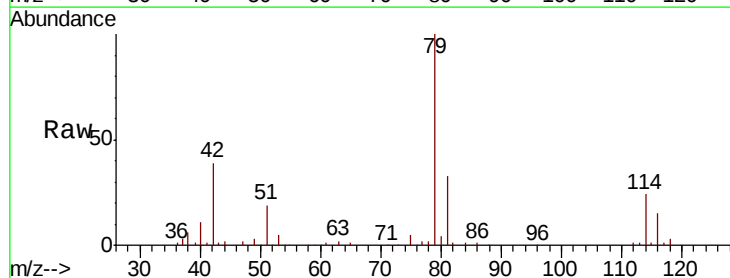
Instrument :
MSVOA_W
ClientSampleId :
VIBLK29

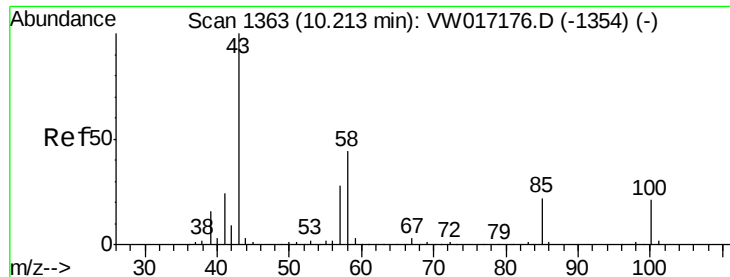
Tot Ion: 83 Resp: 37621
Ion Ratio Lower Upper
83 100
55 0.2 54.4 81.6#
98 1.6 40.5 60.7#



#42
cis-1,3-Dichloropropene
Concen: 0.592 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW017179.D
Acq: 12 Nov 2020 13:00

Tgt Ion: 75 Resp: 4599
Ion Ratio Lower Upper
75 100
77 37.9 22.0 41.0





#43

4-Methyl-2-pentanone

Concen: 0.721 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017179.D

Acq: 12 Nov 2020 13:00

Instrument :

MSVOA_W

ClientSampleId :

VIBLK29

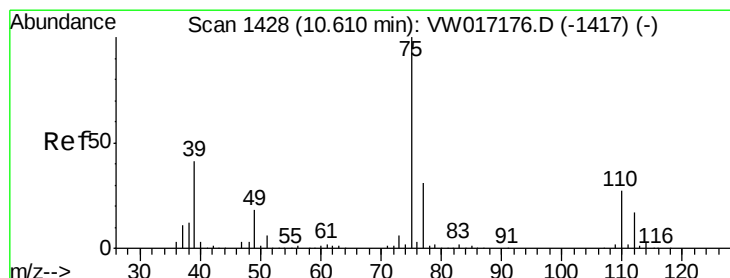
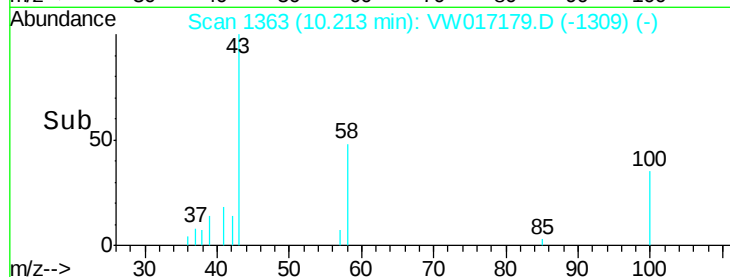
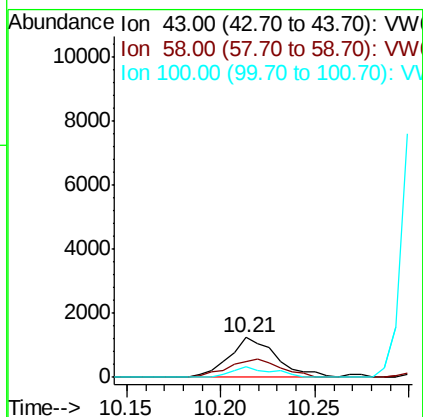
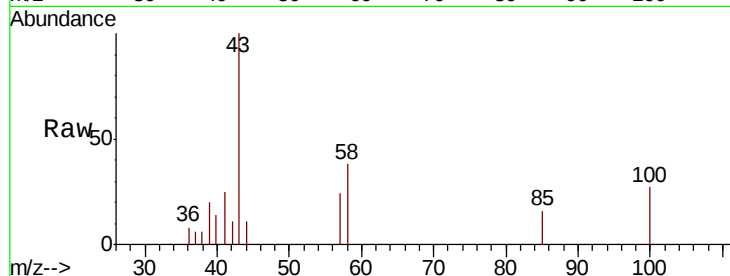
Tot Ion: 43 Resp: 2182

Ion Ratio Lower Upper

43 100

58 49.5 35.0 52.6

100 17.0 16.6 24.8



#45

trans-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017179.D

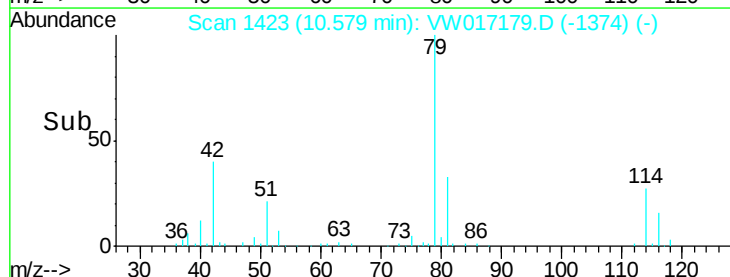
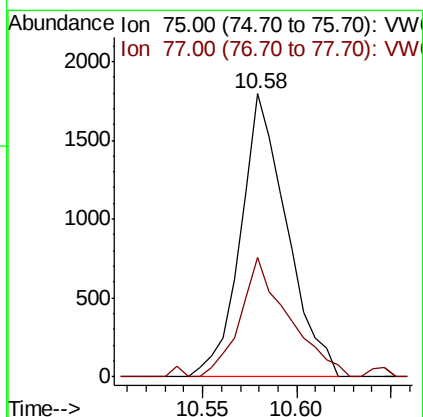
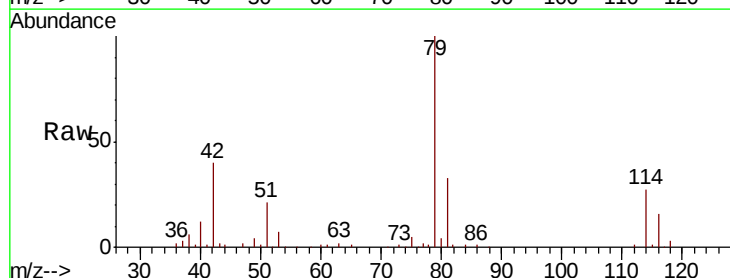
Acq: 12 Nov 2020 13:00

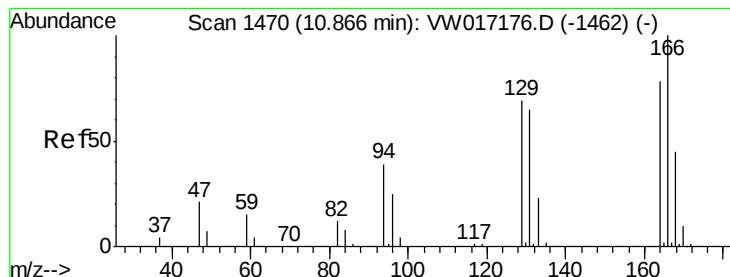
Tgt Ion: 75 Resp: 3050

Ion Ratio Lower Upper

75 100

77 42.4 22.1 41.1#





#47

Tetrachloroethene

Concen: 3.646 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017179.D

Acq: 12 Nov 2020 13:00

Instrument :

MSVOA_W

ClientSampleId :

VIBLK29

Tot Ion:164 Resp: 19326

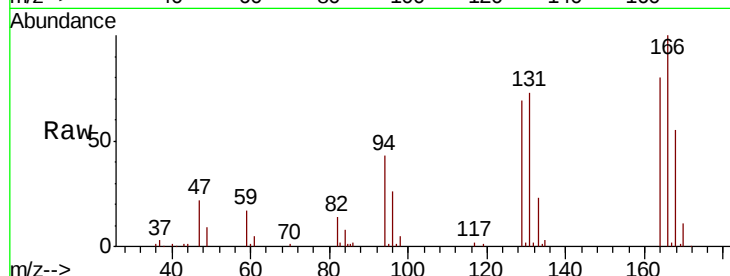
Ion Ratio Lower Upper

164 100

129 87.2 62.9 116.7

131 92.3 63.3 117.5

166 125.8 92.0 170.8

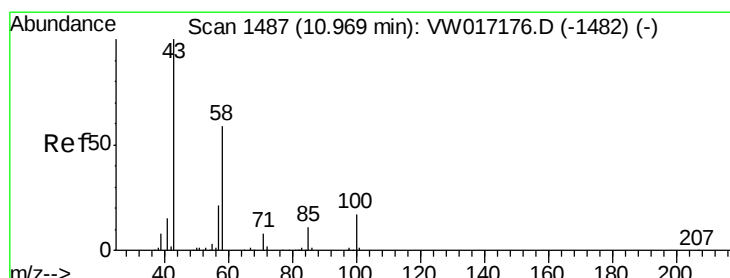
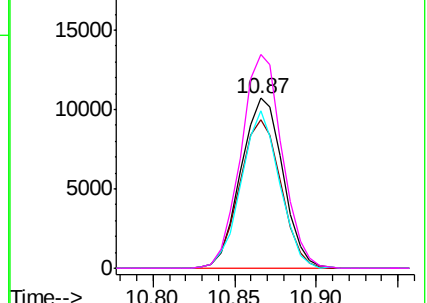
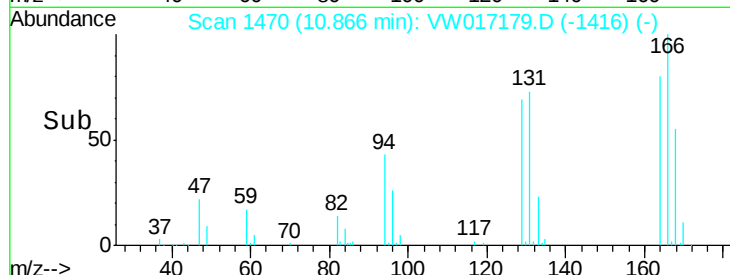


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.131 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017179.D

Acq: 12 Nov 2020 13:00

Tgt Ion: 43 Resp: 5709

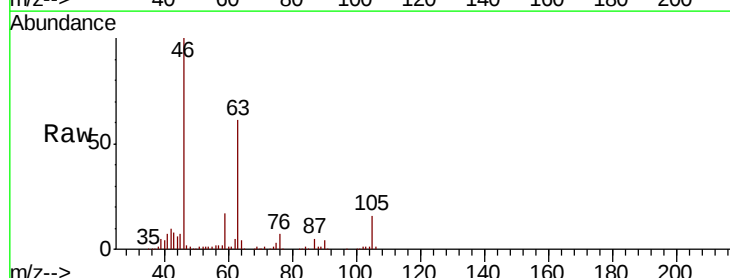
Ion Ratio Lower Upper

43 100

58 29.9 50.6 75.8#

57 28.1 17.8 26.6#

100 2.6 13.9 20.9#

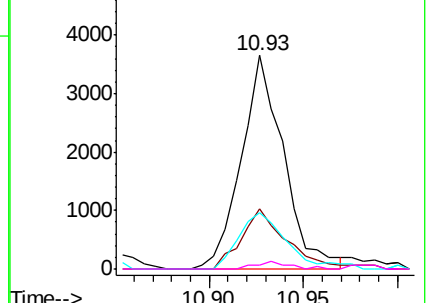
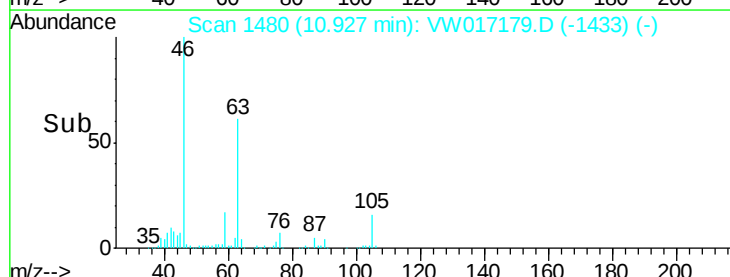


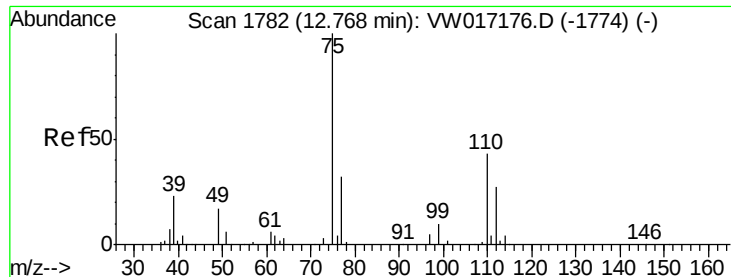
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#59

1,2,3-Trichloropropane

Concen: 5.696 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017179.D

Acq: 12 Nov 2020 13:00

Instrument :

MSVOA_W

ClientSampleId :

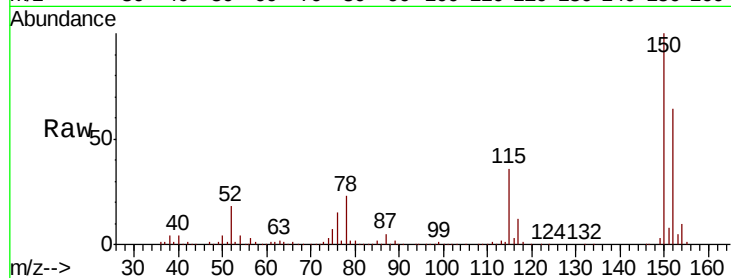
VIBLK29

Tot Ion: 75 Resp: 19991

Ion Ratio Lower Upper

75 100

77 36.5 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

