

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017059.D
 Acq On : 03 Nov 2020 15:10
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK28

Quant Time: Nov 04 04:11:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437880	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416801	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196702	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	98402	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.88%
7) Chloroethane-d5	2.89	69	85760	21.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.60%
10) 1,1-Dichloroethene-d2	4.02	63	151373	15.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.60%
20) 2-Butanone-d5	7.08	46	57874	60.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.58%
24) Chloroform-d	7.65	84	234853	23.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	8.31	65	117443	24.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.84%
29) Benzene-d6	8.28	84	471166	22.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.04%
33) 1,2-Dichloropropane-d6	9.27	67	134973	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.44%
37) Toluene-d8	10.33	98	446664	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.58	79	54859	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.48%
39) 2-Hexanone-d5	10.93	63	48181	59.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117592	26.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	172051	24.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.56%

Target Compounds

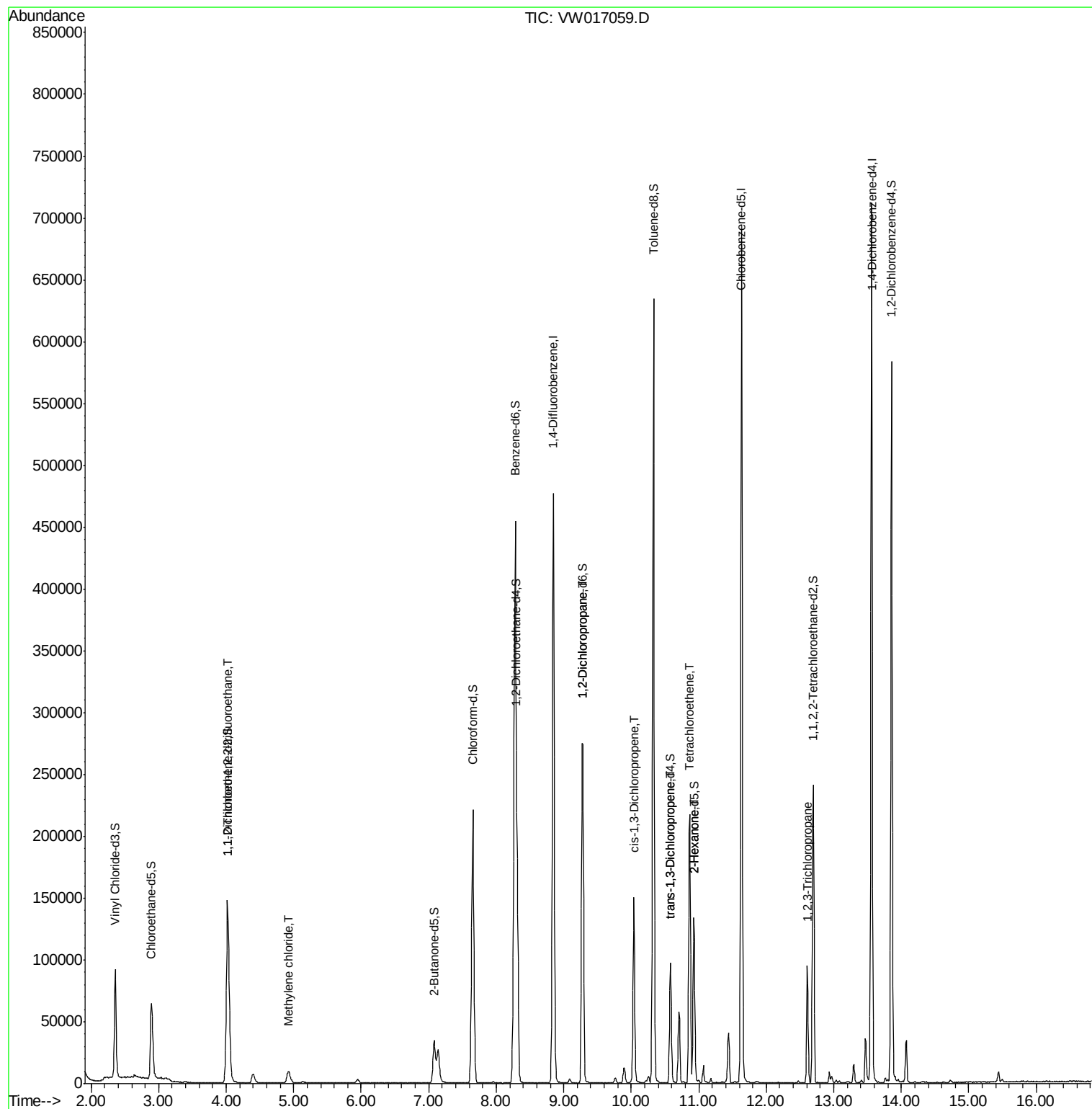
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1717	0.284 ug/L #	17
16) Methylene chloride	4.92	84	8801	1.520 ug/L	94
40) 1,2-Dichloropropane	9.27	63	15051	2.927 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3545	0.441 ug/L #	44
45) trans-1,3-Dichloropropene	10.58	75	2435	0.366 ug/L	89
47) Tetrachloroethene	10.86	164	50532	8.614 ug/L	97
49) 2-Hexanone	10.93	43	5354	3.447 ug/L #	60
59) 1,2,3-Trichloropropane	12.60	75	799	0.253 ug/L	95

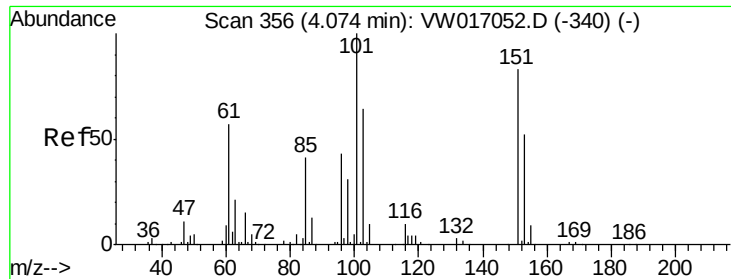
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.284 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017059.D

Acq: 03 Nov 2020 15:10

Instrument :

MSVOA_W

ClientSampleId :

VIBLK28

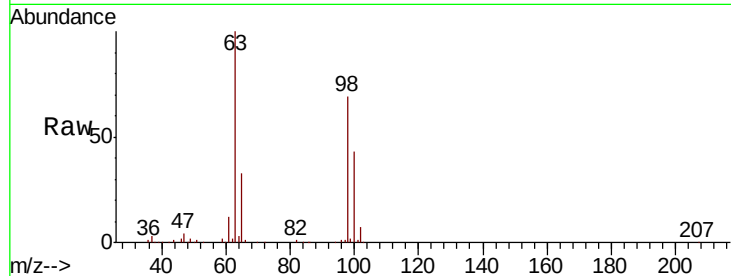
Tot Ion:101 Resp: 1717

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

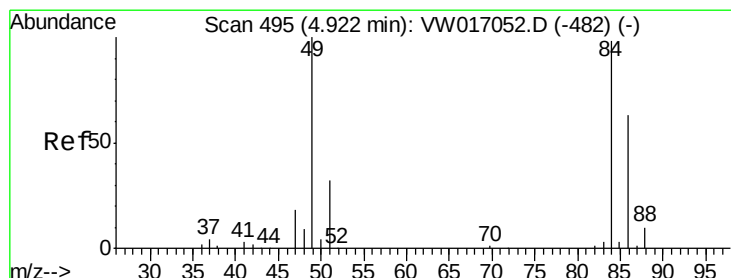
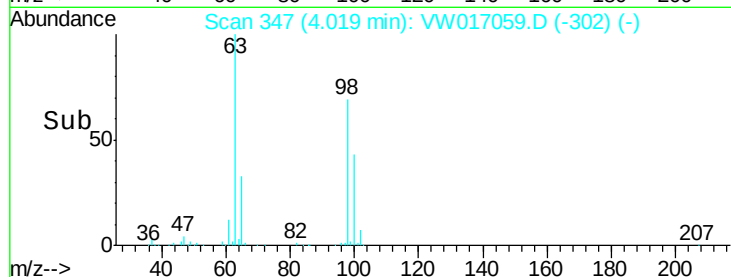
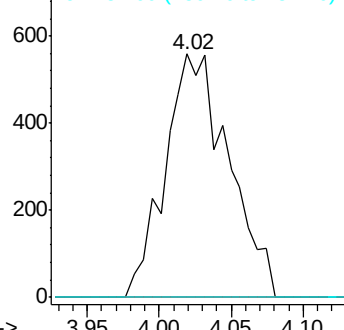
151 0.0 65.7 98.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 1.520 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017059.D

Acq: 03 Nov 2020 15:10

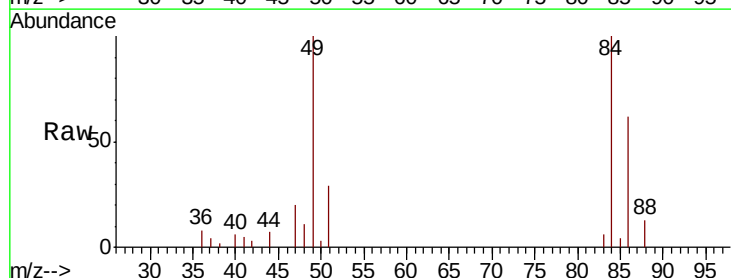
Tgt Ion: 84 Resp: 8801

Ion Ratio Lower Upper

84 100

49 99.7 73.8 137.0

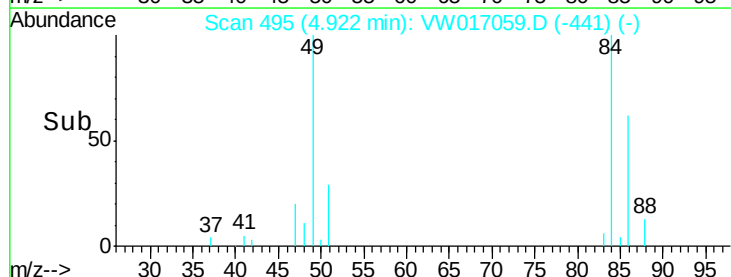
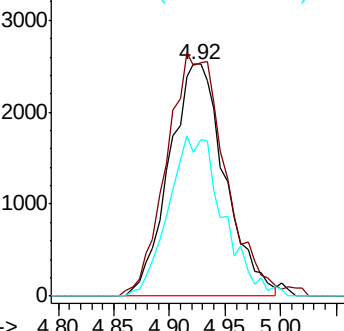
86 61.8 47.4 88.0

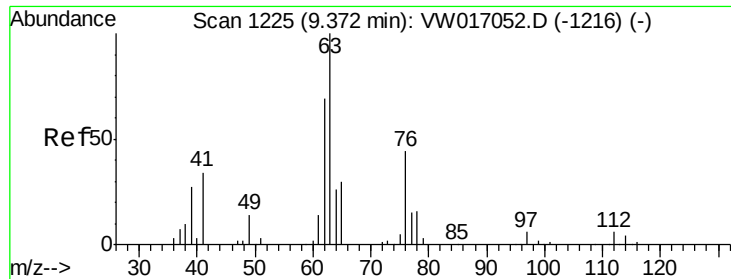


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

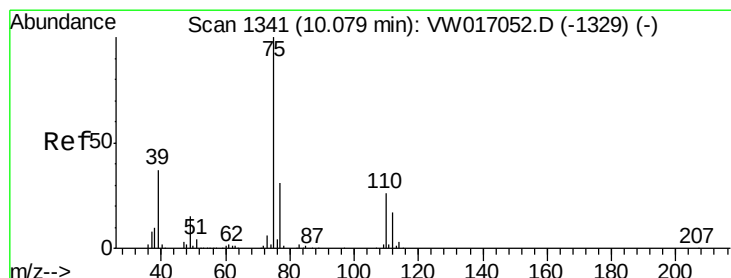
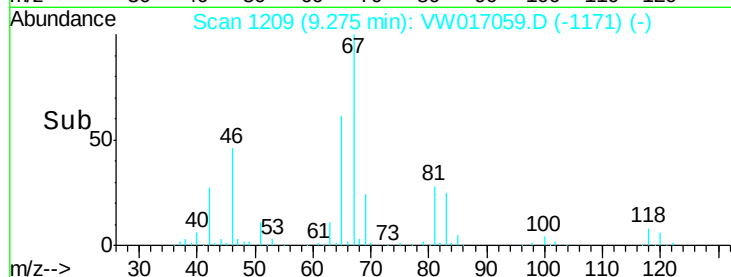
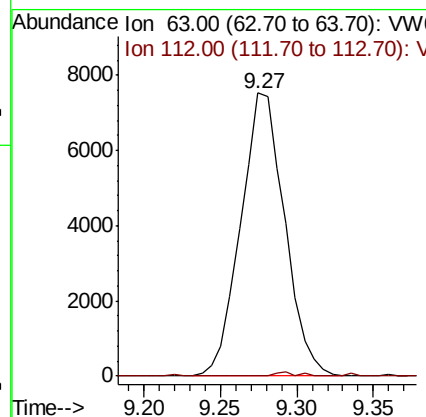
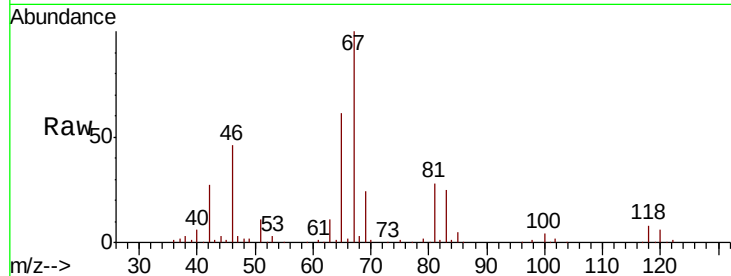




#40
 1,2-Dichloropropane
 Concen: 2.927 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017059.D
 Acq: 03 Nov 2020 15:10

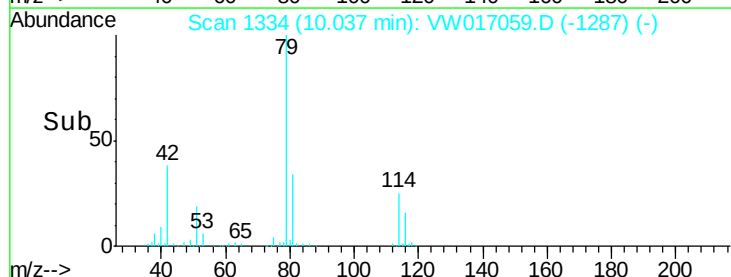
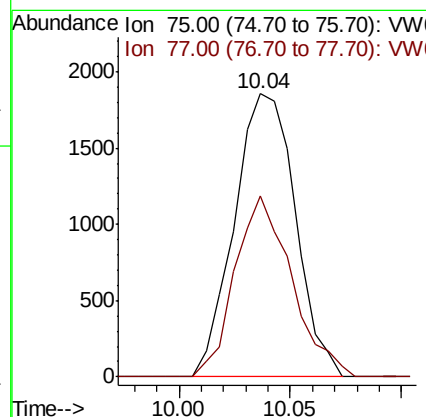
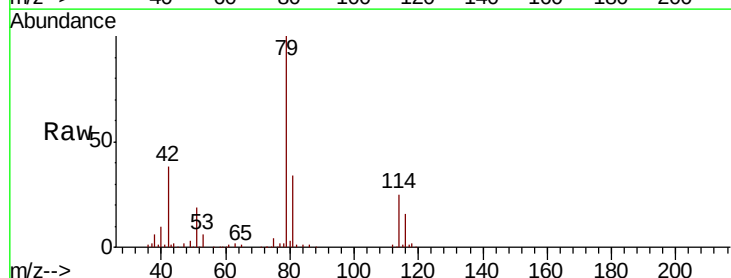
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK28

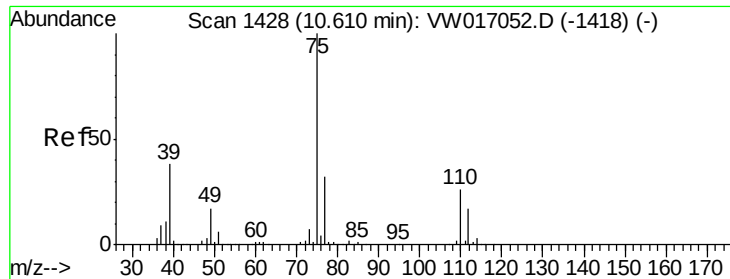
Tot Ion: 63 Resp: 15051
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.441 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017059.D
 Acq: 03 Nov 2020 15:10

Tgt Ion: 75 Resp: 3545
 Ion Ratio Lower Upper
 75 100
 77 64.0 22.7 42.1#





#45

trans-1,3-Dichloropropene

Concen: 0.366 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017059.D

Acq: 03 Nov 2020 15:10

Instrument :

MSVOA_W

ClientSampled :

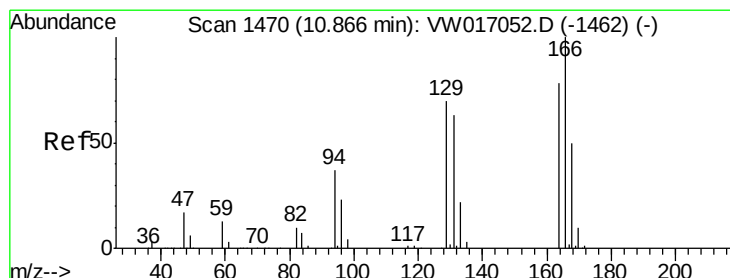
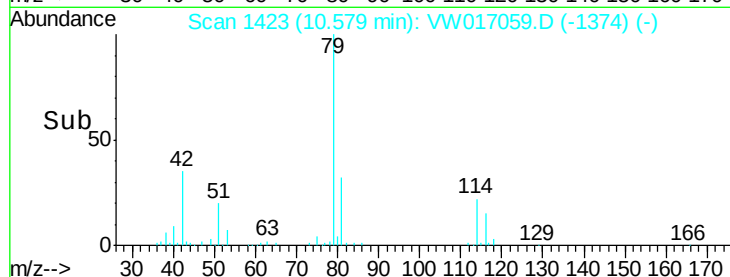
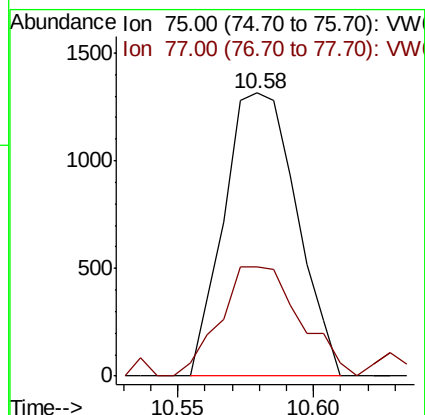
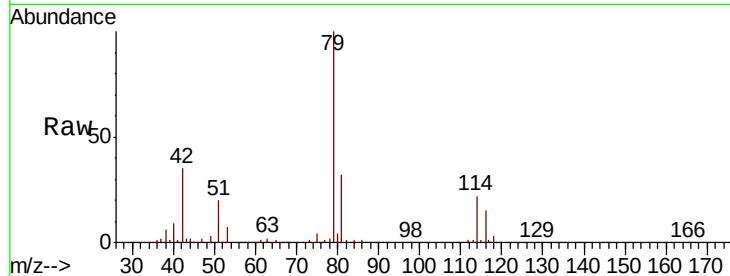
VIBLK28

Tot Ion: 75 Resp: 2435

Ion Ratio Lower Upper

75 100

77 38.5 22.7 42.3



#47

Tetrachloroethene

Concen: 8.614 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW017059.D

Acq: 03 Nov 2020 15:10

Tgt Ion: 164 Resp: 50532

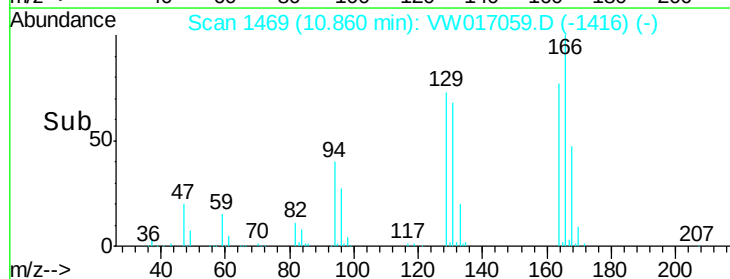
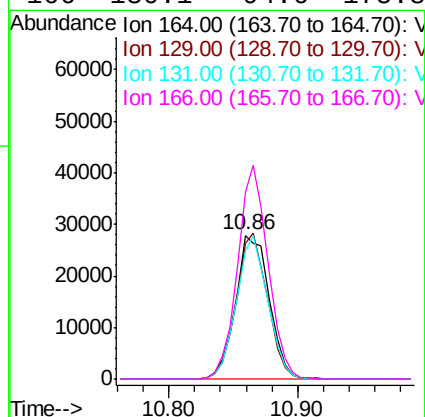
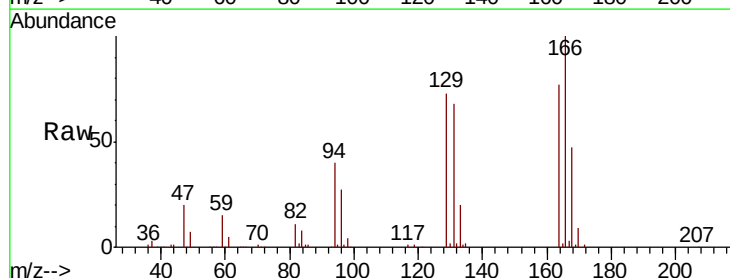
Ion Ratio Lower Upper

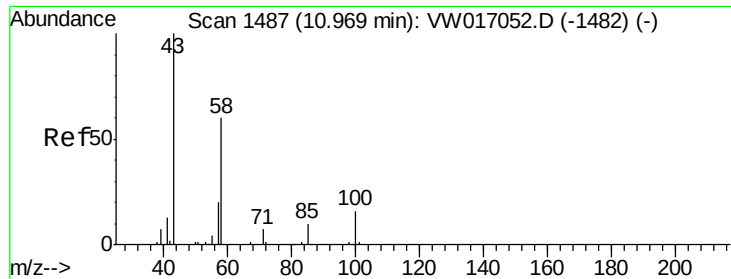
164 100

129 94.6 64.0 119.0

131 88.7 61.7 114.5

166 130.1 94.6 175.8





#49

2-Hexanone

Concen: 3.447 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017059.D

Acq: 03 Nov 2020 15:10

Instrument :

MSVOA_W

ClientSampleId :

VIBLK28

Tot Ion: 43 Resp: 5354

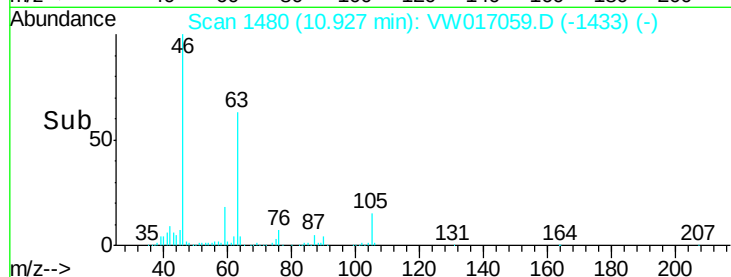
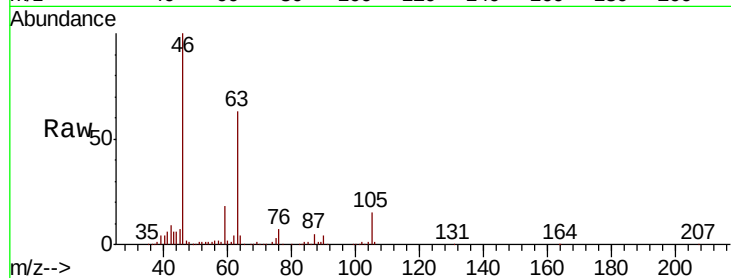
Ion Ratio Lower Upper

43 100

58 23.4 49.2 73.8#

57 28.5 17.0 25.4#

100 1.3 13.2 19.8#

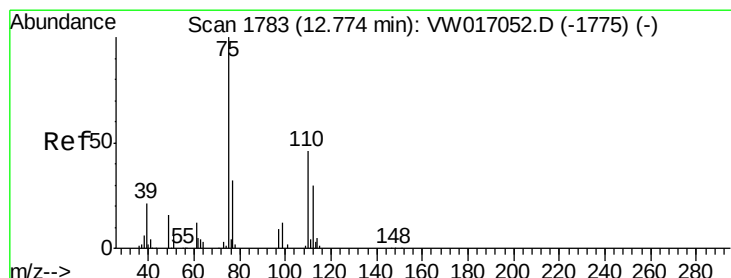
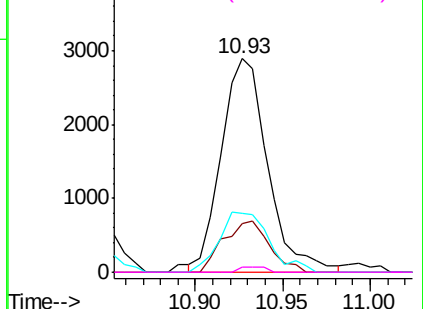


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 0.253 ug/L

RT: 12.60 min Scan# 1755

Delta R.T. -0.17 min

Lab File: VW017059.D

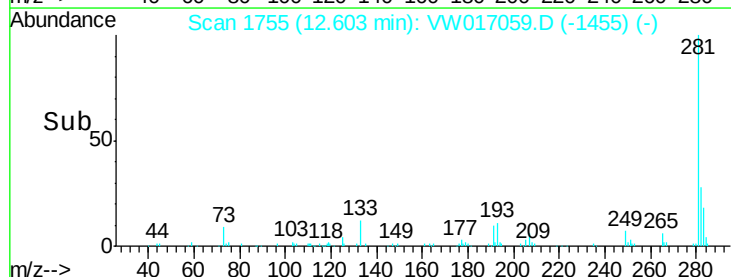
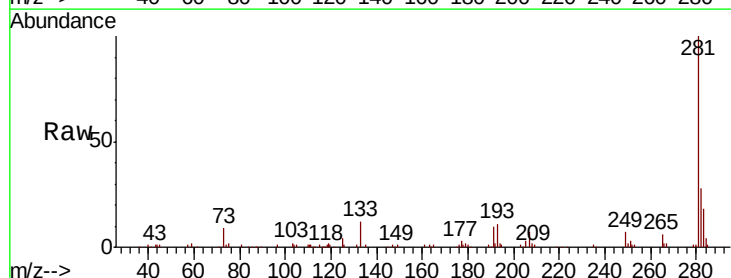
Acq: 03 Nov 2020 15:10

Tgt Ion: 75 Resp: 799

Ion Ratio Lower Upper

75 100

77 29.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

