

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017146.D
 Acq On : 10 Nov 2020 17:34
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK20

Quant Time: Nov 11 05:40:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	498895	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	465477	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217312	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125190	19.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.68%
7) Chloroethane-d5	2.90	69	104382	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
10) 1,1-Dichloroethene-d2	4.03	63	168951	15.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.12%
20) 2-Butanone-d5	7.09	46	44843	31.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.82%
24) Chloroform-d	7.65	84	247289	21.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.92%
26) 1,2-Dichloroethane-d4	8.31	65	125168	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.48%
29) Benzene-d6	8.28	84	498942	21.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.20%
33) 1,2-Dichloropropane-d6	9.27	67	138456	21.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.48%
37) Toluene-d8	10.33	98	479134	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.76%
38) trans-1,3-Dichloropropene-	10.58	79	55554	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.16%
39) 2-Hexanone-d5	10.93	63	36093	31.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	104877	18.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	167946	21.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.76%

Target Compounds

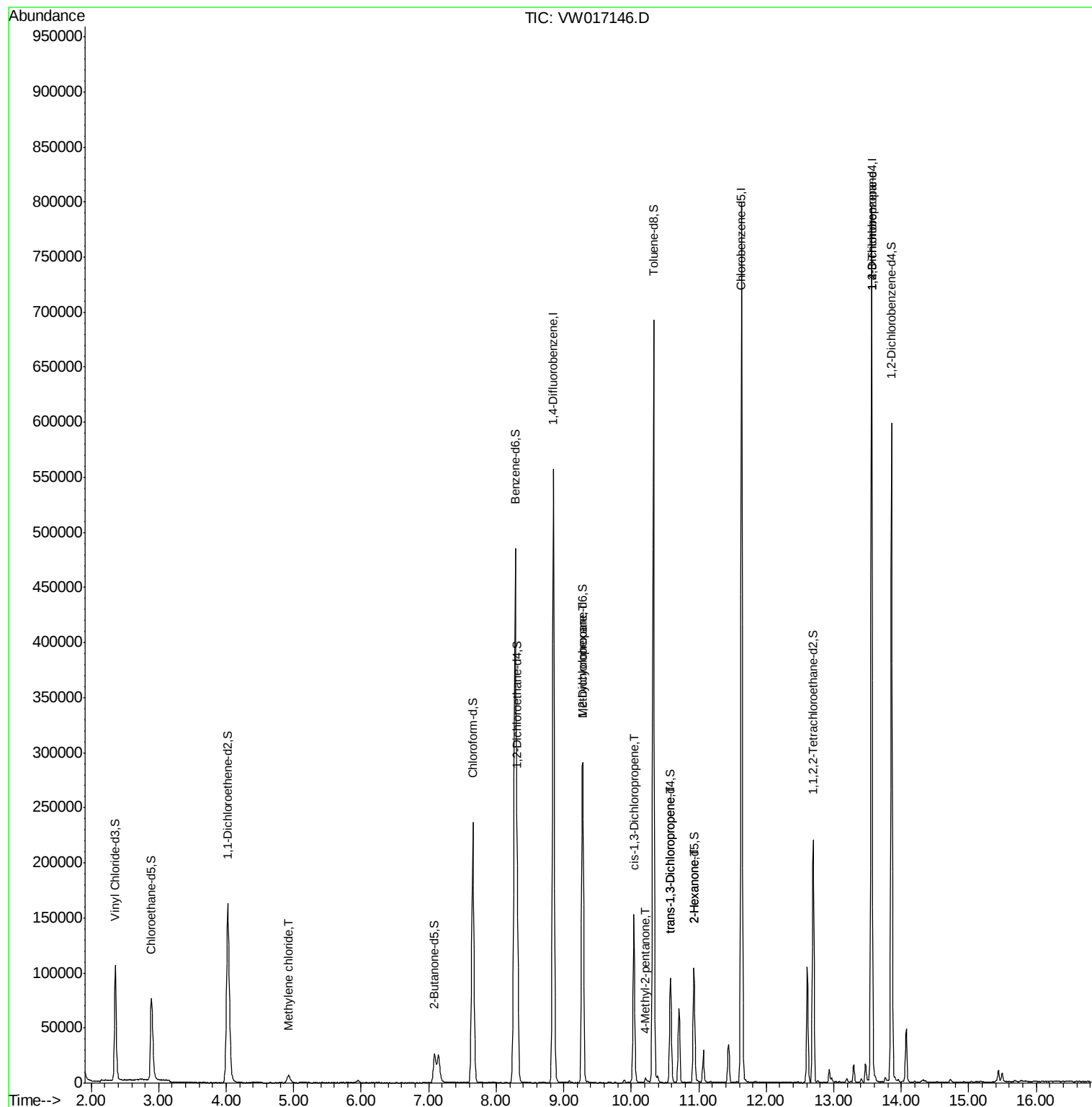
					Ovalue
16) Methylene chloride	4.92	84	6174	0.918 ug/L	94
36) Methylcyclohexane	9.28	83	36071	3.274 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4009	0.443 ug/L #	77
43) 4-Methyl-2-pentanone	10.21	43	2598	0.737 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	2498	0.321 ug/L #	82
49) 2-Hexanone	10.93	43	4236	1.993 ug/L #	58
59) 1,2,3-Trichloropropane	13.56	75	22287	5.448 ug/L	89

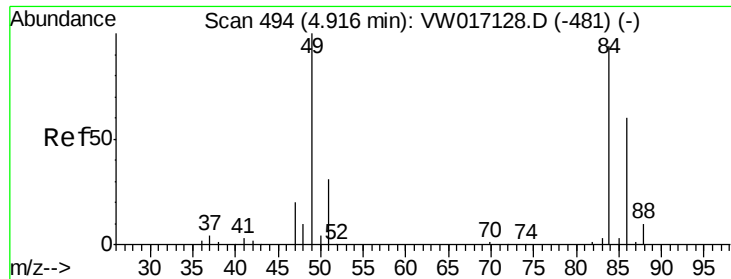
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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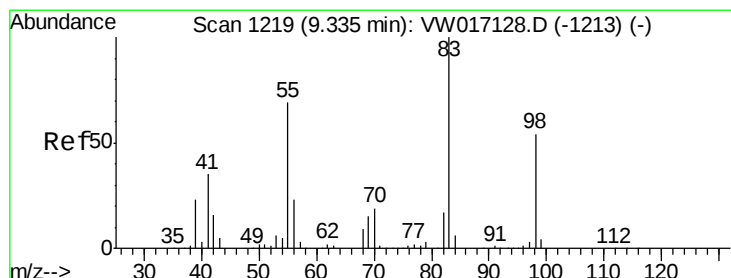
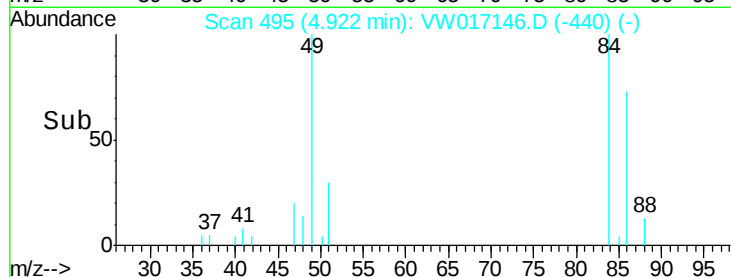
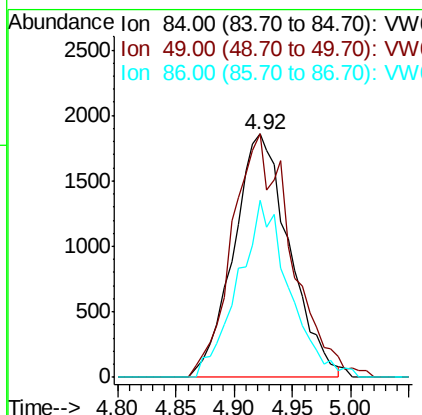
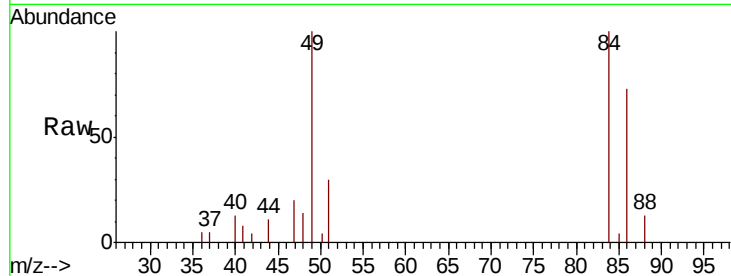




#16
Methvlene chloride
Concen: 0.918 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017146.D
Acq: 10 Nov 2020 17:34

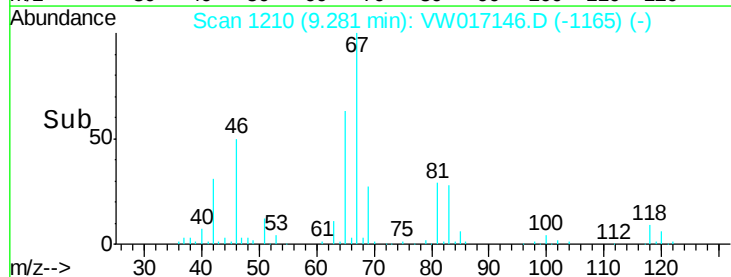
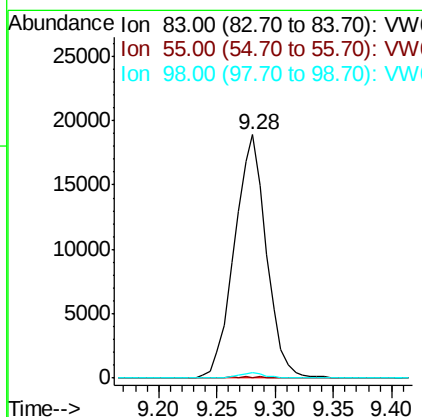
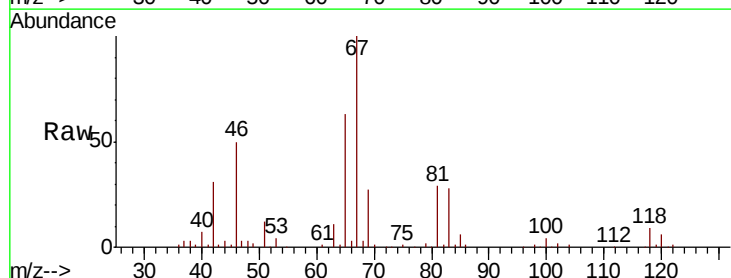
Instrument :
MSVOA_W
ClientSampleId :
VIBLK20

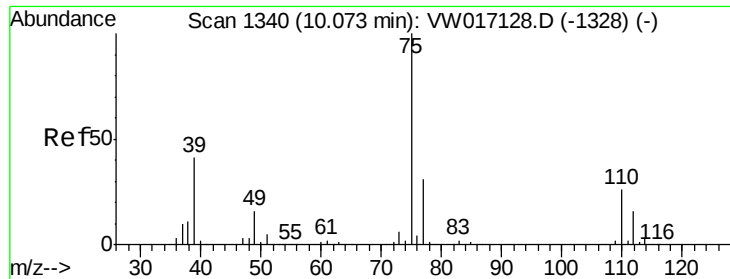
Tot Ion: 84 Resp: 6174
Ion Ratio Lower Upper
84 100
49 100.1 72.3 134.3
86 72.8 45.1 83.7



#36
Methylcyclohexane
Concen: 3.274 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW017146.D
Acq: 10 Nov 2020 17:34

Tgt Ion: 83 Resp: 36071
Ion Ratio Lower Upper
83 100
55 0.5 54.4 81.6#
98 1.8 40.5 60.7#

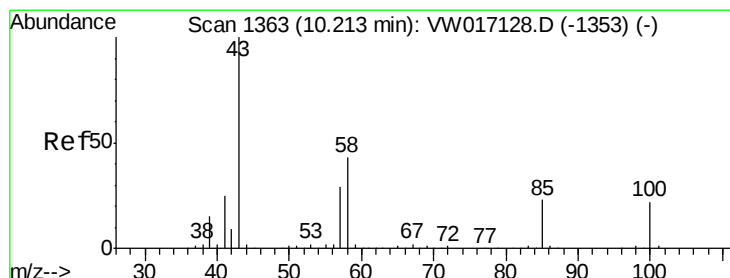
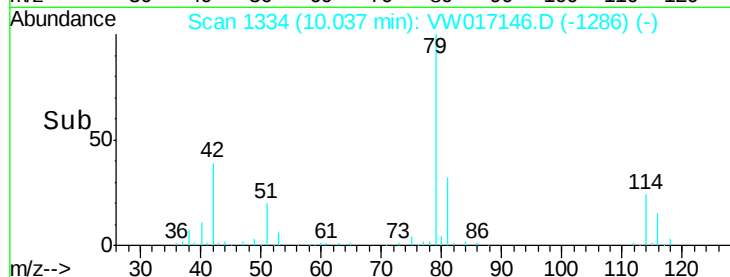
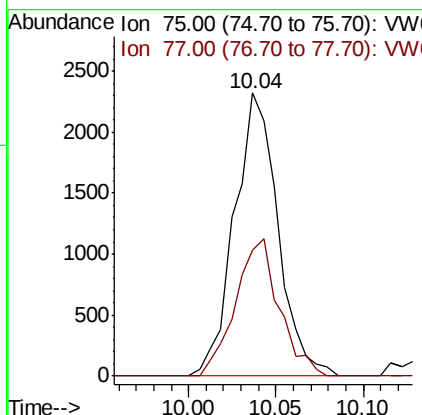
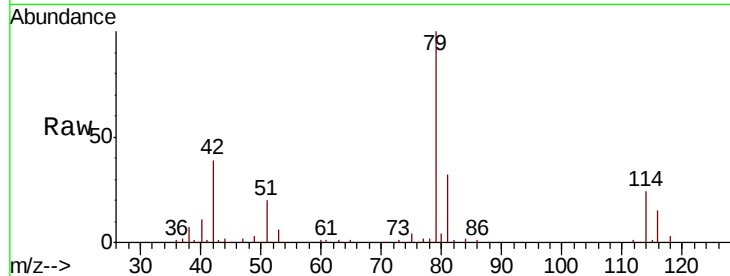




#42
 cis-1,3-Dichloropropene
 Concen: 0.443 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017146.D
 Acq: 10 Nov 2020 17:34

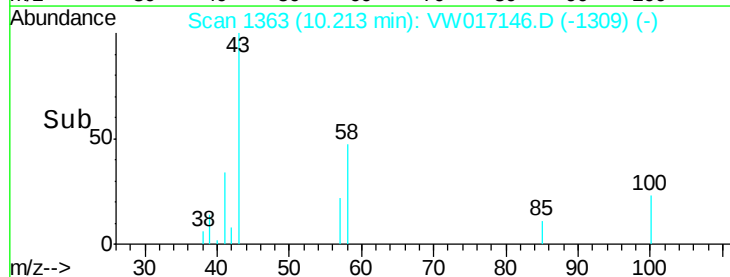
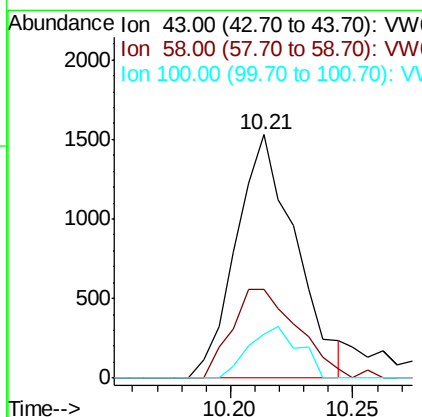
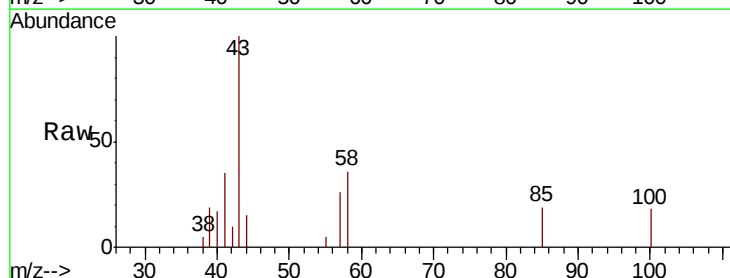
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK20

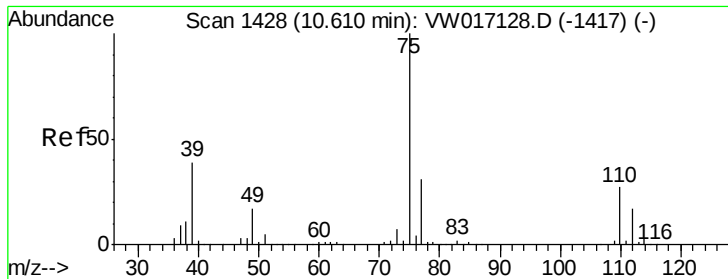
Tot Ion: 75 Resp: 4009
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.0 41.0#



#43
 4-Methyl-2-pentanone
 Concen: 0.737 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW017146.D
 Acq: 10 Nov 2020 17:34

Tgt Ion: 43 Resp: 2598
 Ion Ratio Lower Upper
 43 100
 58 40.1 35.0 52.6
 100 17.6 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.321 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017146.D

Acq: 10 Nov 2020 17:34

Instrument :

MSVOA_W

ClientSampled :

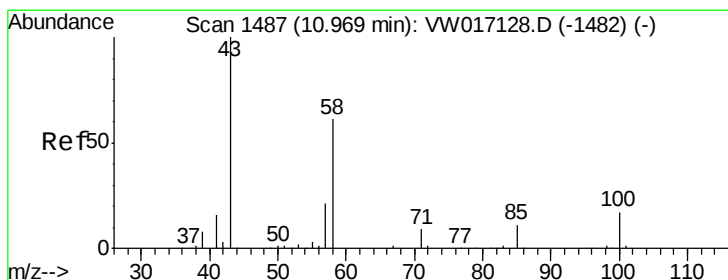
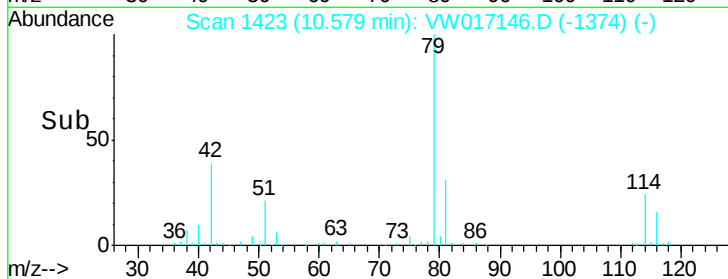
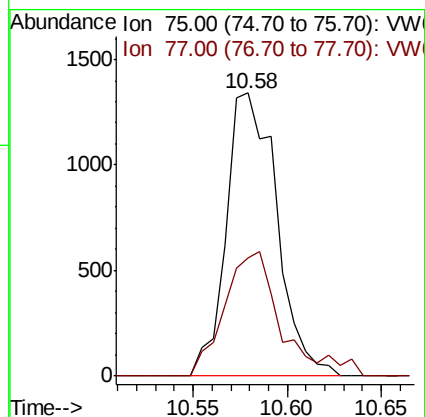
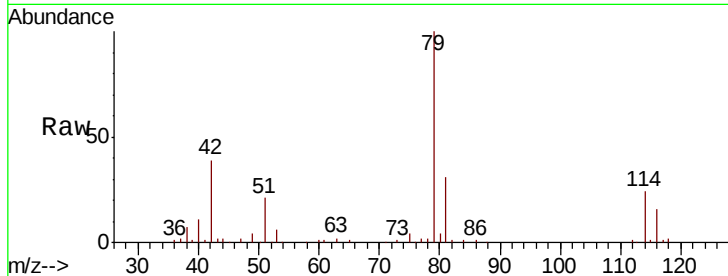
VIBLK20

Tot Ion: 75 Resp: 2498

Ion Ratio Lower Upper

75 100

77 41.6 22.1 41.1#



#49

2-Hexanone

Concen: 1.993 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017146.D

Acq: 10 Nov 2020 17:34

Tgt Ion: 43 Resp: 4236

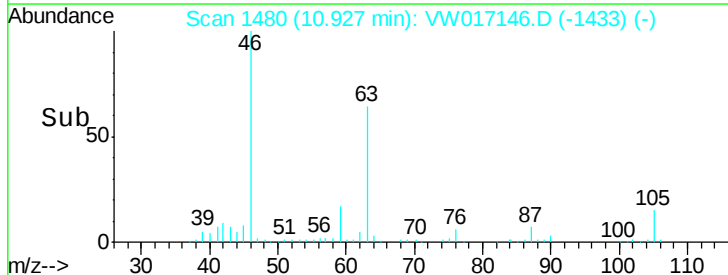
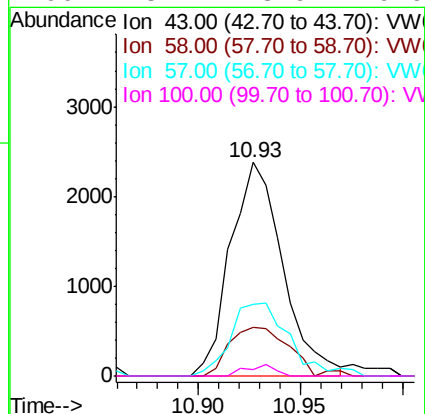
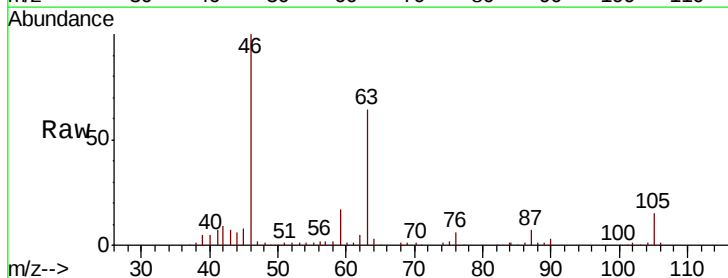
Ion Ratio Lower Upper

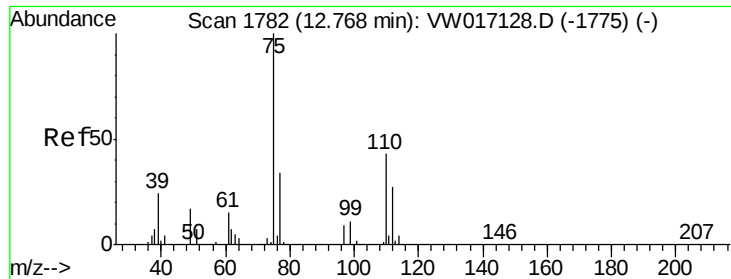
43 100

58 25.4 50.6 75.8#

57 36.9 17.8 26.6#

100 3.1 13.9 20.9#





#59

1,2,3-Trichloropropane

Concen: 5.448 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017146.D

Acq: 10 Nov 2020 17:34

Instrument :

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ClientSampleId :

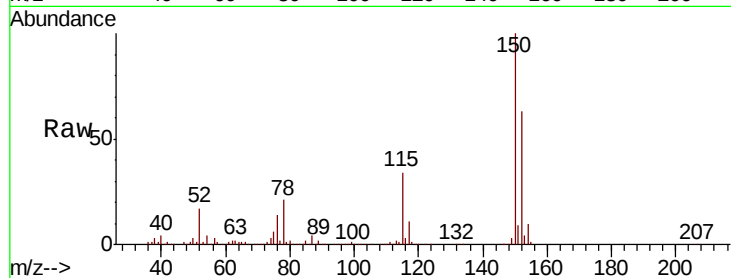
VIBLK20

Tot Ion: 75 Resp: 22287

Ion Ratio Lower Upper

75 100

77 39.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

