

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017044.D
 Acq On : 02 Nov 2020 13:48
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK23

Quant Time: Nov 03 04:56:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	458915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420629	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195384	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96272	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.72%
7) Chloroethane-d5	2.90	69	83910	20.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.80%
10) 1,1-Dichloroethene-d2	4.03	63	153998	14.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.80%
20) 2-Butanone-d5	7.09	46	53179	53.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.60%
24) Chloroform-d	7.65	84	237170	22.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.64%
26) 1,2-Dichloroethane-d4	8.31	65	117465	23.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.32%
29) Benzene-d6	8.28	84	480462	22.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.96%
33) 1,2-Dichloropropane-d6	9.27	67	136878	23.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.88%
37) Toluene-d8	10.33	98	446820	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	10.58	79	53563	21.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.56%
39) 2-Hexanone-d5	10.93	63	42032	51.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109517	24.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	166879	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds

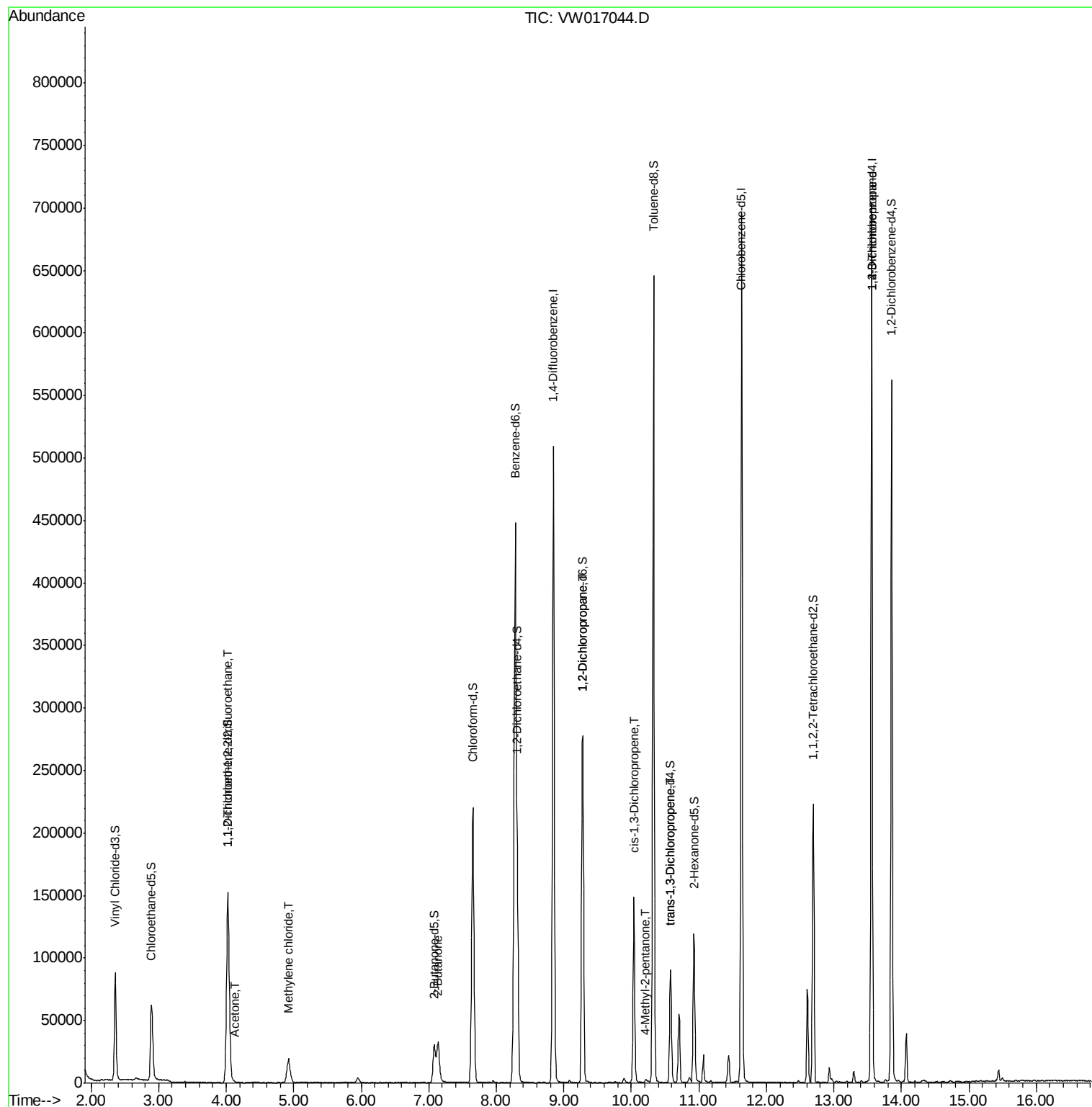
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1641	0.259	ug/L #	17
13) Acetone	4.13	43	315	0.469	ug/L	75
16) Methylene chloride	4.92	84	17883	2.947	ug/L	89
21) 2-Butanone	7.15	43	841	0.749	ug/L #	57
40) 1,2-Dichloropropane	9.28	63	14744	2.841	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3494	0.431	ug/L #	55
43) 4-Methyl-2-pentanone	10.22	43	1751	0.712	ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2220	0.330	ug/L	85
59) 1,2,3-Trichloropropane	13.56	75	19438	6.092	ug/L	91

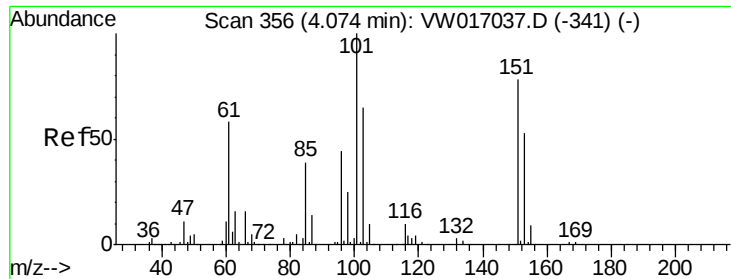
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 03 04:48:47 2020
Response via : Initial Calibration





#11

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

Concen: 0.259 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017044.D

Acq: 02 Nov 2020 13:48

Instrument :

MSVOA_W

ClientSampled :

VIBLK23

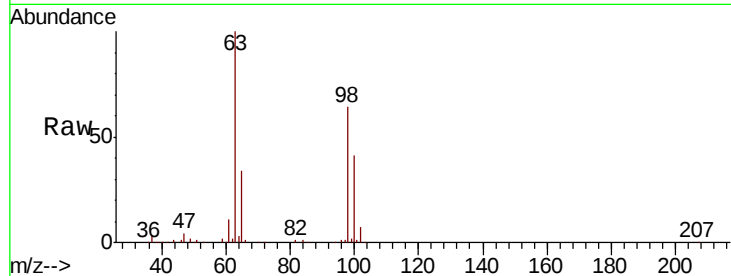
Tot Ion:101 Resp: 1641

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

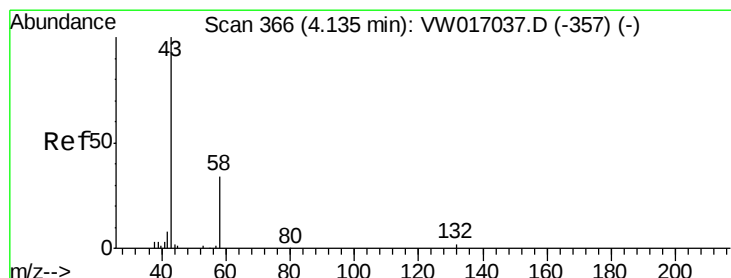
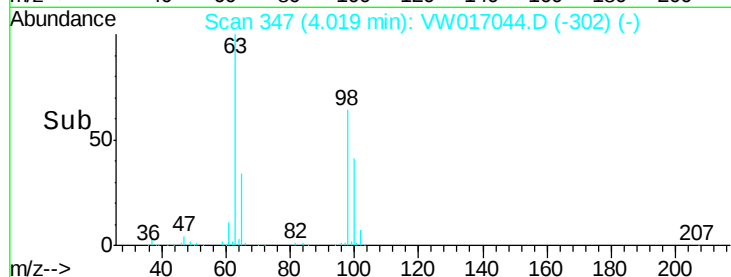
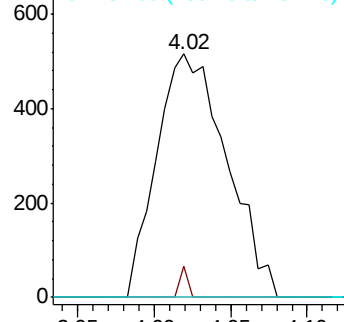
151 0.0 65.7 98.5#



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



#13

Acetone

Concen: 0.469 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW017044.D

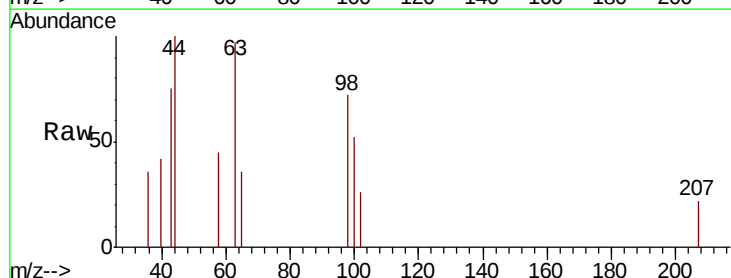
Acq: 02 Nov 2020 13:48

Tgt Ion: 43 Resp: 315

Ion Ratio Lower Upper

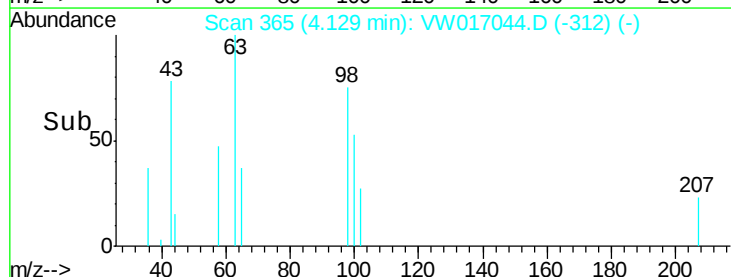
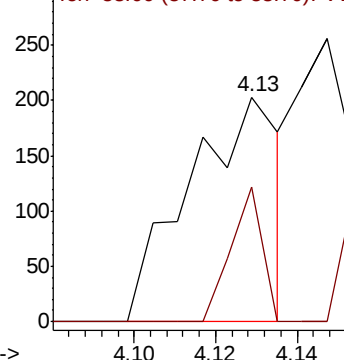
43 100

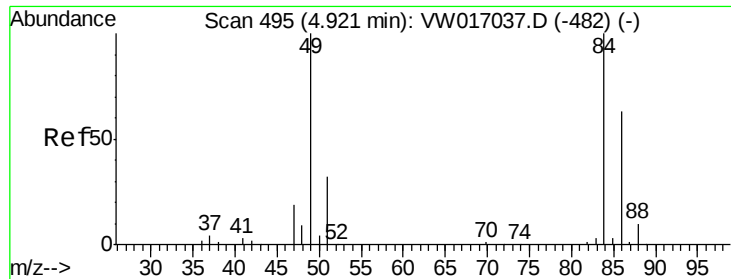
58 20.6 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

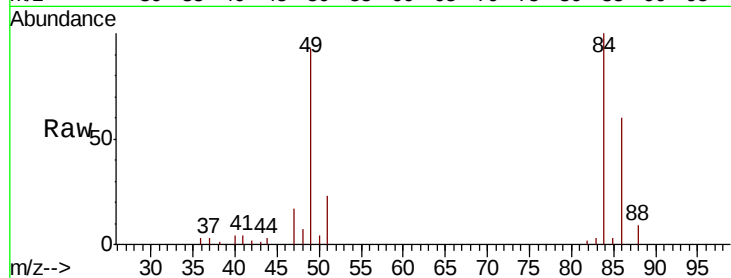




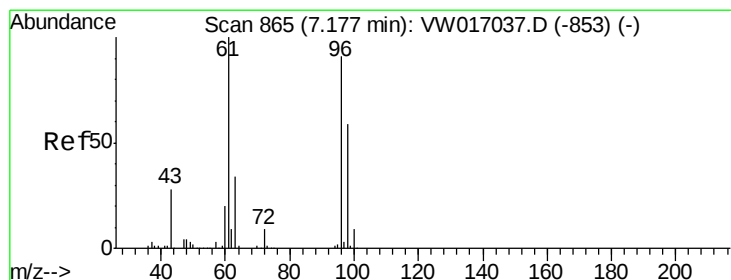
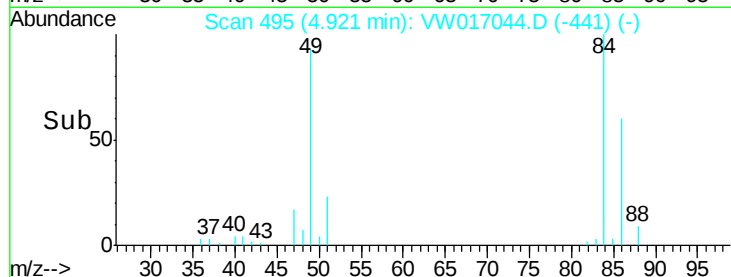
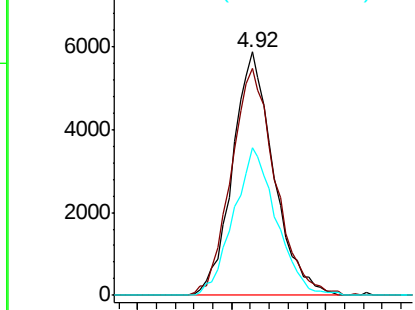
#16
Methvlene chloride
Concen: 2.947 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017044.D
Acq: 02 Nov 2020 13:48

Instrument :
MSVOA_W
ClientSampleId :
VIBLK23

Tot Ion: 84 Resp: 17883
Ion Ratio Lower Upper
84 100
49 93.5 73.8 137.0
86 60.5 47.4 88.0

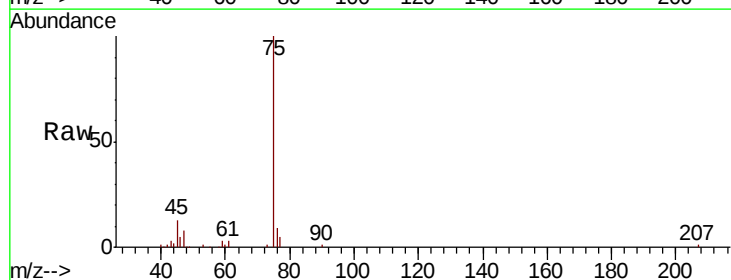


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

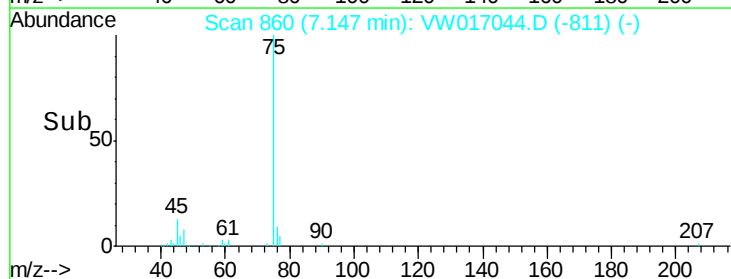
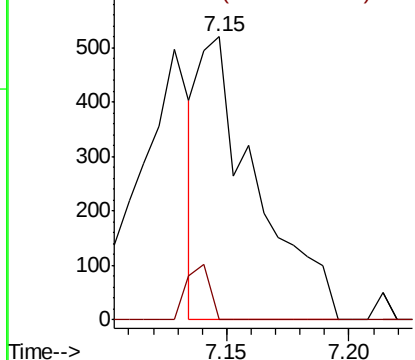


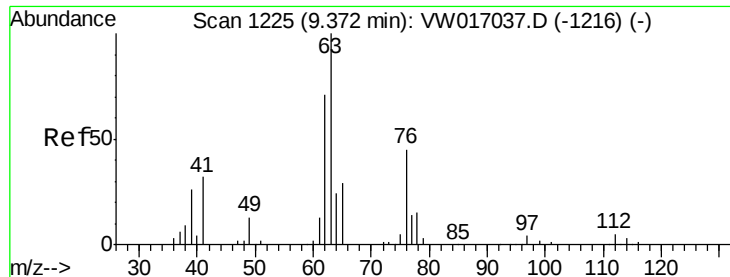
#21
2-Butanone
Concen: 0.749 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW017044.D
Acq: 02 Nov 2020 13:48

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
72 8.0 16.1 48.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

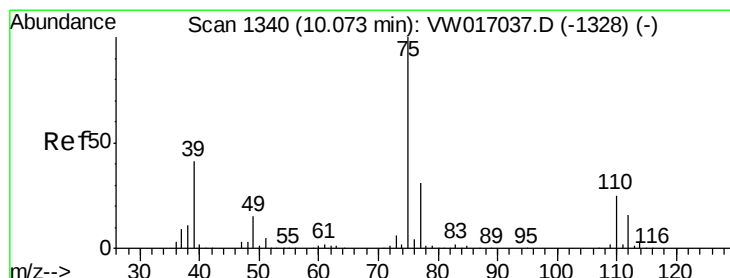
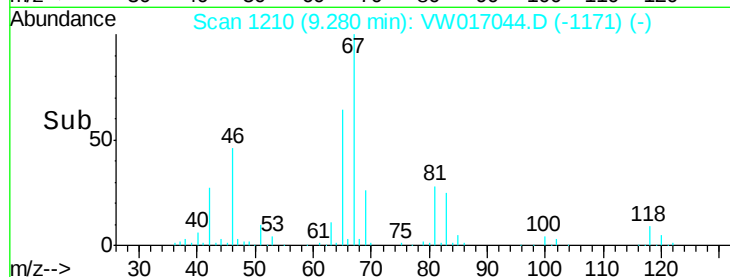
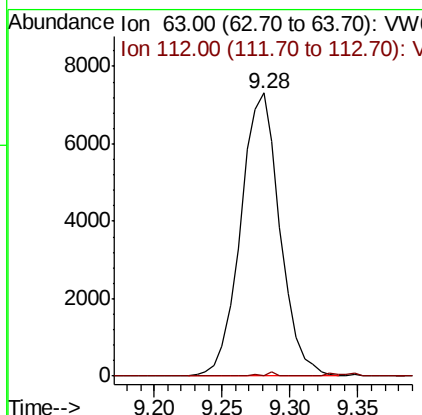
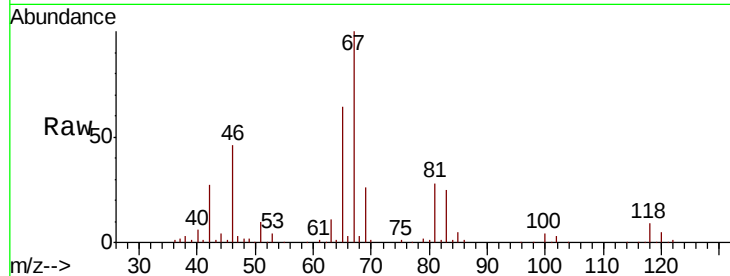




#40
 1,2-Dichloropropane
 Concen: 2.841 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW017044.D
 Acq: 02 Nov 2020 13:48

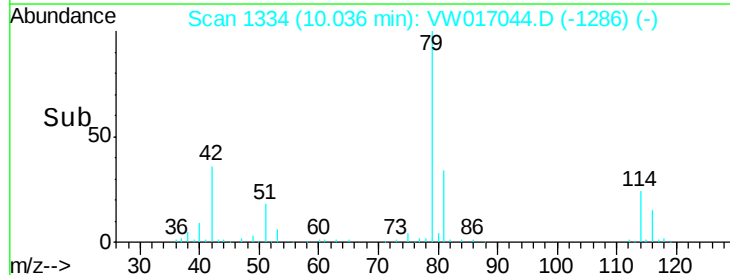
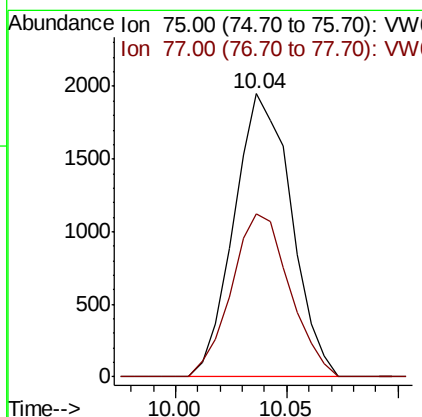
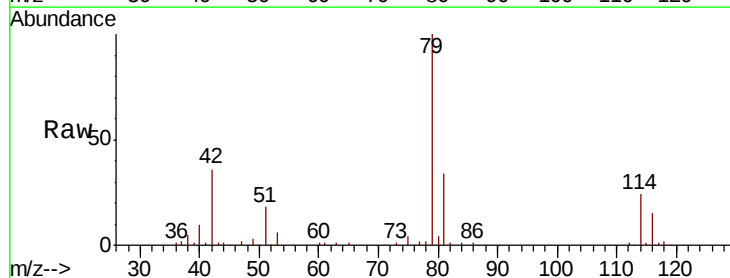
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 VIBLK23

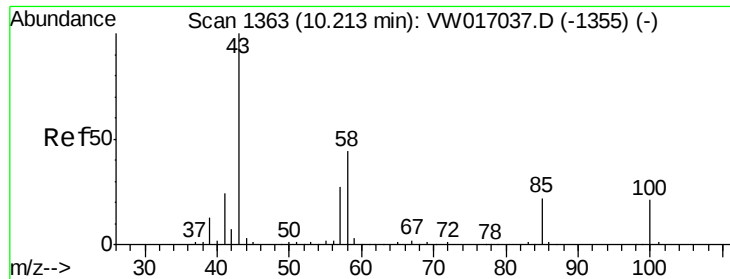
Tot Ion: 63 Resp: 14744
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#42
 cis-1,3-Dichloropropene
 Concen: 0.431 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017044.D
 Acq: 02 Nov 2020 13:48

Tgt Ion: 75 Resp: 3494
 Ion Ratio Lower Upper
 75 100
 77 57.5 22.7 42.1#

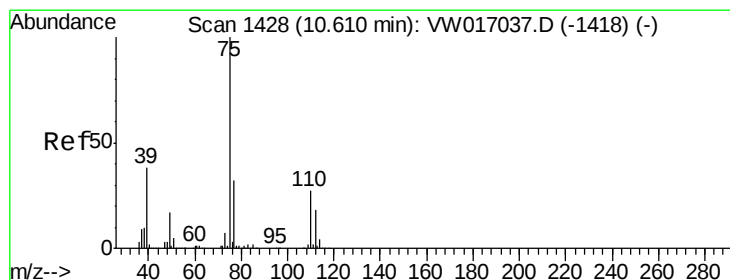
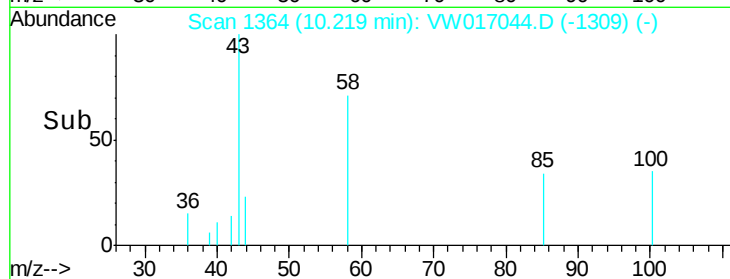
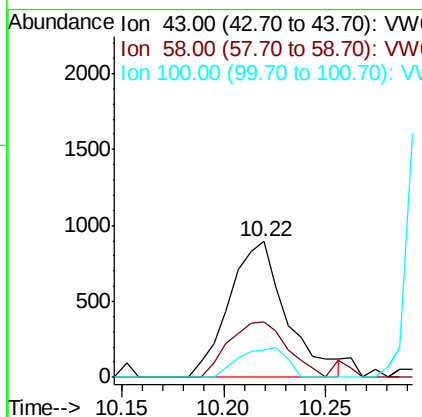
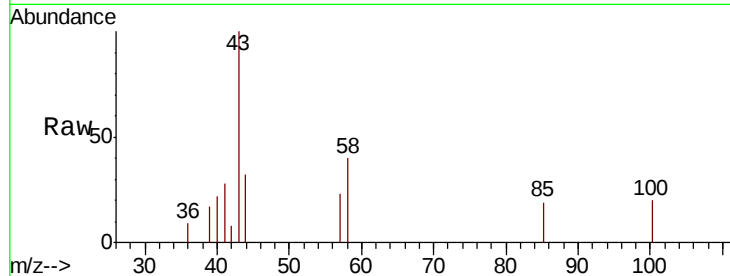




#43
4-Methyl-2-pentanone
Concen: 0.712 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW017044.D
Acq: 02 Nov 2020 13:48

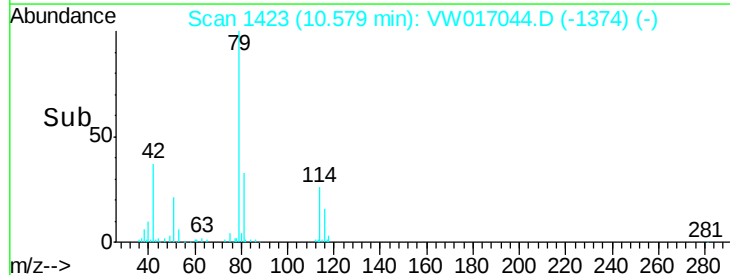
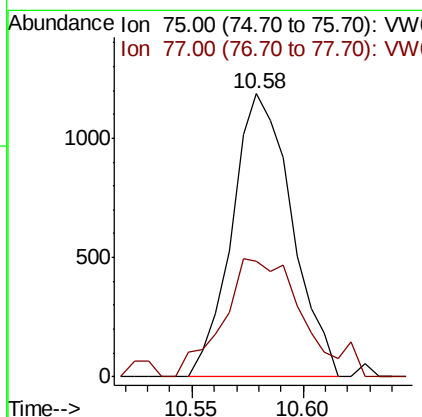
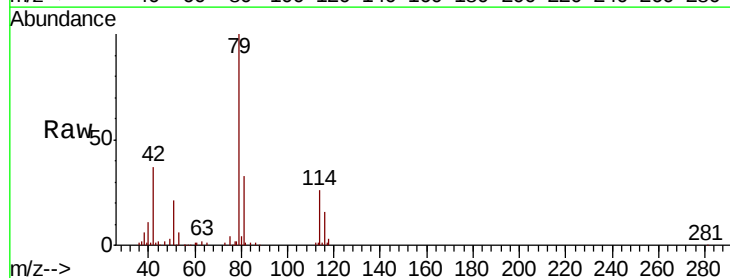
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VIBLK23

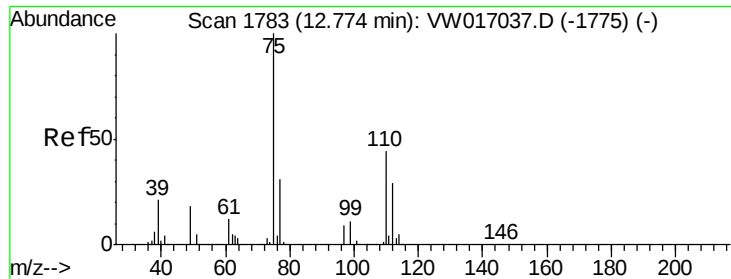
Tot Ion: 43 Resp: 1751
Ion Ratio Lower Upper
43 100
58 41.5 34.4 51.6
100 17.8 16.2 24.2



#45
trans-1,3-Dichloropropene
Concen: 0.330 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017044.D
Acq: 02 Nov 2020 13:48

Tgt Ion: 75 Resp: 2220
Ion Ratio Lower Upper
75 100
77 40.6 22.7 42.3





#59

1,2,3-Trichloropropane

Concen: 6.092 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017044.D

Acq: 02 Nov 2020 13:48

Instrument :

MSVOA_W

ClientSampleId :

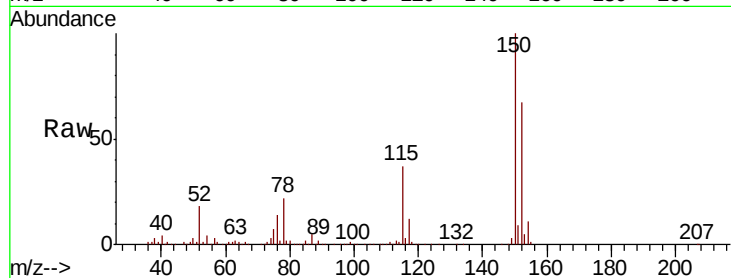
VIBLK23

Tot Ion: 75 Resp: 19438

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

