

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102620\
 Data File : VW016997.D
 Acq On : 26 Oct 2020 14:35
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK24

Quant Time: Oct 27 08:25:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 08:16:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	507183	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	479349	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	234361	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123845	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
7) Chloroethane-d5	2.89	69	97836	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	4.02	63	184905	16.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.96%
20) 2-Butanone-d5	7.08	46	77005	69.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.68%#
24) Chloroform-d	7.65	84	272075	23.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	8.31	65	144221	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.76%
29) Benzene-d6	8.27	84	563908	22.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.60%
33) 1,2-Dichloropropane-d6	9.27	67	158321	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	10.32	98	536501	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.56%
38) trans-1,3-Dichloropropene-	10.58	79	69692	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.84%
39) 2-Hexanone-d5	10.93	63	62733	67.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146693	28.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	202601	24.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.40%

Target Compounds

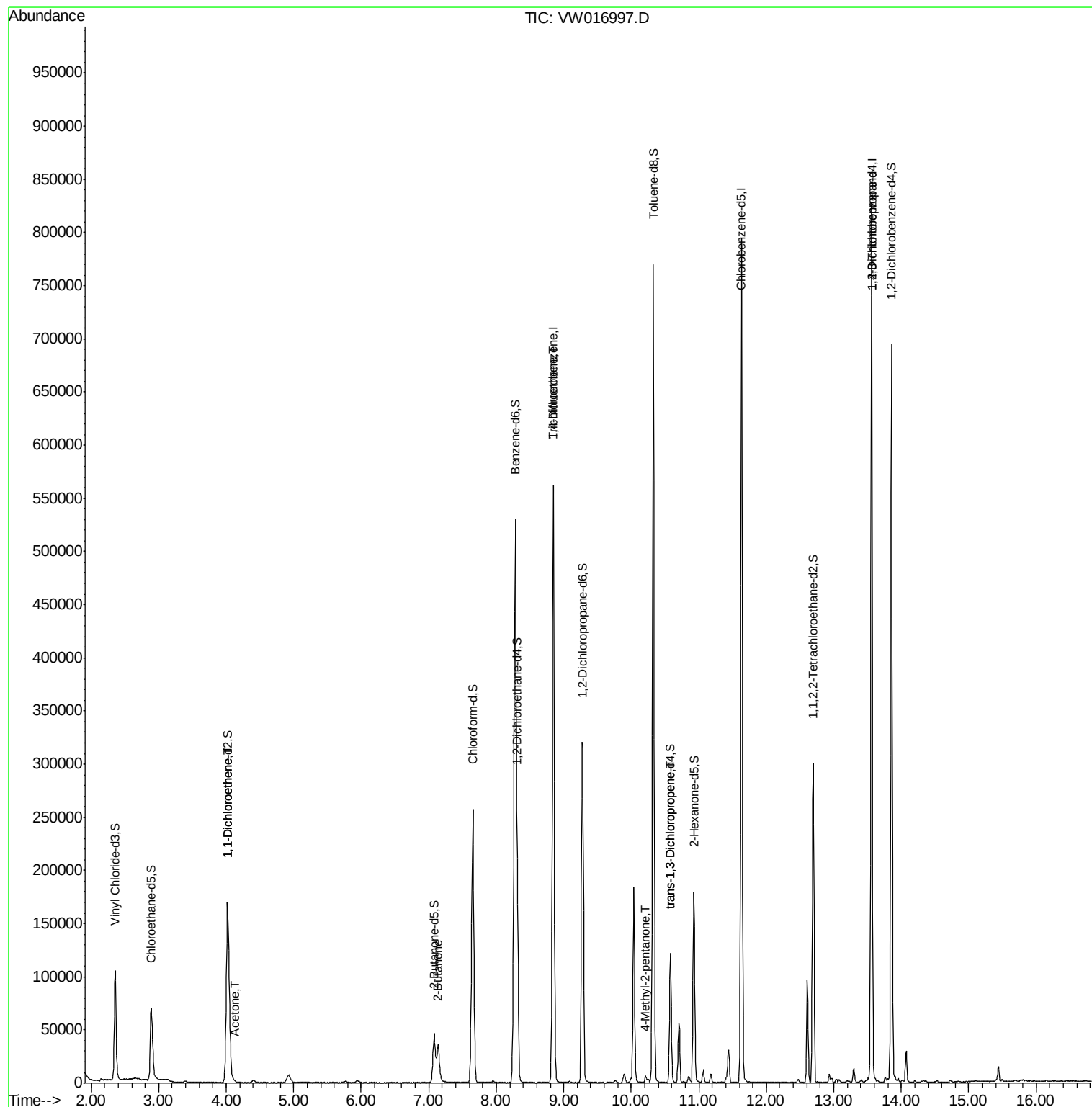
					Ovalue
12) 1,1-Dichloroethene	4.02	96	1855	0.279 ug/L #	1
13) Acetone	4.13	43	828	1.116 ug/L	99
21) 2-Butanone	7.15	43	1850	1.490 ug/L #	53
35) Trichloroethene	8.85	95	14877	2.029 ug/L #	2
43) 4-Methyl-2-pentanone	10.21	43	4898	1.747 ug/L	93
45) trans-1,3-Dichloropropene	10.58	75	2835	0.370 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	23709	6.521 ug/L	91

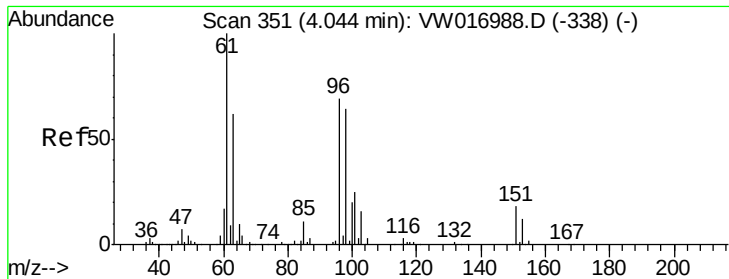
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.279 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW016997.D

Acq: 26 Oct 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

VIBLK24

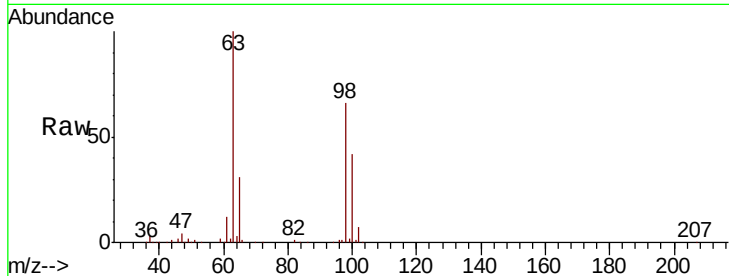
Tot Ion: 96 Resp: 1855

Ion Ratio Lower Upper

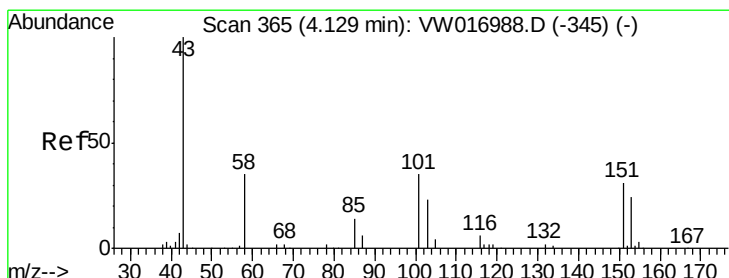
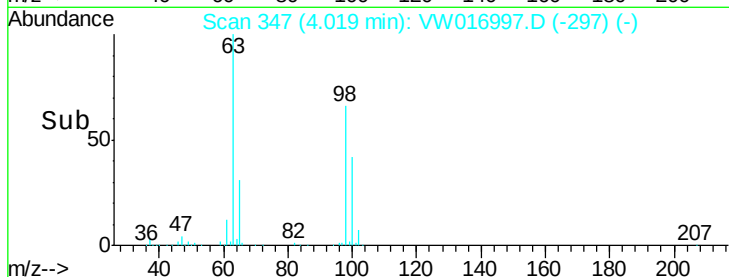
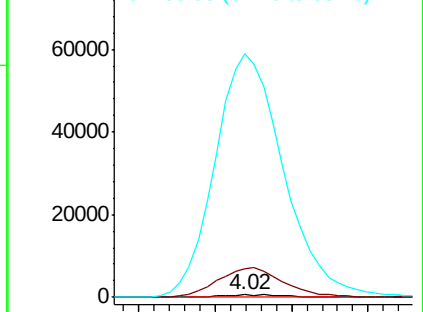
96 100

61 1044.0 101.4 188.4#

63 9023.0 78.5 145.9#



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 1.116 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW016997.D

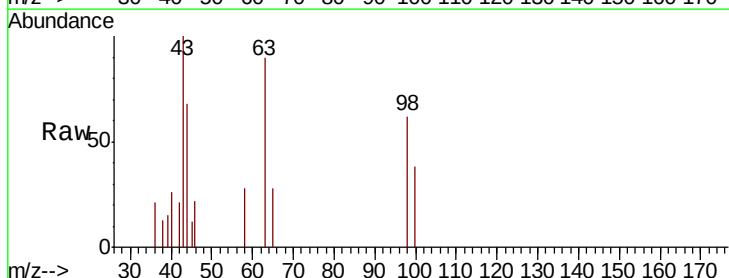
Acq: 26 Oct 2020 14:35

Tgt Ion: 43 Resp: 828

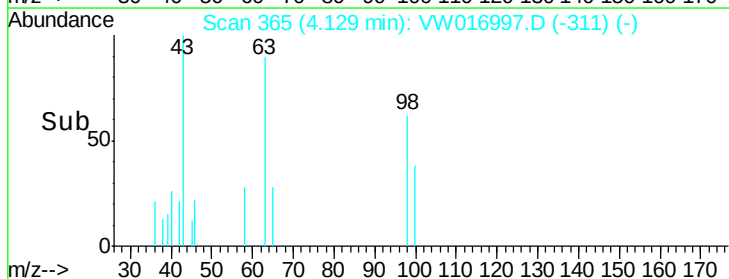
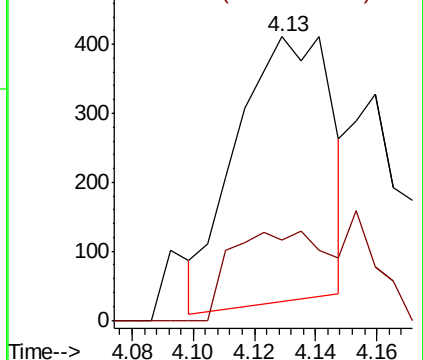
Ion Ratio Lower Upper

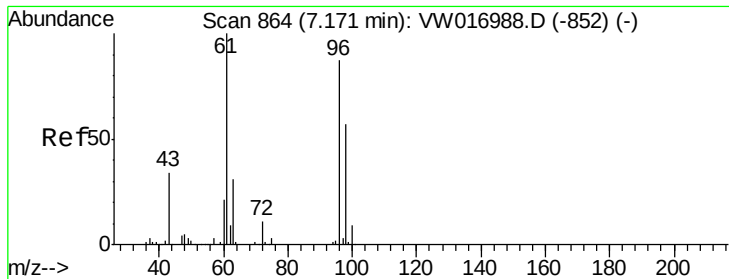
43 100

58 34.5 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#21

2-Butanone

Concen: 1.490 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW016997.D

Acq: 26 Oct 2020 14:35

Instrument :

MSVOA_W

ClientSampled :

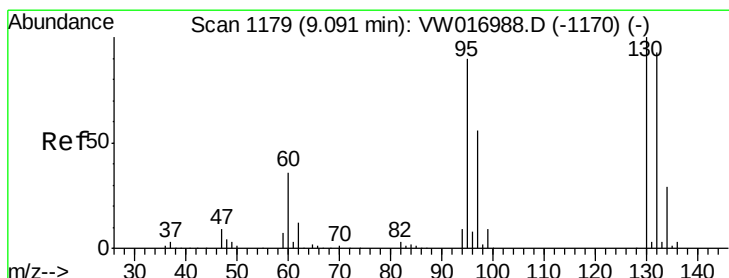
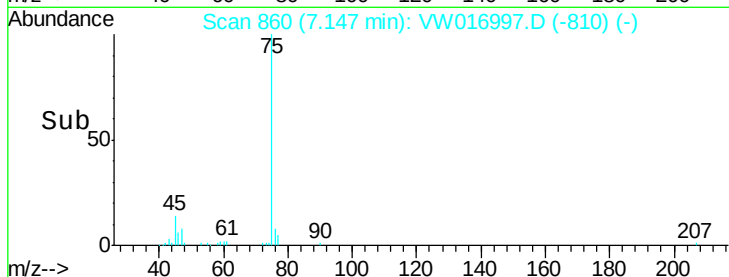
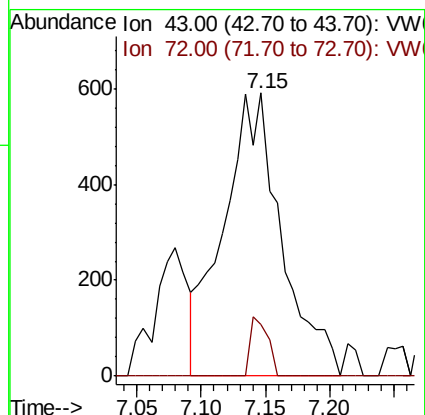
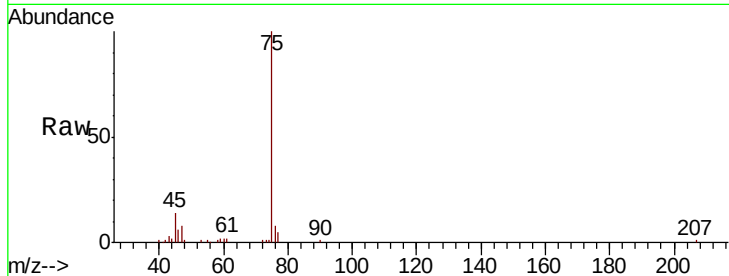
VIBLK24

Tot Ion: 43 Resp: 1850

Ion Ratio Lower Upper

43 100

72 6.1 16.1 48.2#



#35

Trichloroethene

Concen: 2.029 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016997.D

Acq: 26 Oct 2020 14:35

Tgt Ion: 95 Resp: 14877

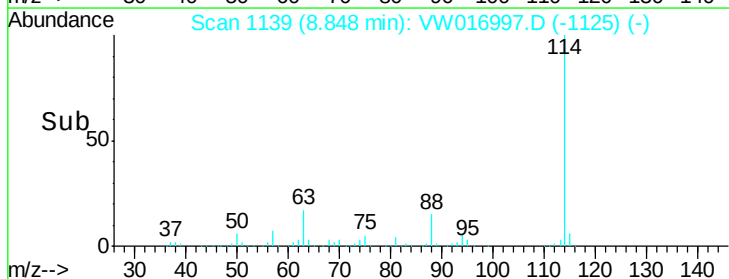
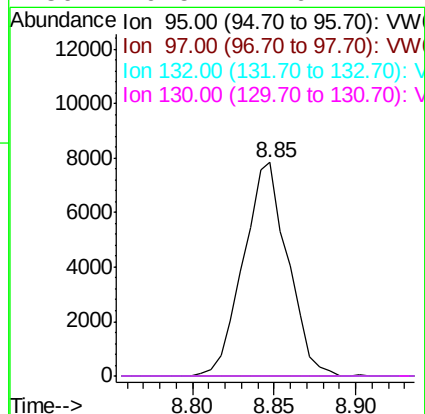
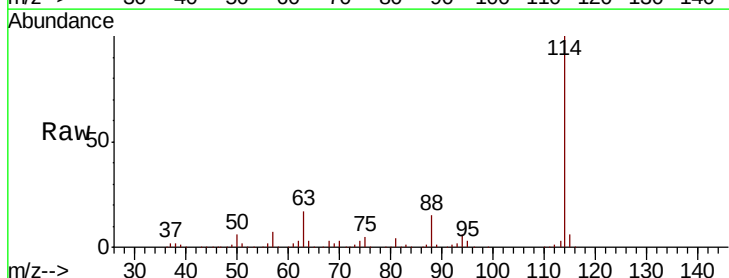
Ion Ratio Lower Upper

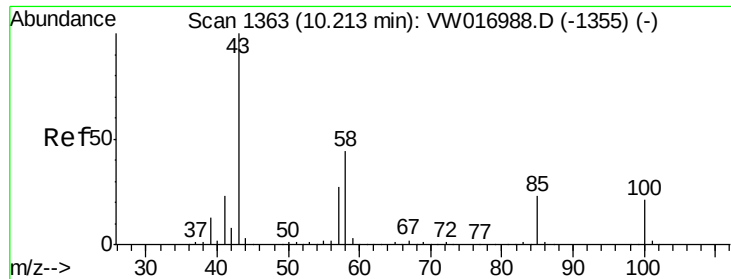
95 100

97 0.0 46.0 85.4#

132 0.5 73.9 137.3#

130 0.5 77.6 144.2#

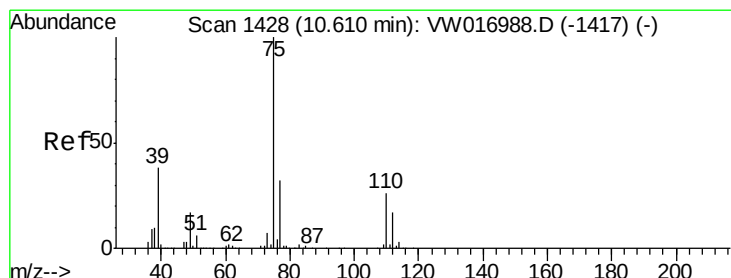
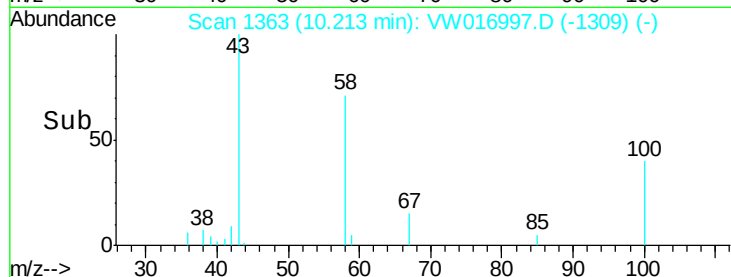
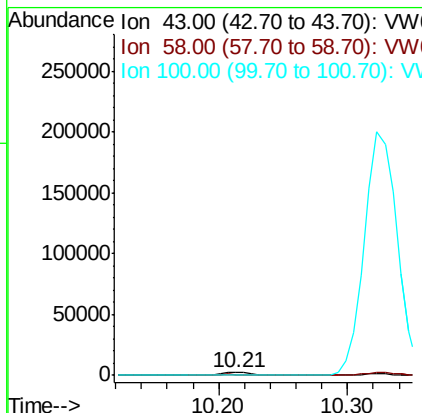
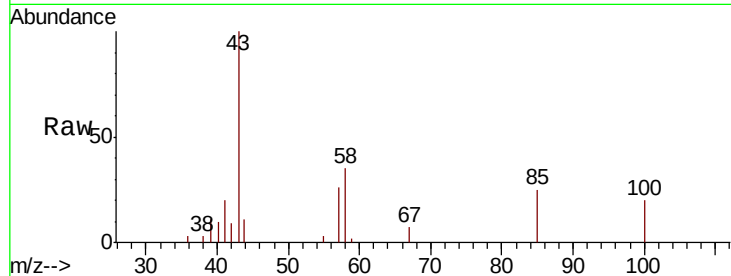




#43
4-Methyl-2-pentanone
Concen: 1.747 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW016997.D
Acq: 26 Oct 2020 14:35

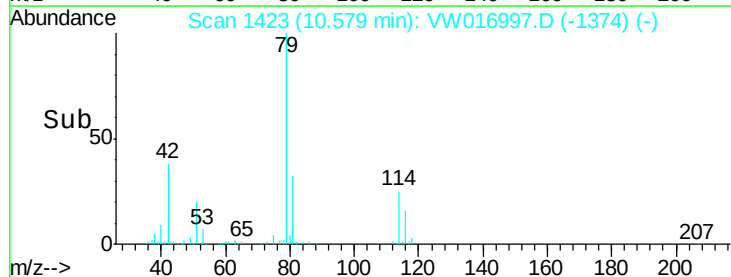
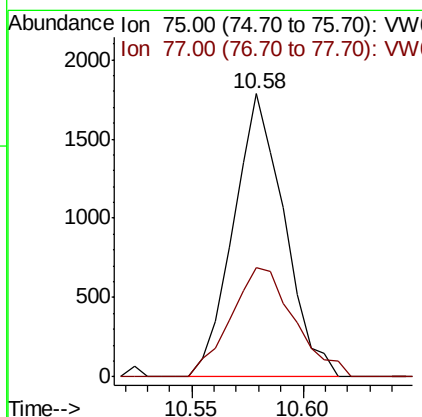
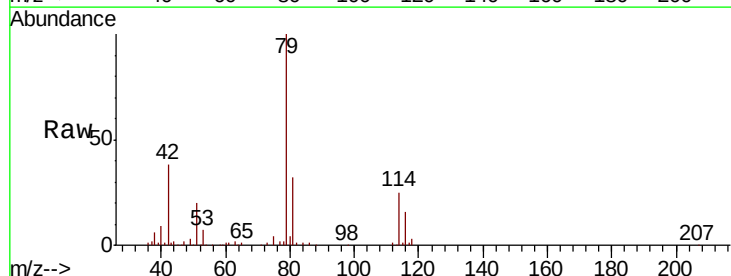
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VIBLK24

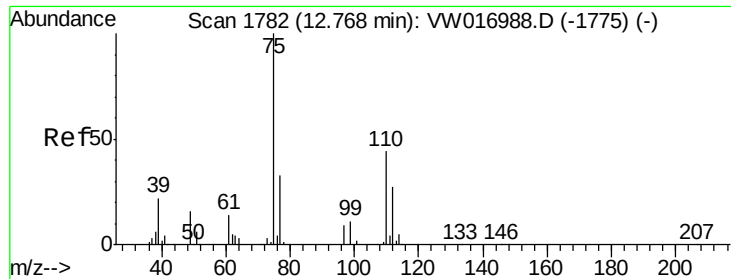
Tot Ion: 43 Resp: 4898
Ion Ratio Lower Upper
43 100
58 37.0 34.4 51.6
100 19.0 16.2 24.2



#45
trans-1,3-Dichloropropene
Concen: 0.370 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW016997.D
Acq: 26 Oct 2020 14:35

Tgt Ion: 75 Resp: 2835
Ion Ratio Lower Upper
75 100
77 38.7 22.7 42.3





#59

1,2,3-Trichloropropane

Concen: 6.521 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016997.D

Acq: 26 Oct 2020 14:35

Instrument :

MSVOA_W

ClientSampleId :

VIBLK24

Tot Ion: 75 Resp: 23709

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8

