

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017260.D
 Acq On : 16 Nov 2020 16:30
 Operator : SY/VA
 Sample : L4739-16
 Misc : 6.96G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB103

Quant Time: Nov 17 06:11:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	459699	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410812	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109057	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	95804	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.88%
10) 1,1-Dichloroethene-d2	4.02	63	160302	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.08	46	59311	45.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.62%
24) Chloroform-d	7.65	84	252003	23.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	8.31	65	135291	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	484756	23.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.68%
33) 1,2-Dichloropropane-d6	9.27	67	136190	23.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.16%
37) Toluene-d8	10.32	98	462279	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.76%
38) trans-1,3-Dichloropropene-	10.58	79	59960	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.92%
39) 2-Hexanone-d5	10.93	63	51295	50.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126580	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	157552	24.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.72%

Target Compounds

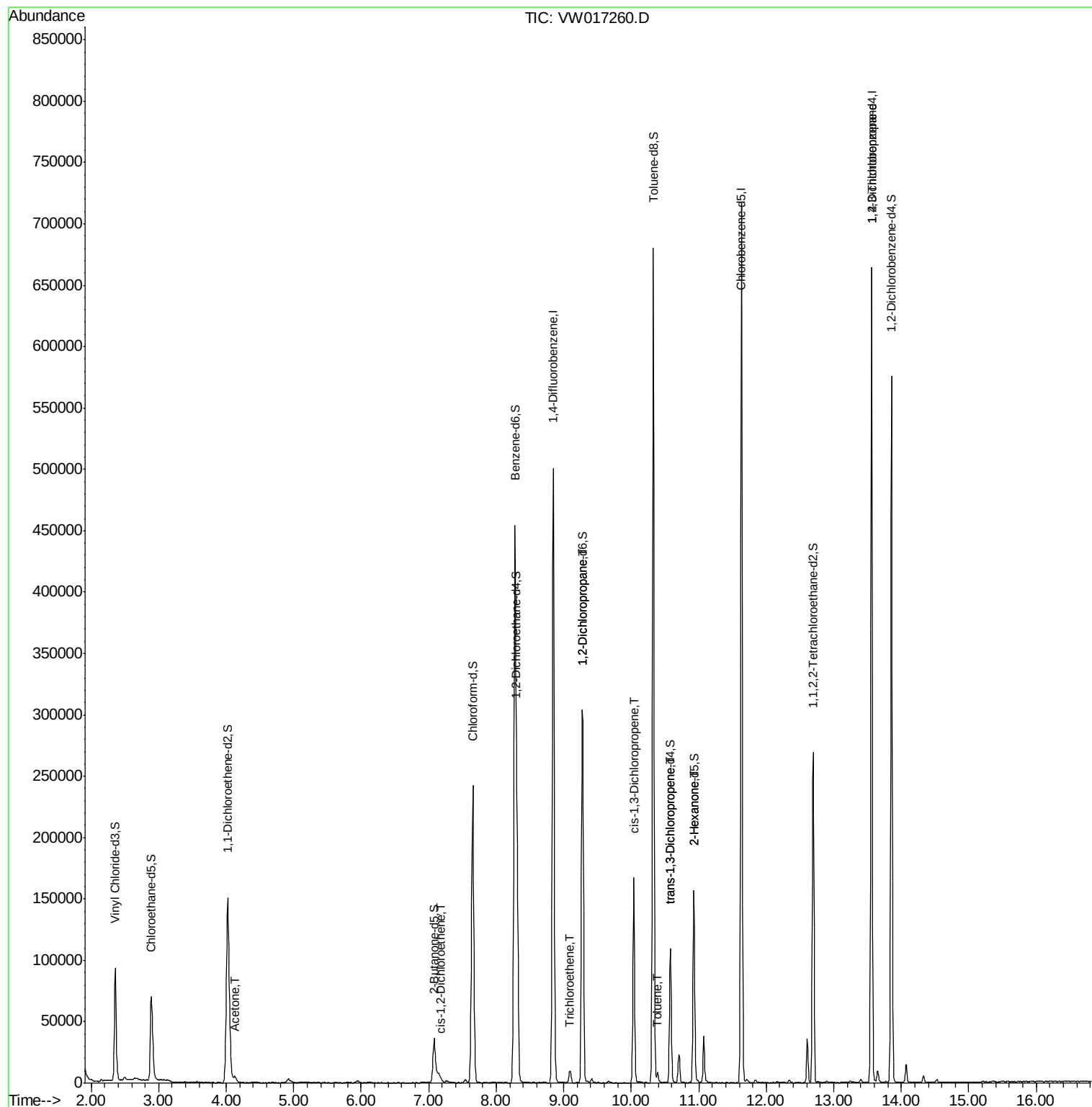
					Ovalue
13) Acetone	4.13	43	7166	8.265	ug/L 99
22) cis-1,2-Dichloroethene	7.18	96	1457	0.233	ug/L 79
35) Trichloroethene	9.09	95	3183	0.527	ug/L 96
40) 1,2-Dichloropropane	9.27	63	16364	3.245	ug/L # 85
42) cis-1,3-Dichloropropene	10.04	75	4421	0.554	ug/L # 51
44) Toluene	10.39	91	6000	0.253	ug/L 83
45) trans-1,3-Dichloropropene	10.58	75	2921	0.426	ug/L 91
49) 2-Hexanone	10.93	43	5881	3.136	ug/L # 67
59) 1,2,3-Trichloropropane	13.55	75	19631	5.438	ug/L 92

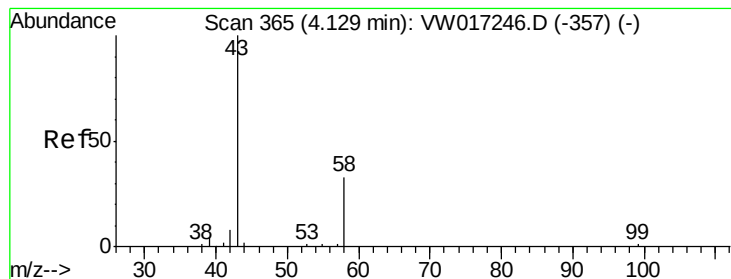
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 17 06:08:23 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.265 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

Instrument :

MSVOA_W

ClientSampled :

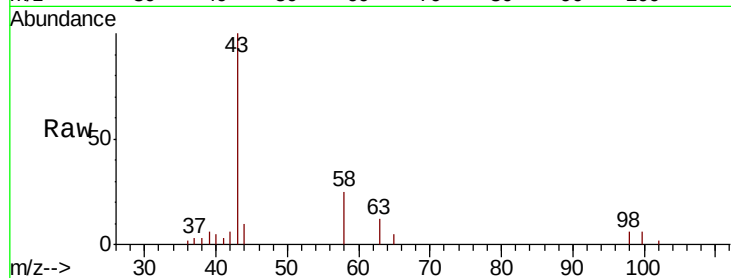
GB103

Tot Ion: 43 Resp: 7166

Ion Ratio Lower Upper

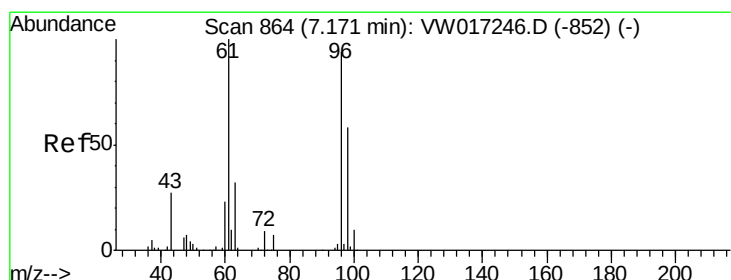
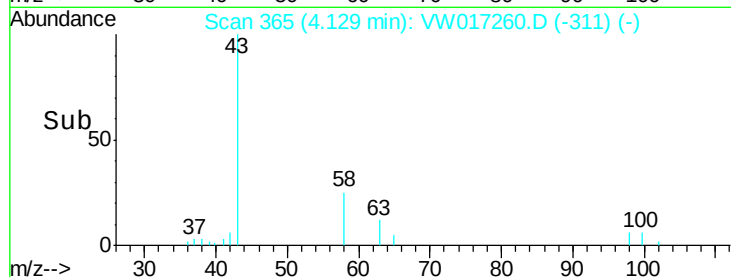
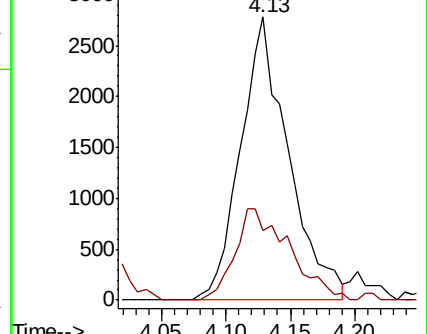
43 100

58 34.2 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.233 ug/L

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

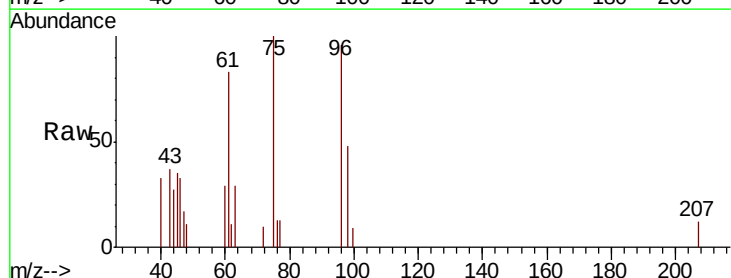
Tgt Ion: 96 Resp: 1457

Ion Ratio Lower Upper

96 100

61 86.3 77.4 143.8

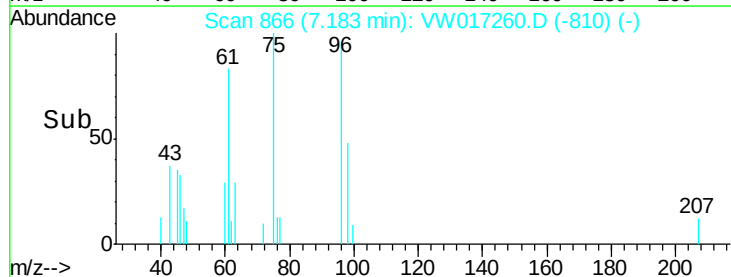
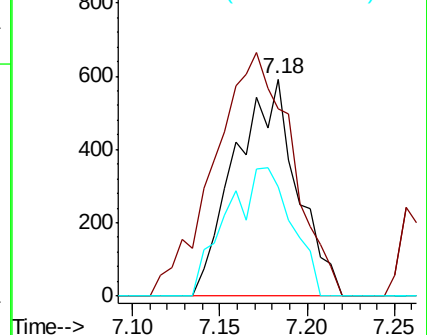
98 50.1 45.1 83.7

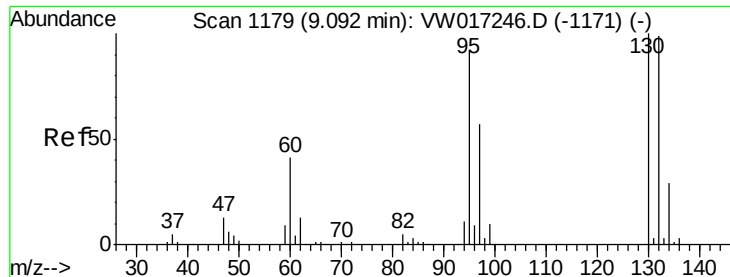


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 0.527 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

Instrument :

MSVOA_W

ClientSampleId :

GB103

Tot Ion: 95 Resp: 3183

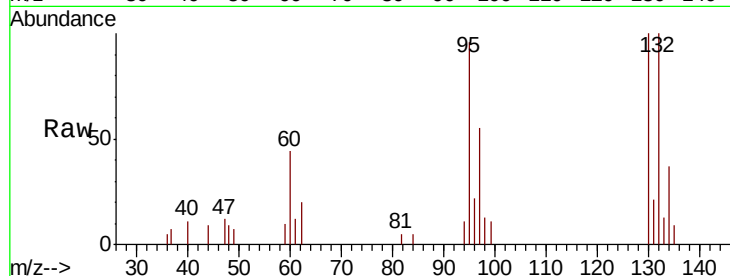
Ion Ratio Lower Upper

95 100

97 64.0 45.0 83.6

132 99.3 73.7 136.9

130 105.2 77.1 143.1

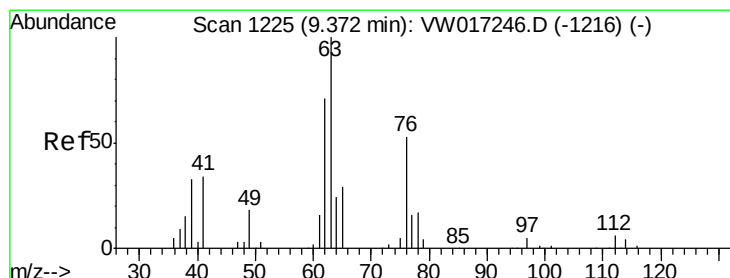
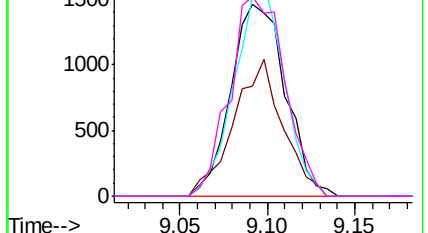
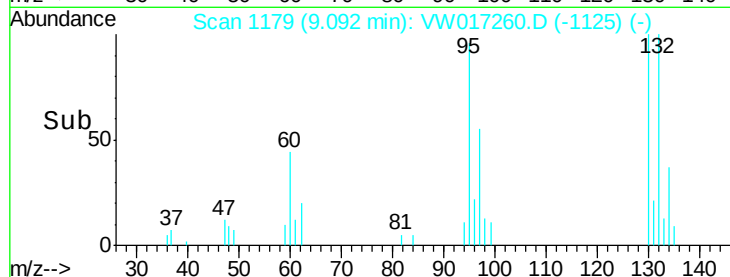


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.245 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017260.D

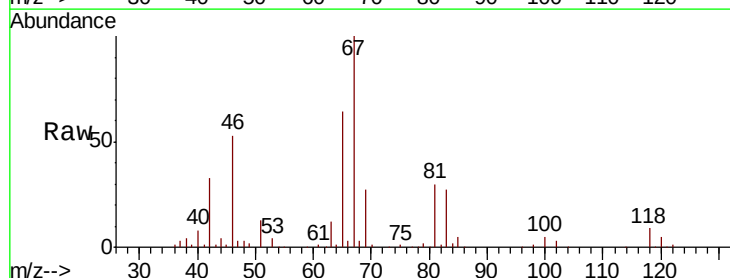
Acq: 16 Nov 2020 16:30

Tgt Ion: 63 Resp: 16364

Ion Ratio Lower Upper

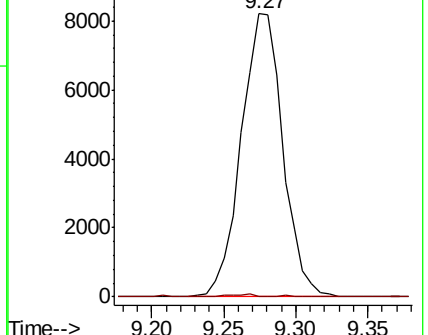
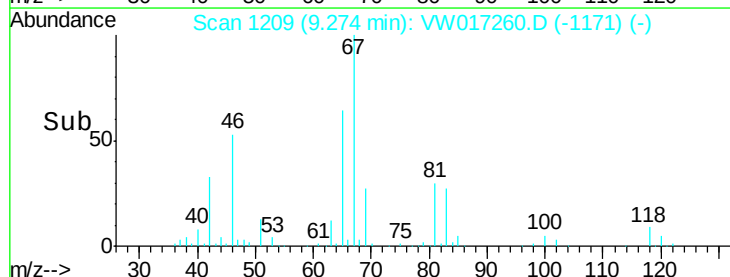
63 100

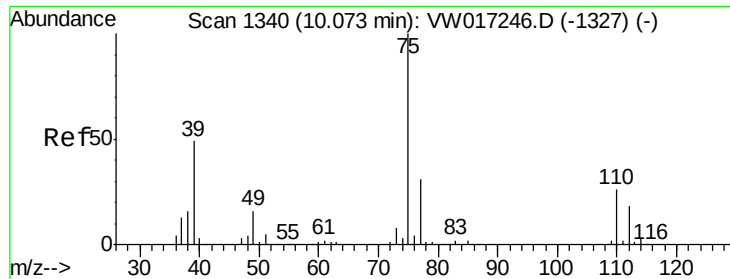
112 0.3 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.554 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

Instrument :

MSVOA_W

ClientSampleId :

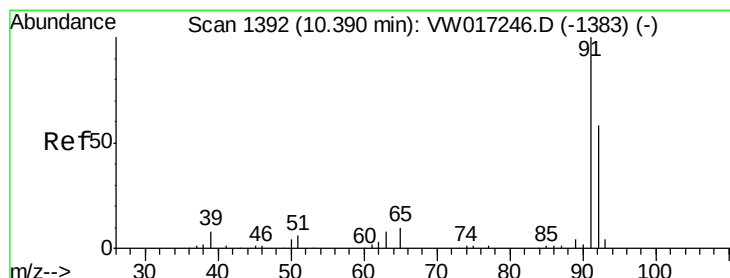
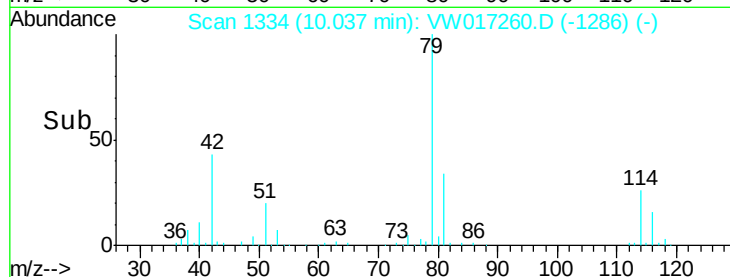
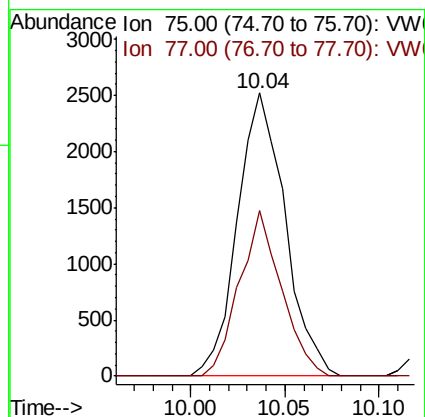
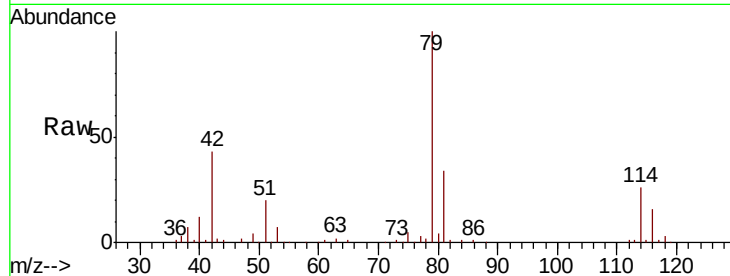
GB103

Tot Ion: 75 Resp: 4421

Ion Ratio Lower Upper

75 100

77 58.4 22.0 41.0#



#44

Toluene

Concen: 0.253 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017260.D

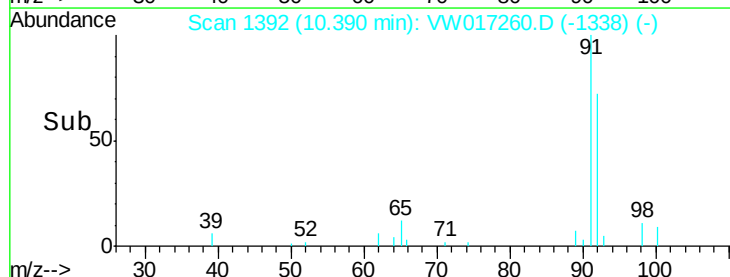
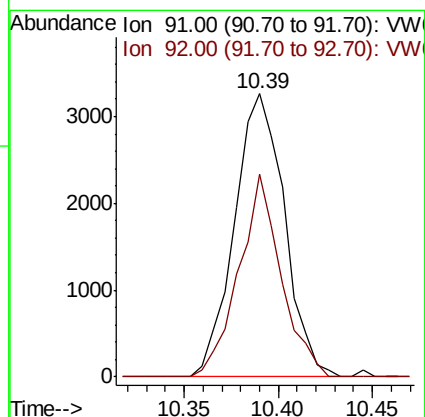
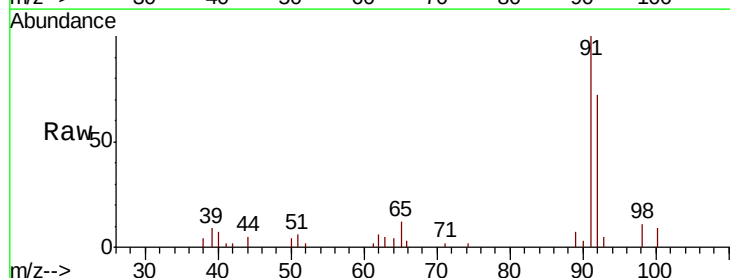
Acq: 16 Nov 2020 16:30

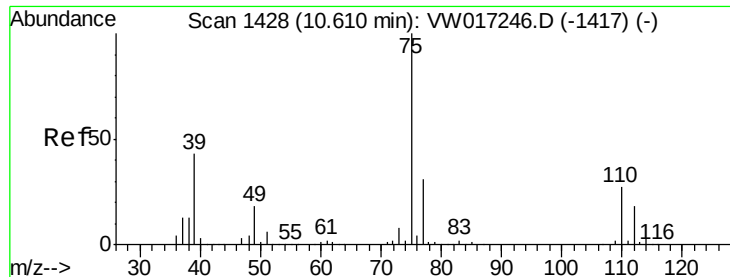
Tgt Ion: 91 Resp: 6000

Ion Ratio Lower Upper

91 100

92 71.6 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.426 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

Instrument :

MSVOA_W

ClientSampleId :

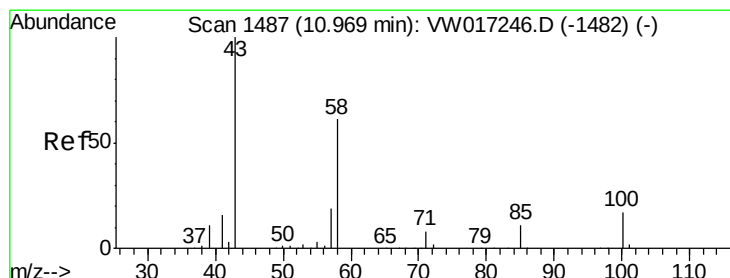
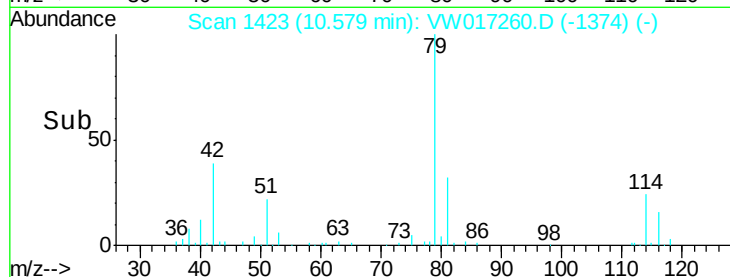
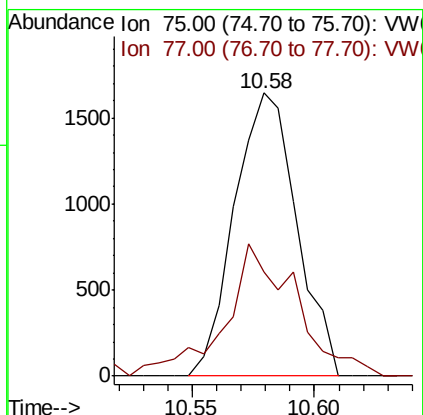
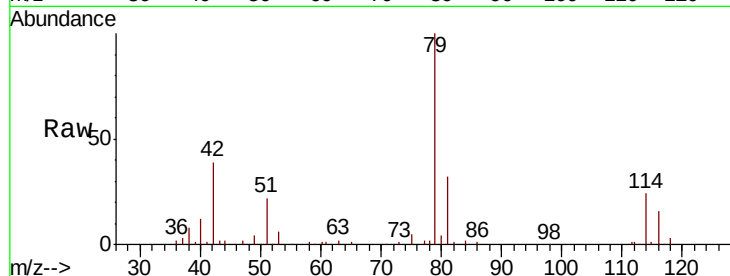
GB103

Tot Ion: 75 Resp: 2921

Ion Ratio Lower Upper

75 100

77 36.8 22.1 41.1



#49

2-Hexanone

Concen: 3.136 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

Tgt Ion: 43 Resp: 5881

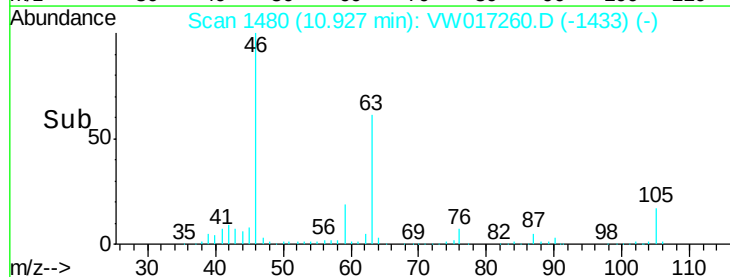
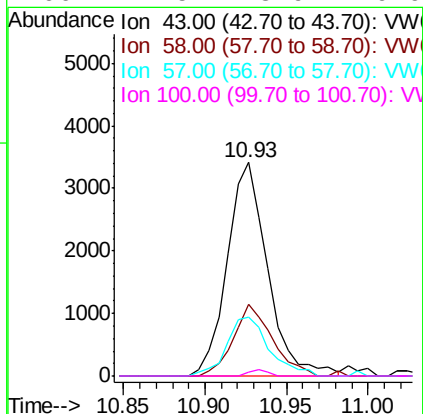
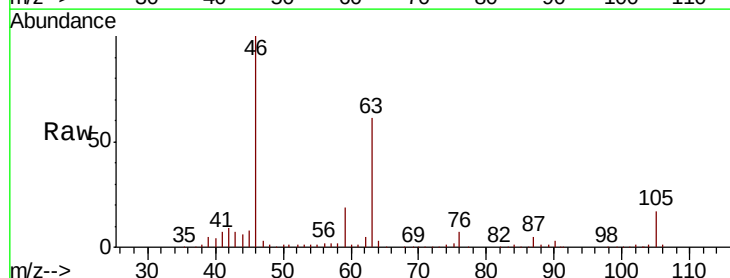
Ion Ratio Lower Upper

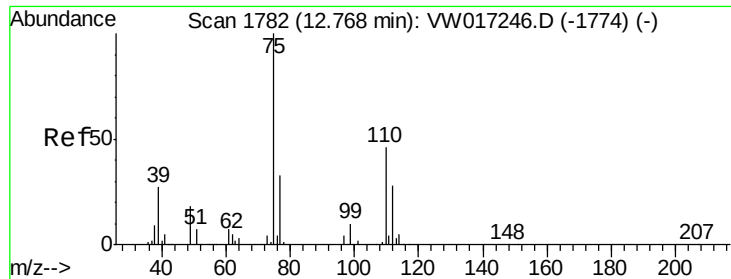
43 100

58 32.5 50.6 75.8#

57 28.9 17.8 26.6#

100 1.5 13.9 20.9#





#59

1,2,3-Trichloropropane

Concen: 5.438 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017260.D

Acq: 16 Nov 2020 16:30

Instrument :

MSVOA_W

ClientSampleId :

GB103

Tot Ion: 75 Resp: 19631

Ion Ratio Lower Upper

75 100

77 37.5 26.4 39.6

