

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017299.D
 Acq On : 17 Nov 2020 21:11
 Operator : SY/VA
 Sample : L4738-05
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0X2

Quant Time: Nov 18 04:51:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	382007	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	270990	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	66227	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	90663	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
7) Chloroethane-d5	2.89	69	82036	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
10) 1,1-Dichloroethene-d2	4.02	63	131477	15.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.12%
20) 2-Butanone-d5	7.08	46	64044	59.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.04%
24) Chloroform-d	7.65	84	216491	24.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	8.31	65	123915	27.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.80%
29) Benzene-d6	8.27	84	398169	28.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.40%
33) 1,2-Dichloropropane-d6	9.27	67	118561	31.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.24%#
37) Toluene-d8	10.33	98	332323	25.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.16%
38) trans-1,3-Dichloropropene-	10.58	79	47255	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.84%
39) 2-Hexanone-d5	10.93	63	48606	72.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.94%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96498	29.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	54704	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

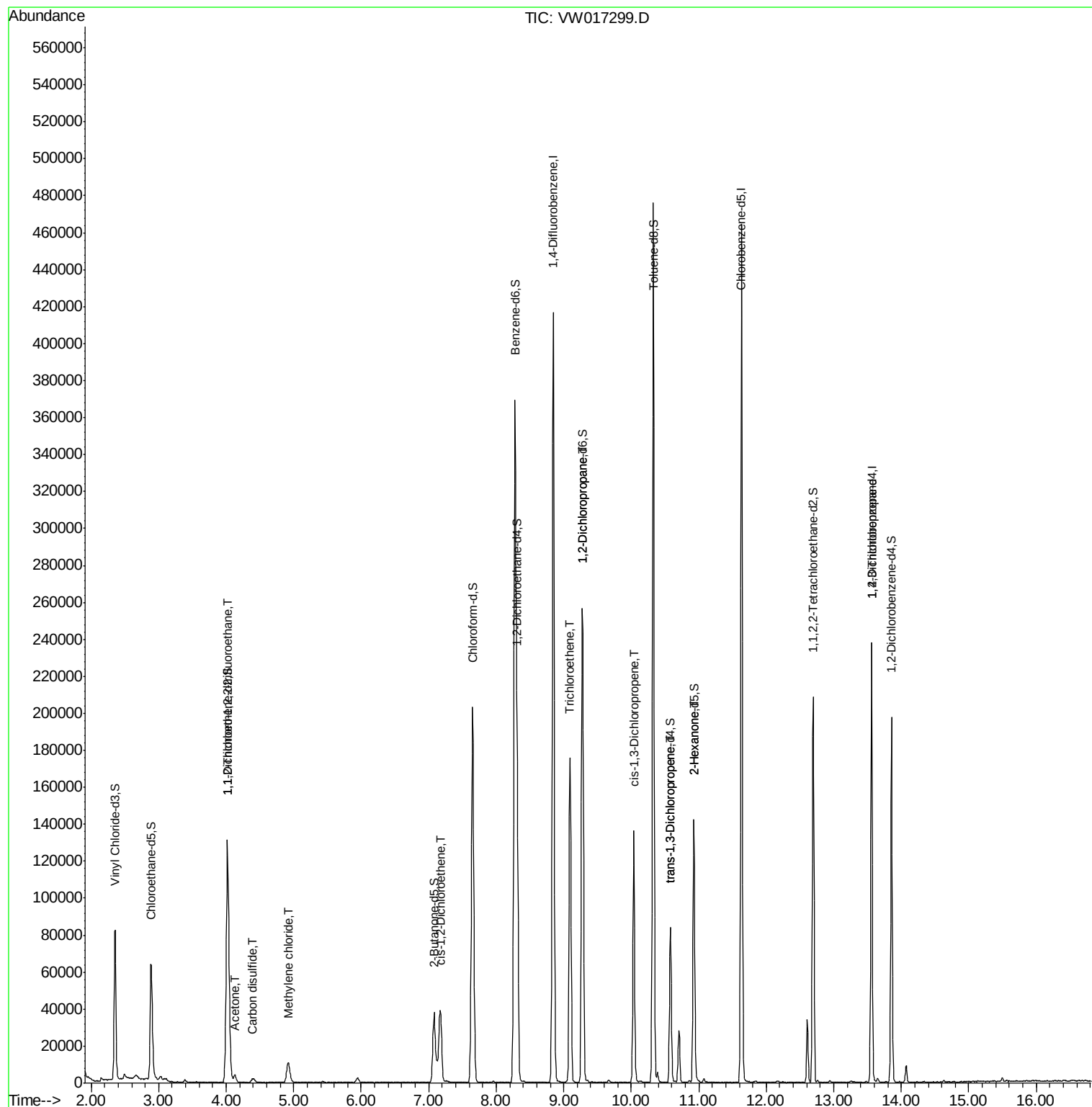
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1257	0.255	ug/L #	17
13) Acetone	4.12	43	3605	5.004	ug/L	77
14) Carbon disulfide	4.39	76	3302	0.256	ug/L	97
16) Methylene chloride	4.93	84	9829	1.908	ug/L	91
22) cis-1,2-Dichloroethene	7.17	96	24651	4.750	ug/L	95
35) Trichloroethene	9.09	95	60250	15.115	ug/L	99
40) 1,2-Dichloropropane	9.27	63	13588	4.085	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3784	0.718	ug/L #	71
45) trans-1,3-Dichloropropene	10.58	75	2209	0.488	ug/L	85
49) 2-Hexanone	10.93	43	5782	4.673	ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	7326	3.076	ug/L	94

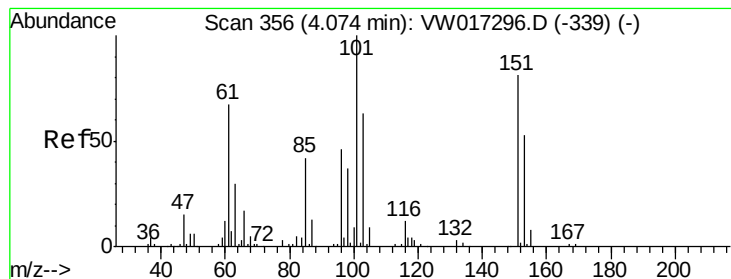
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Quant Time: Nov 18 04:51:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#11

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

Concen: 0.255 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.06 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Instrument :

MSVOA_W

ClientSampled :

GB0X2

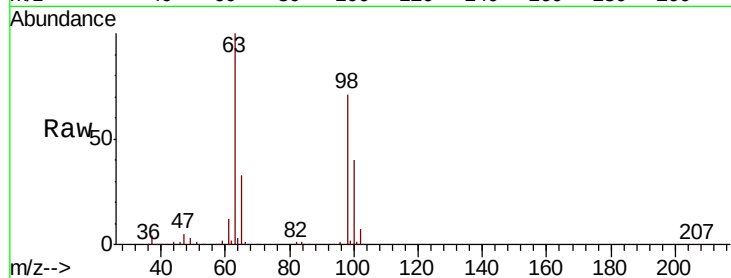
Tot Ion:101 Resp: 1257

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

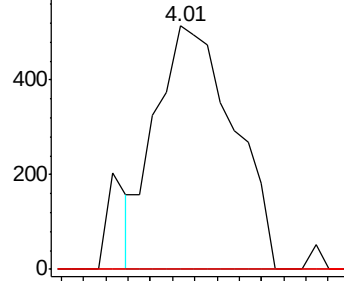
151 0.0 65.4 98.2#



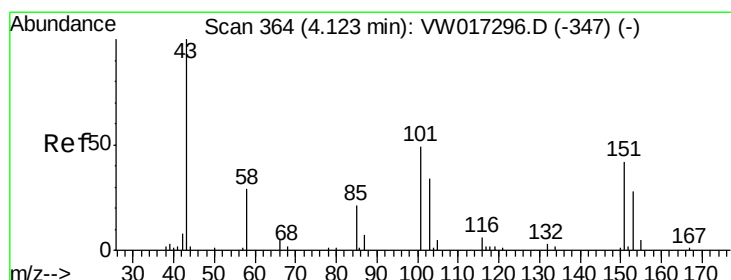
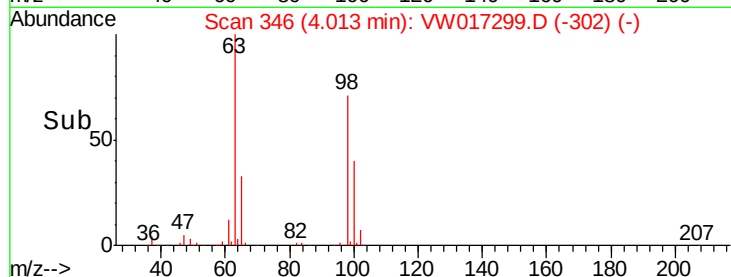
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



Time-->



#13

Acetone

Concen: 5.004 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017299.D

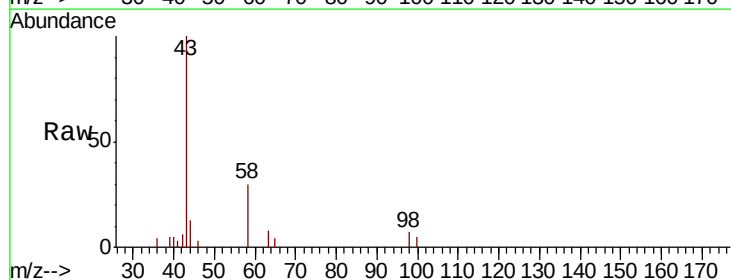
Acq: 17 Nov 2020 21:11

Tgt Ion: 43 Resp: 3605

Ion Ratio Lower Upper

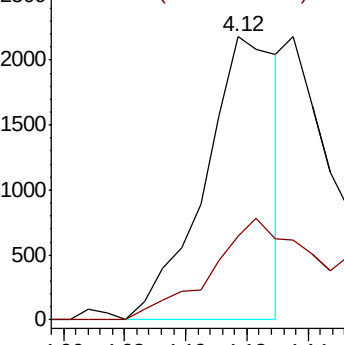
43 100

58 47.6 0.0 69.2

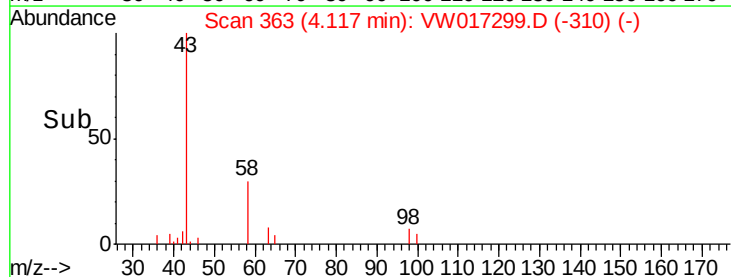


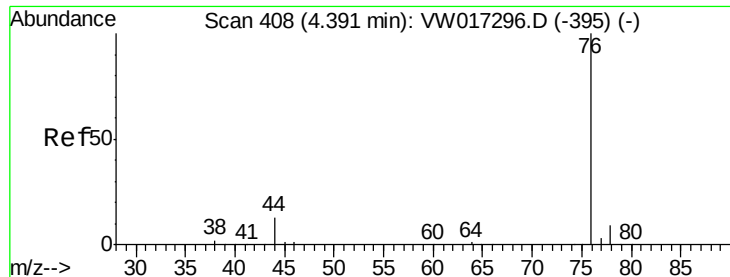
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->





#14

Carbon disulfide

Concen: 0.256 ug/L

RT: 4.39 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Instrument :

MSVOA_W

ClientSampled :

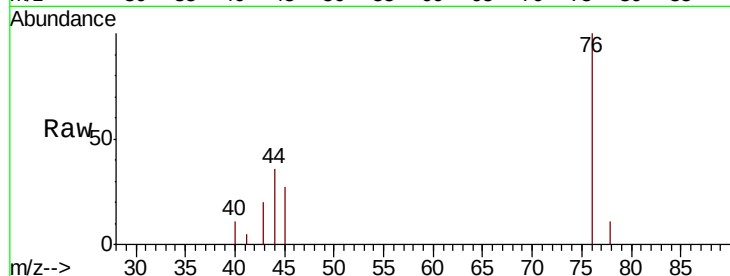
GB0X2

Tot Ion: 76 Resp: 3302

Ion Ratio Lower Upper

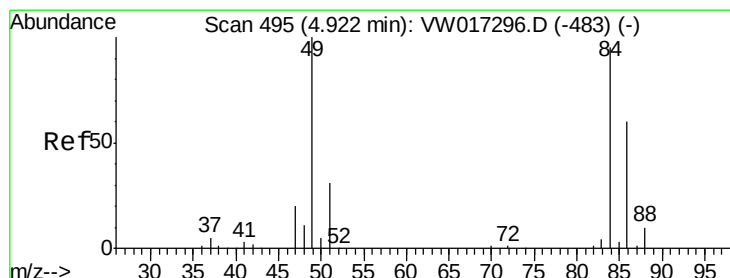
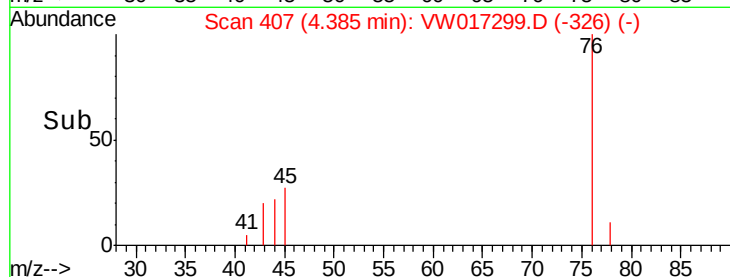
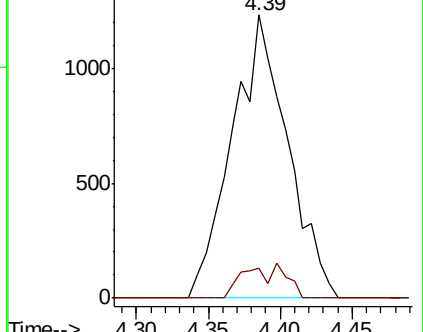
76 100

78 10.6 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 1.908 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

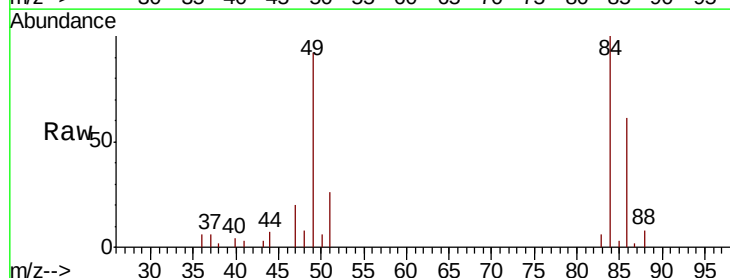
Tgt Ion: 84 Resp: 9829

Ion Ratio Lower Upper

84 100

49 91.7 72.3 134.3

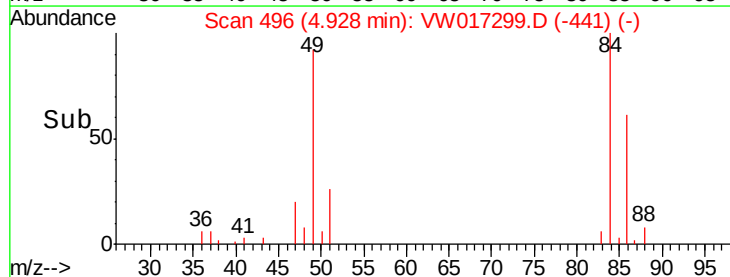
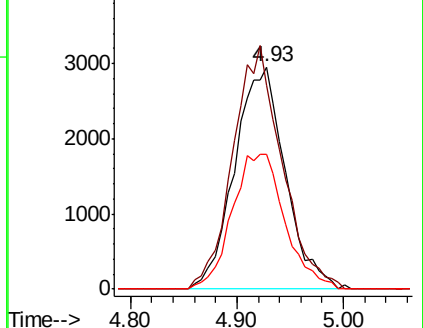
86 60.6 45.1 83.7

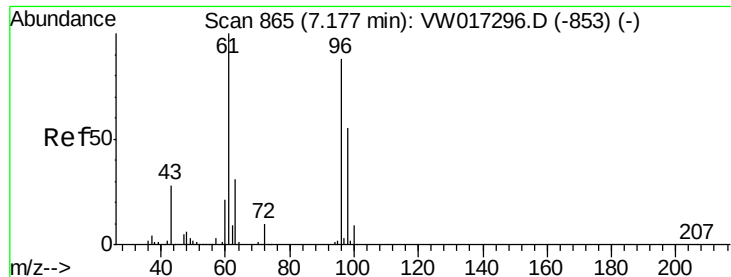


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#22

cis-1,2-Dichloroethene

Concen: 4.750 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Instrument :

MSVOA_W

ClientSampled :

GB0X2

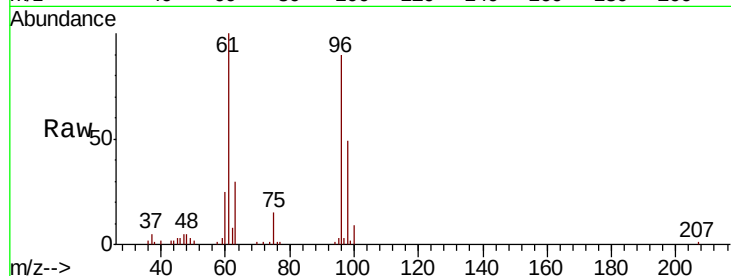
Tot Ion: 96 Resp: 24651

Ion Ratio Lower Upper

96 100

61 111.3 77.4 143.8

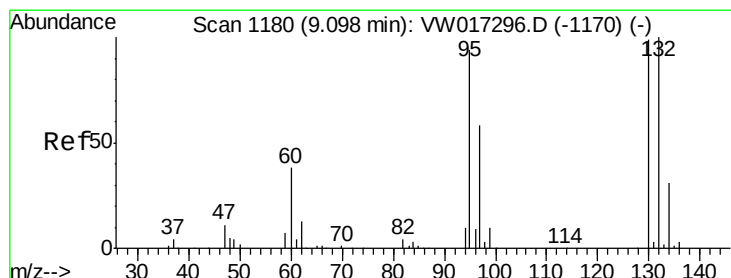
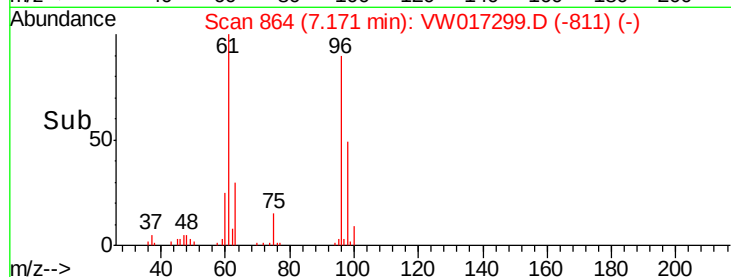
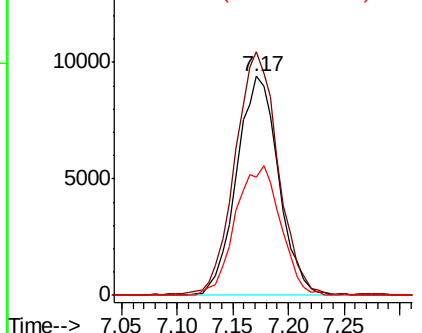
98 54.3 45.1 83.7



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: 15.115 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Tgt Ion: 95 Resp: 60250

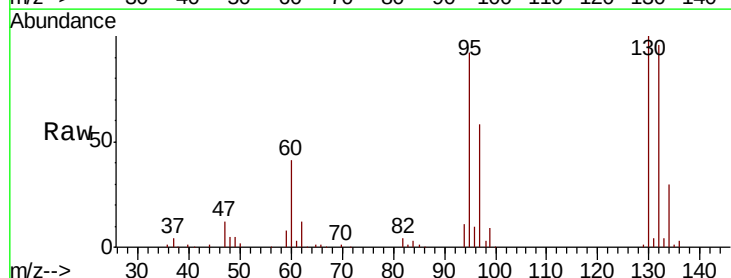
Ion Ratio Lower Upper

95 100

97 65.0 45.0 83.6

132 106.7 73.7 136.9

130 110.4 77.1 143.1

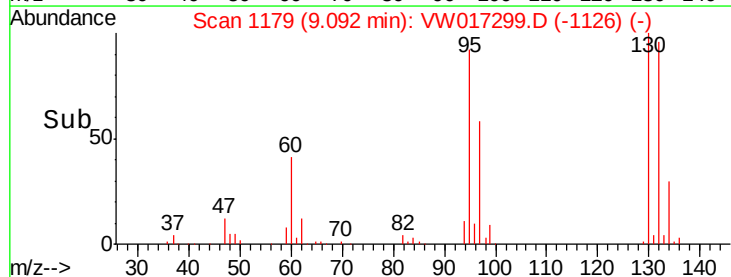
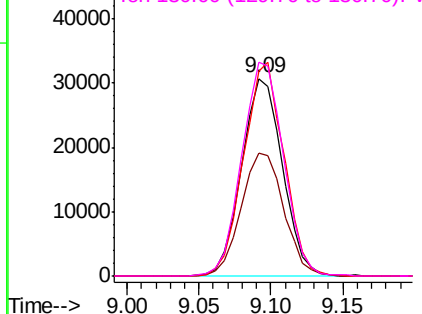


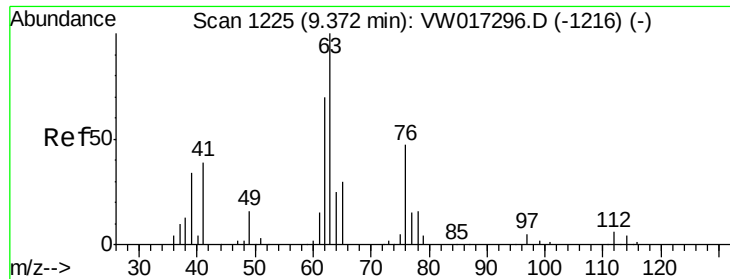
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.085 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Instrument :

MSVOA_W

ClientSampled :

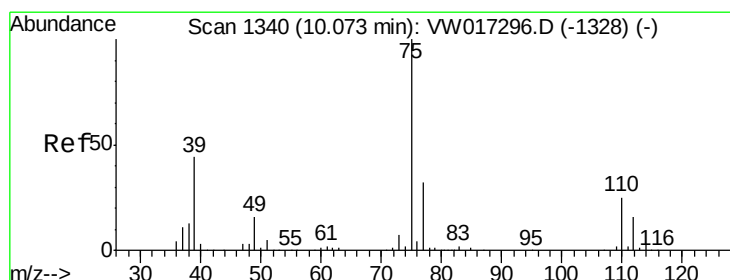
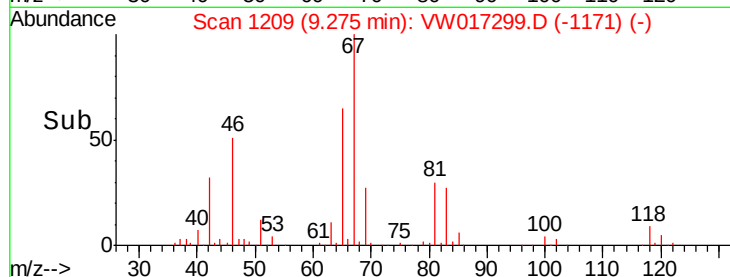
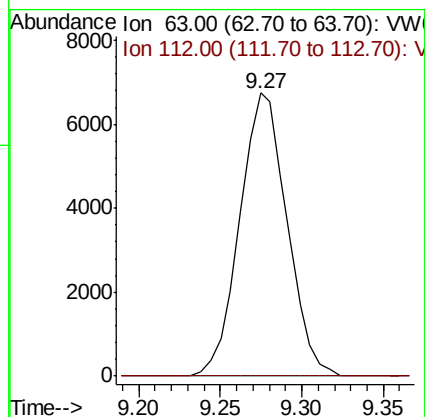
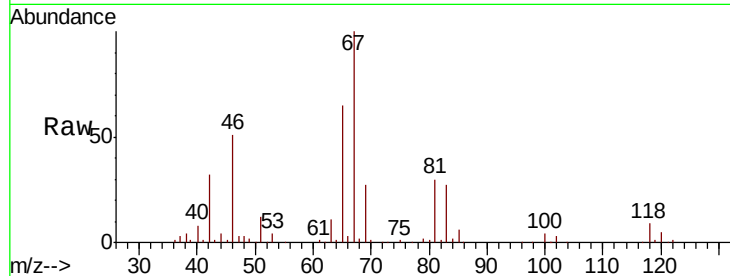
GB0X2

Tot Ion: 63 Resp: 13588

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#42

cis-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017299.D

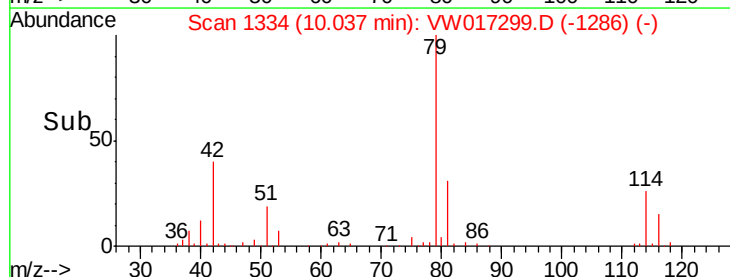
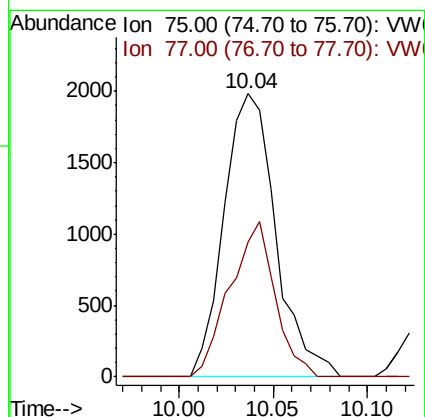
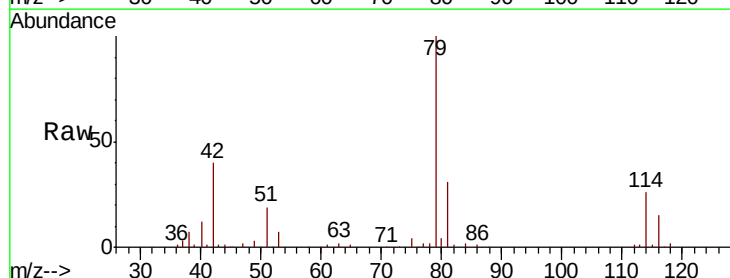
Acq: 17 Nov 2020 21:11

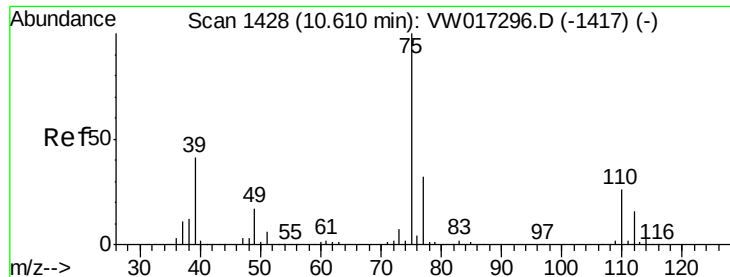
Tgt Ion: 75 Resp: 3784

Ion Ratio Lower Upper

75 100

77 47.7 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.488 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Instrument :

MSVOA_W

ClientSampled :

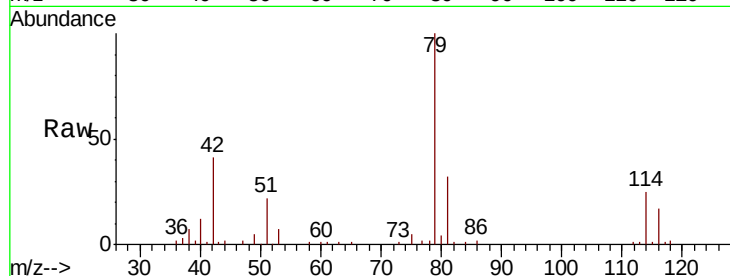
GB0X2

Tot Ion: 75 Resp: 2209

Ion Ratio Lower Upper

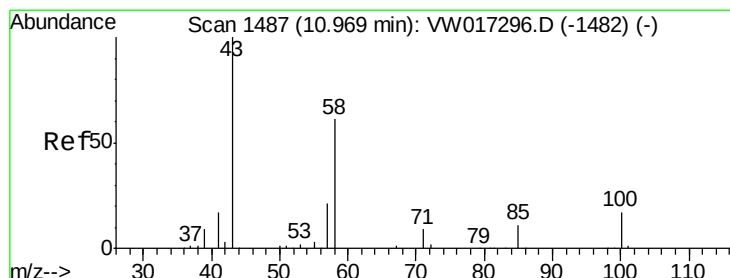
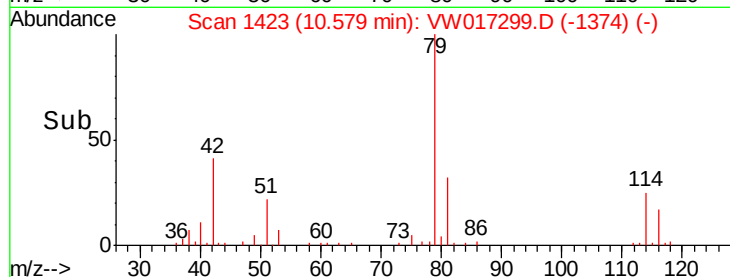
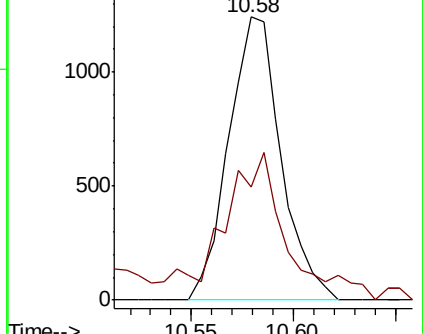
75 100

77 39.8 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#49

2-Hexanone

Concen: 4.673 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Tgt Ion: 43 Resp: 5782

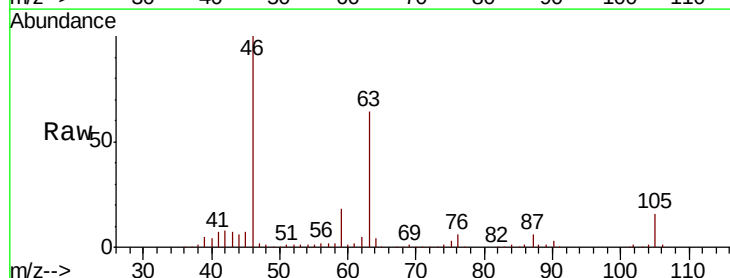
Ion Ratio Lower Upper

43 100

58 28.4 50.6 75.8#

57 27.0 17.8 26.6#

100 0.0 13.9 20.9#

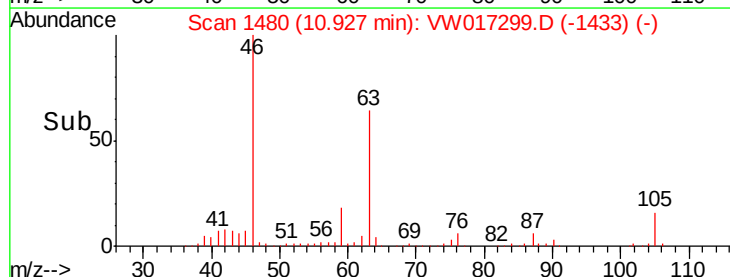
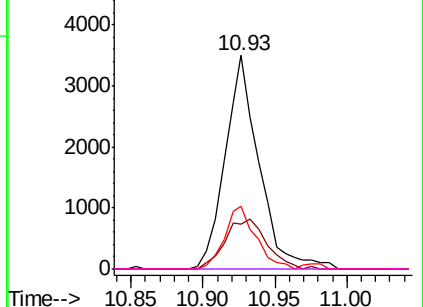


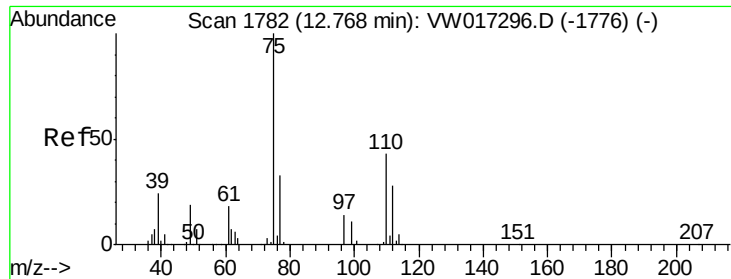
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 3.076 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017299.D

Acq: 17 Nov 2020 21:11

Instrument :

MSVOA_W

ClientSampleId :

GB0X2

Tot Ion: 75 Resp: 7326

Ion Ratio Lower Upper

75 100

77 36.5 26.4 39.6

