

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017307.D
 Acq On : 18 Nov 2020 00:19
 Operator : SY/VA
 Sample : L4738-13
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y0

Quant Time: Nov 18 04:52:50 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	8.84	114	485048	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125377	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	105897	17.33	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.32%
7) Chloroethane-d5	2.89	69	96640	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.12%
10) 1,1-Dichloroethene-d2	4.02	63	157973	14.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.84%
20) 2-Butanone-d5	7.08	46	50904	37.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.52%
24) Chloroform-d	7.65	84	267132	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.31	65	132810	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.27	84	508139	24.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.76%
33) 1,2-Dichloropropane-d6	9.27	67	145679	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.36%
37) Toluene-d8	10.32	98	465533	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.96%
38) trans-1,3-Dichloropropene-	10.58	79	52966	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.56%
39) 2-Hexanone-d5	10.93	63	39190	39.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102406	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	102951	23.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.24%

Target Compounds

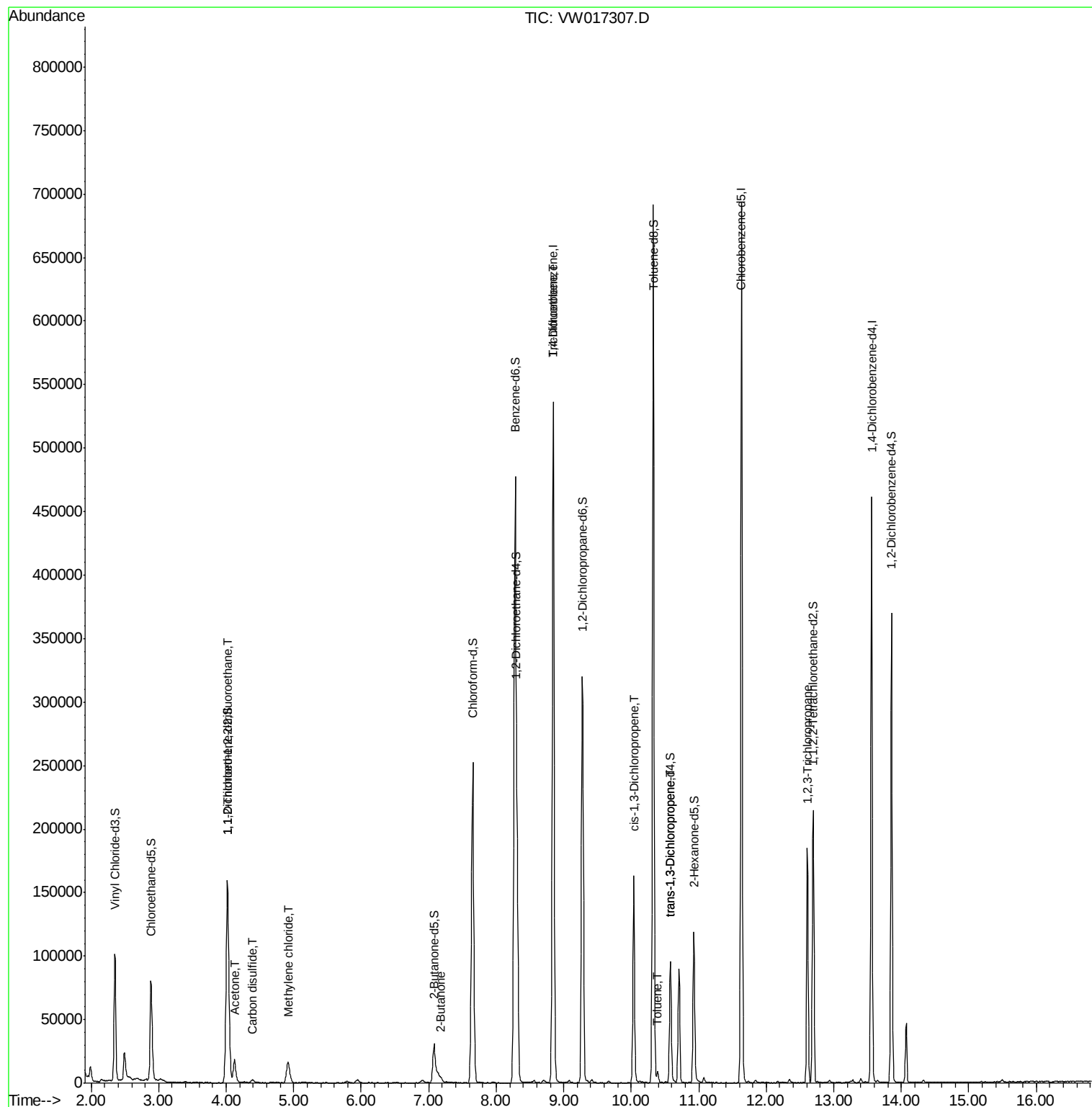
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1735	0.277	ug/L #	17
13) Acetone	4.12	43	30461	33.298	ug/L	95
14) Carbon disulfide	4.39	76	4165	0.254	ug/L	99
16) Methylene chloride	4.92	84	14400	2.202	ug/L	99
21) 2-Butanone	7.18	43	5430	3.697	ug/L	79
35) Trichloroethene	8.84	95	14020	2.358	ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4288	0.546	ug/L #	64
44) Toluene	10.39	91	6002	0.257	ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	2587	0.383	ug/L	85
59) 1,2,3-Trichloropropane	12.61	75	1551	0.437	ug/L #	56

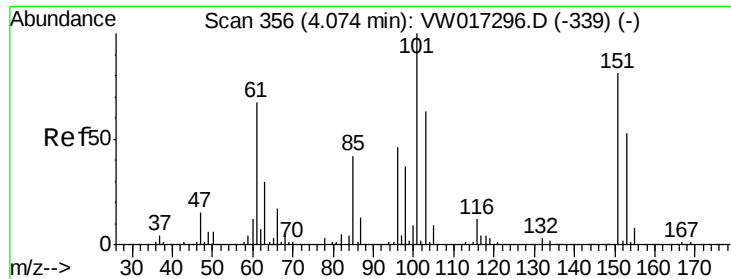
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW11720\
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Misc : 5.79G/10ML/MSVOA W/SOIL
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Quant Time: Nov 18 04:52:50 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: 0.277 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.06 min

Lab File: VW017307.D

Acq: 18 Nov 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

GB0Y0

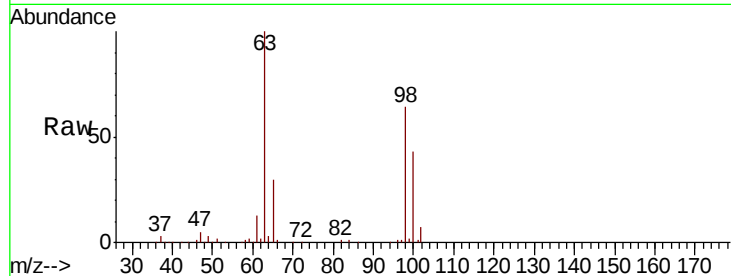
Tot Ion:101 Resp: 1735

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

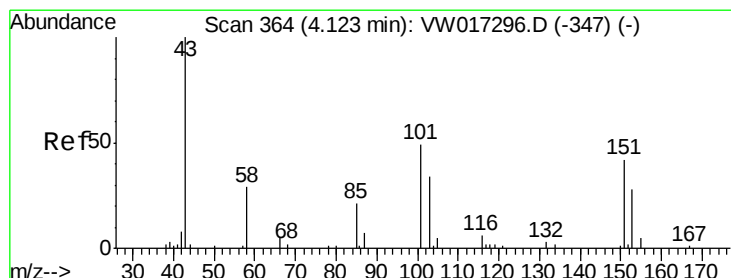
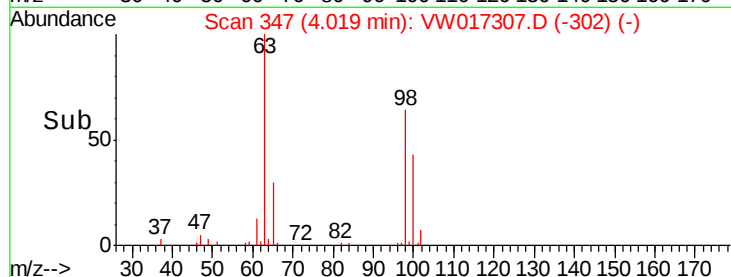
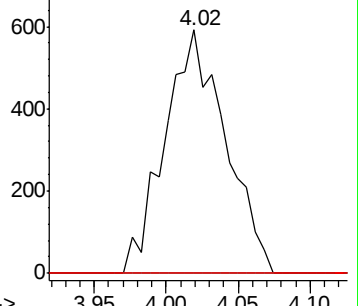
151 0.0 65.4 98.2#



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



#13

Acetone

Concen: 33.298 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW017307.D

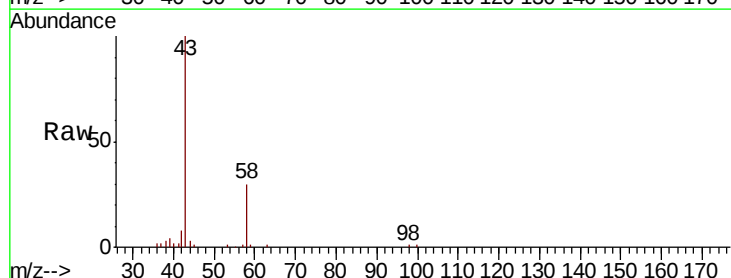
Acq: 18 Nov 2020 00:19

Tgt Ion: 43 Resp: 30461

Ion Ratio Lower Upper

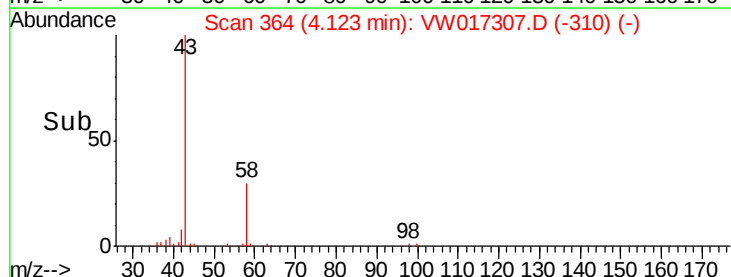
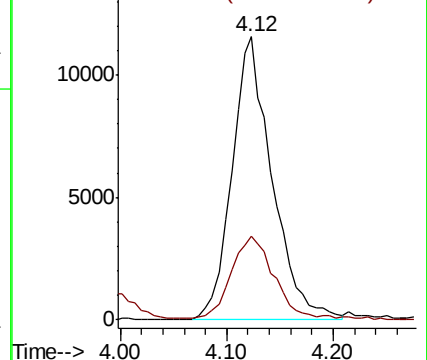
43 100

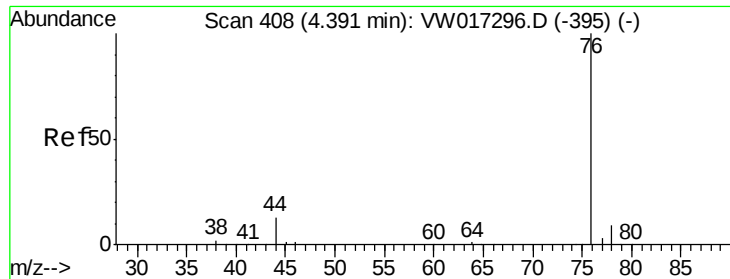
58 31.6 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#14

Carbon disulfide

Concen: 0.254 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW017307.D

Acq: 18 Nov 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

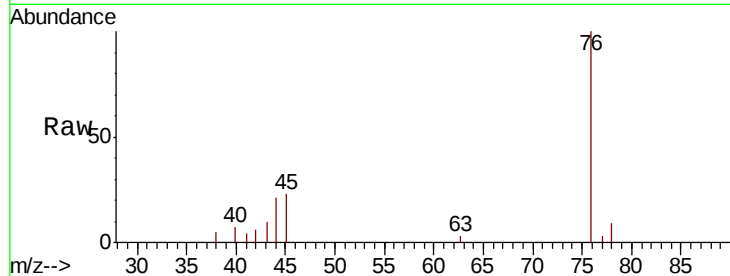
GB0Y0

Tot Ion: 76 Resp: 4165

Ion Ratio Lower Upper

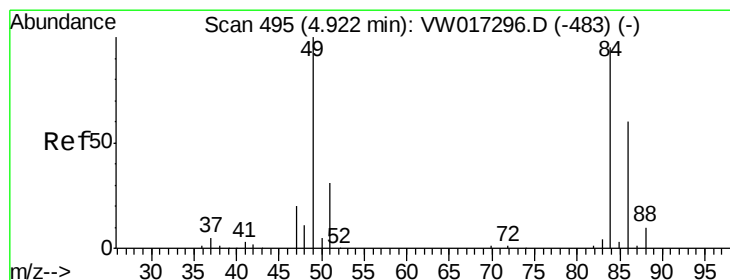
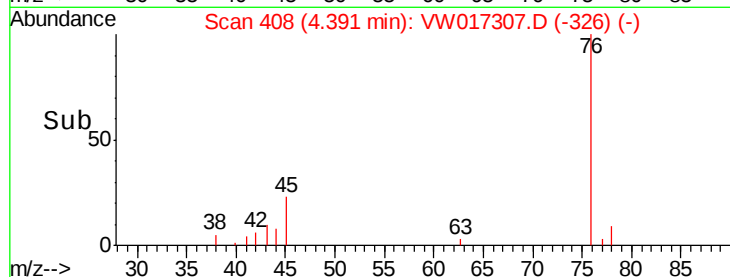
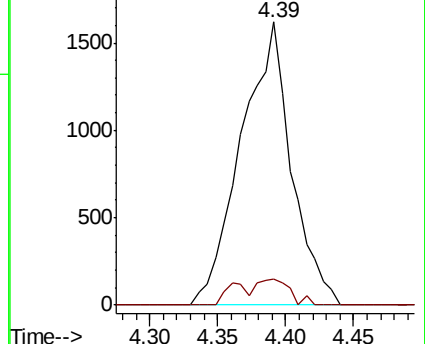
76 100

78 9.3 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: 2.202 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017307.D

Acq: 18 Nov 2020 00:19

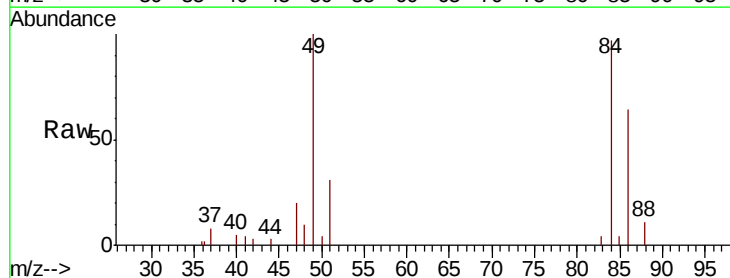
Tgt Ion: 84 Resp: 14400

Ion Ratio Lower Upper

84 100

49 102.7 72.3 134.3

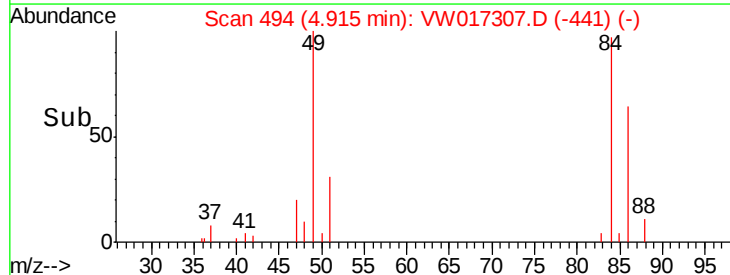
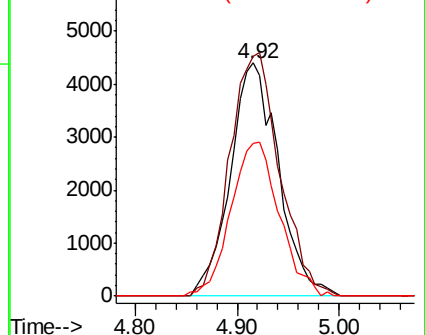
86 65.3 45.1 83.7

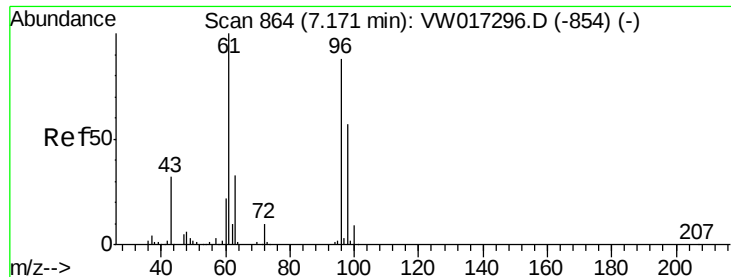


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

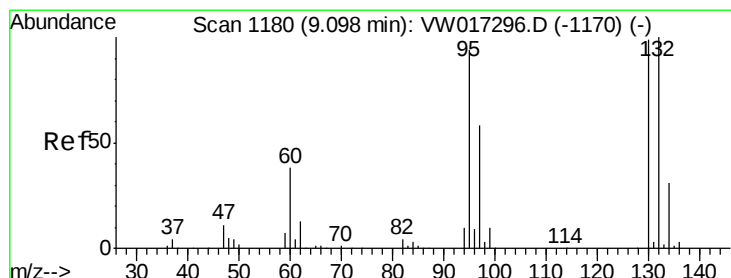
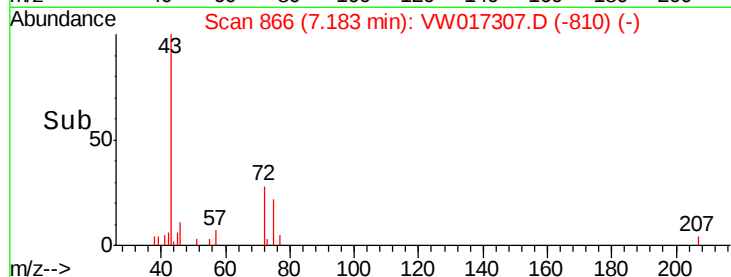
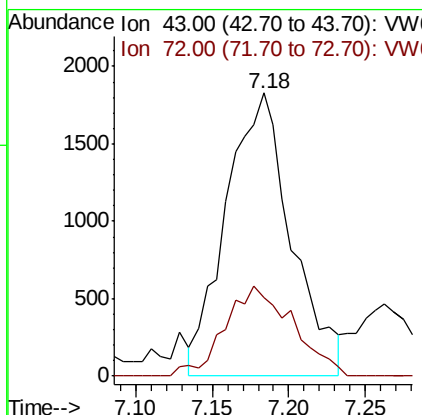
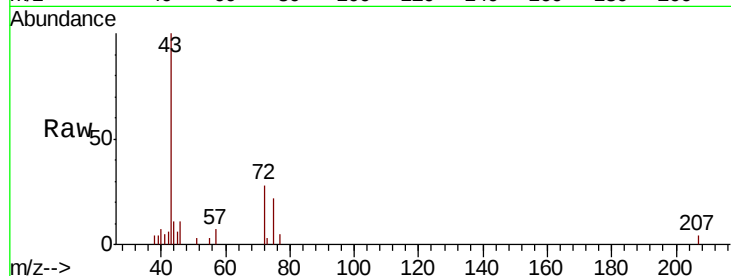




#21
2-Butanone
Concen: 3.697 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW017307.D
Acq: 18 Nov 2020 00:19

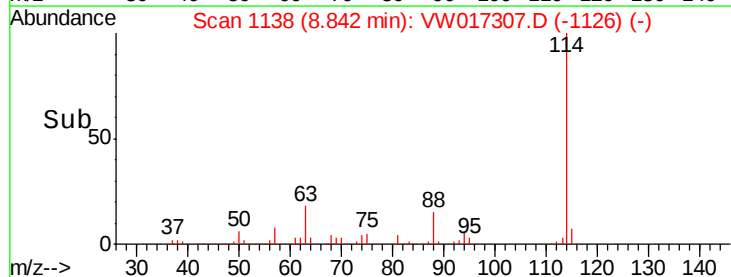
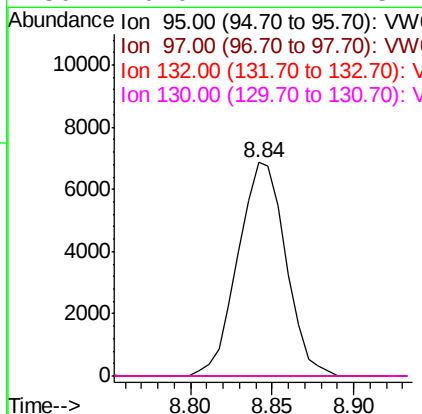
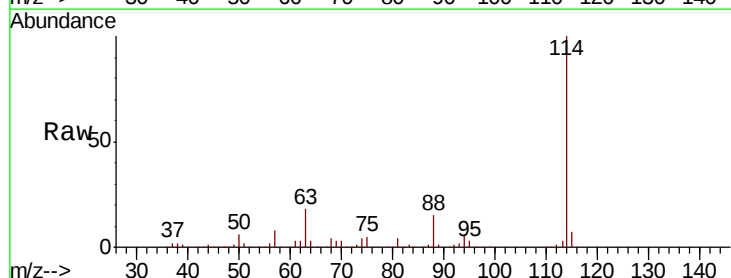
Instrument :
MSVOA_W
ClientSampleId :
GB0Y0

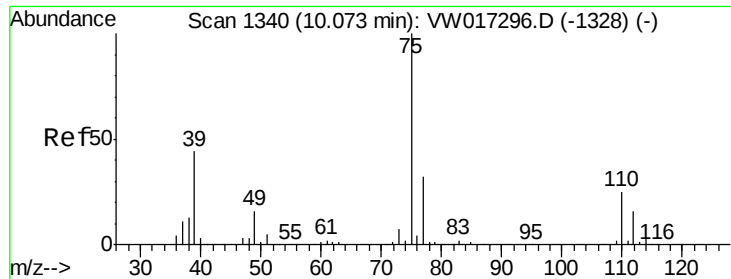
Tot Ion: 43 Resp: 5430
Ion Ratio Lower Upper
43 100
72 20.5 16.1 48.3



#35
Trichloroethene
Concen: 2.358 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.26 min
Lab File: VW017307.D
Acq: 18 Nov 2020 00:19

Tgt Ion: 95 Resp: 14020
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 73.7 136.9#
130 0.0 77.1 143.1#

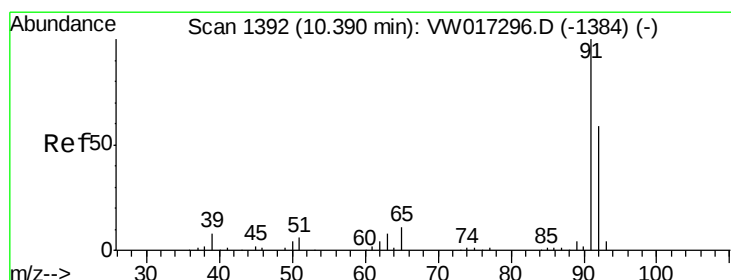
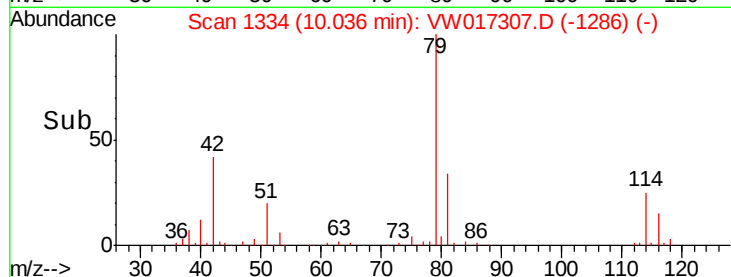
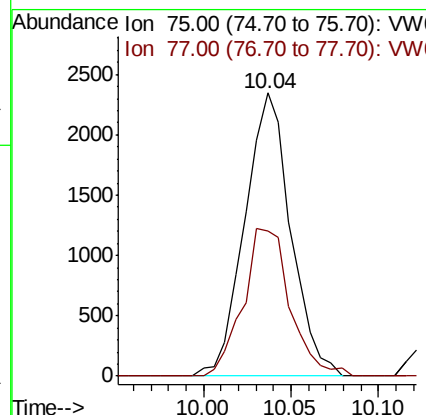
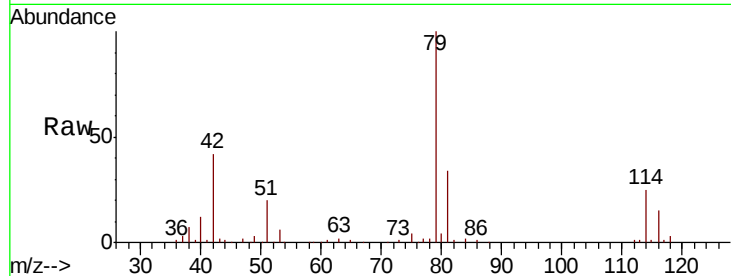




#42
 cis-1,3-Dichloropropene
 Concen: 0.546 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017307.D
 Acq: 18 Nov 2020 00:19

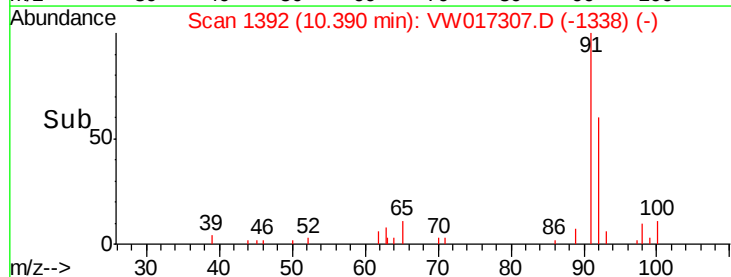
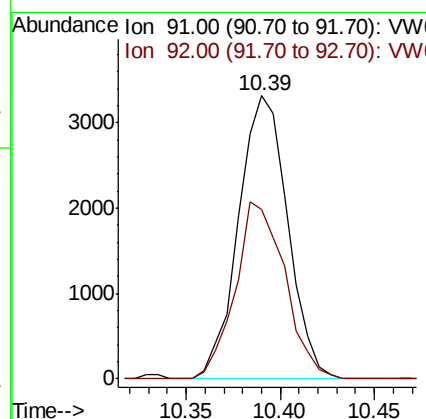
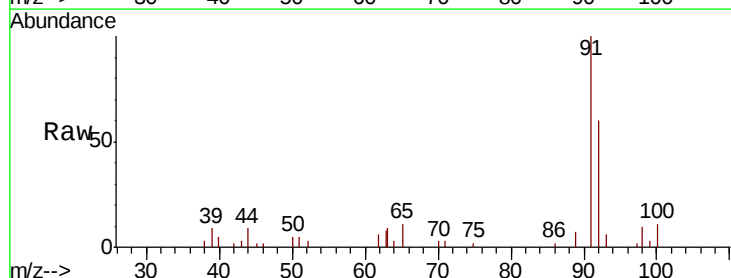
Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y0

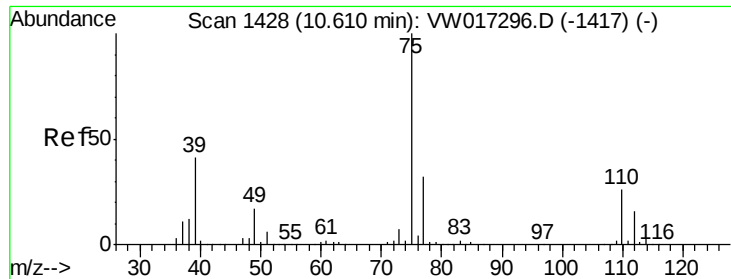
Tot Ion: 75 Resp: 4288
 Ion Ratio Lower Upper
 75 100
 77 51.2 22.0 41.0#



#44
 Toluene
 Concen: 0.257 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW017307.D
 Acq: 18 Nov 2020 00:19

Tgt Ion: 91 Resp: 6002
 Ion Ratio Lower Upper
 91 100
 92 59.8 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.383 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017307.D

Acq: 18 Nov 2020 00:19

Instrument :

MSVOA_W

ClientSampleId :

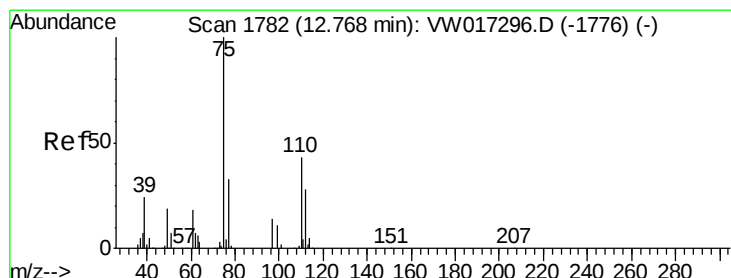
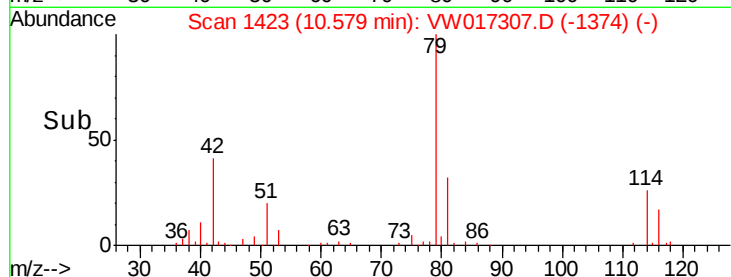
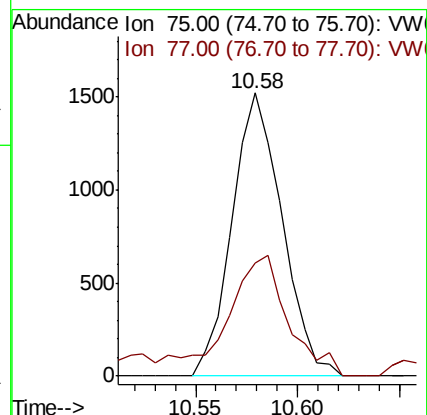
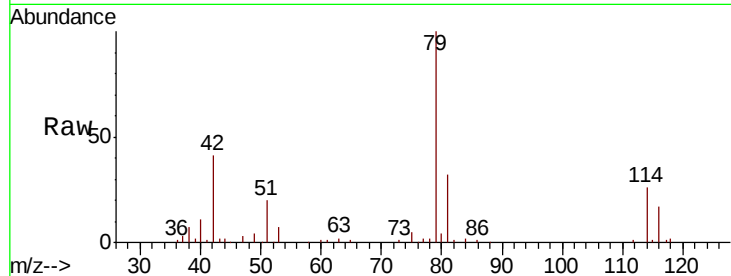
GB0Y0

Tot Ion: 75 Resp: 2587

Ion Ratio Lower Upper

75 100

77 40.0 22.1 41.1



#59

1,2,3-Trichloropropane

Concen: 0.437 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017307.D

Acq: 18 Nov 2020 00:19

Tgt Ion: 75 Resp: 1551

Ion Ratio Lower Upper

75 100

77 8.1 26.4 39.6#

