

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017312.D
 Acq On : 18 Nov 2020 02:16
 Operator : SY/VA
 Sample : L4738-18
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y5

Quant Time: Nov 18 04:53:37 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	397600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333795	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	99788	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89133	17.80	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.20%
7) Chloroethane-d5	2.89	69	80387	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.32%
10) 1,1-Dichloroethene-d2	4.02	63	130136	14.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
20) 2-Butanone-d5	7.08	46	61620	55.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.04%
24) Chloroform-d	7.65	84	227985	24.56	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.24%
26) 1,2-Dichloroethane-d4	8.31	65	128228	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.16%
29) Benzene-d6	8.27	84	429669	25.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.12%
33) 1,2-Dichloropropane-d6	9.27	67	128358	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.20%
37) Toluene-d8	10.33	98	373314	23.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.16%
38) trans-1,3-Dichloropropene-	10.58	79	52834	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.68%
39) 2-Hexanone-d5	10.93	63	53558	65.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120149	29.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	94288	26.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.28%

Target Compounds

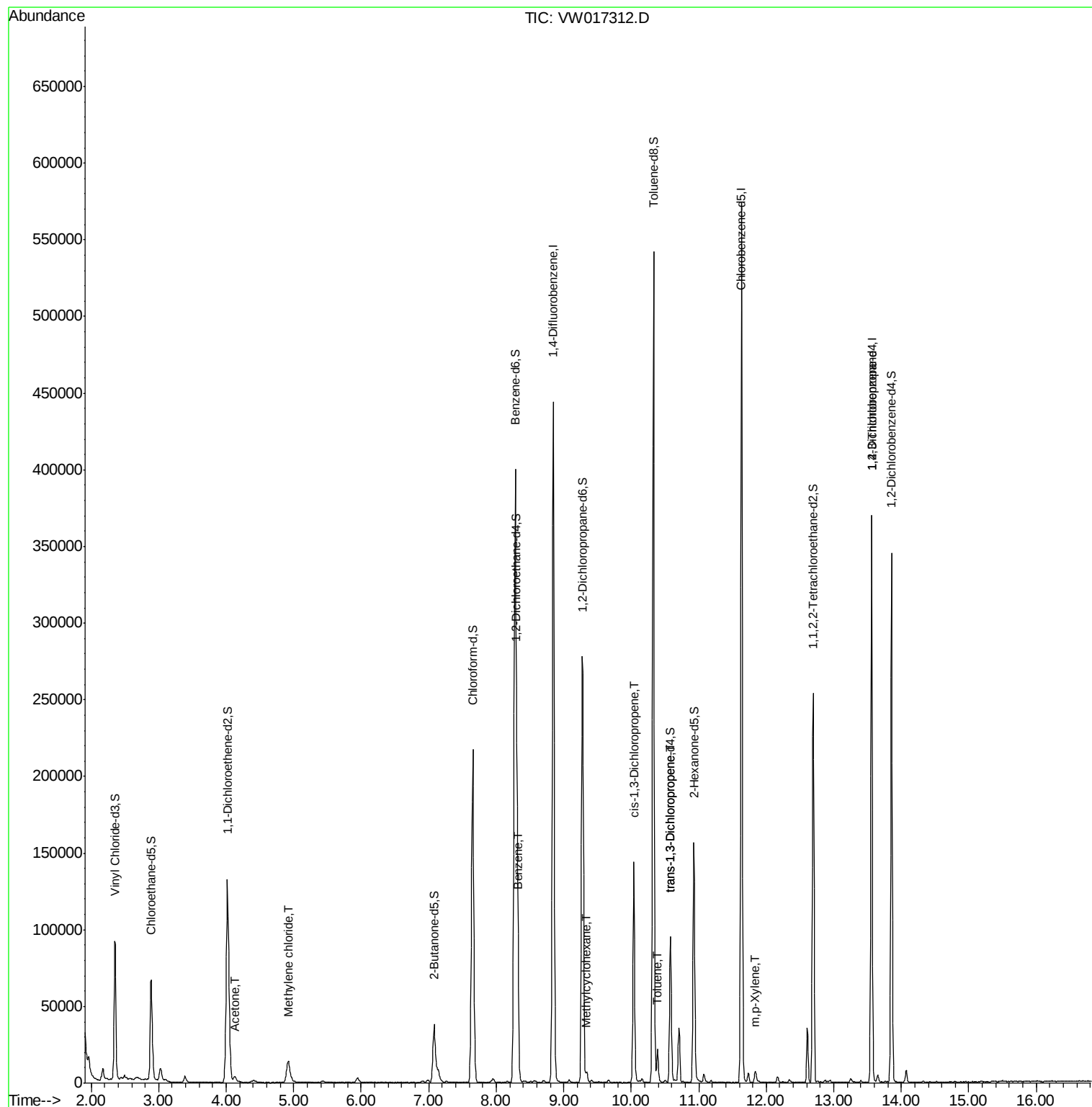
					Ovalue
13) Acetone	4.13	43	6537	8.718 ug/L	100
16) Methylene chloride	4.93	84	12312	2.297 ug/L	90
34) Benzene	8.33	78	7727	0.441 ug/L	100
36) Methylcyclohexane	9.34	83	2225	0.282 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	3973	0.612 ug/L #	71
44) Toluene	10.39	91	14909	0.773 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	2338	0.419 ug/L #	57
54) m,p-Xylene	11.84	106	2369	0.281 ug/L	81
59) 1,2,3-Trichloropropane	13.56	75	11486	3.916 ug/L	97

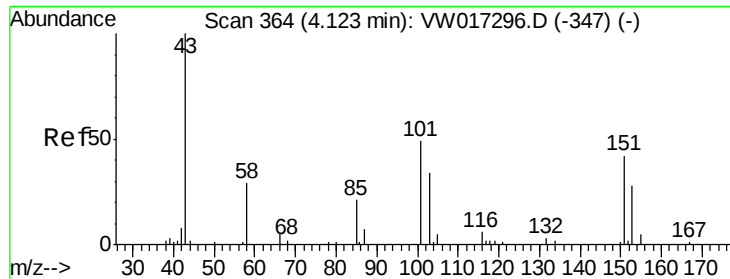
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.718 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017312.D

Acq: 18 Nov 2020 02:16

Instrument :

MSVOA_W

ClientSampled :

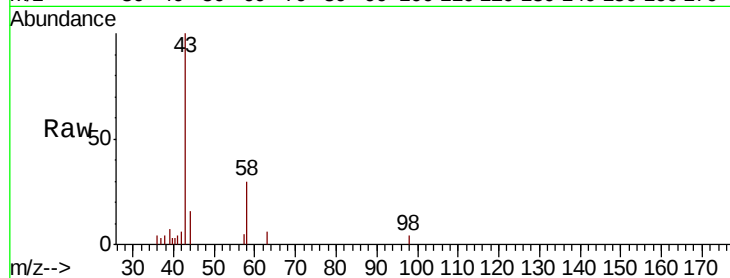
GB0Y5

Tot Ion: 43 Resp: 6537

Ion Ratio Lower Upper

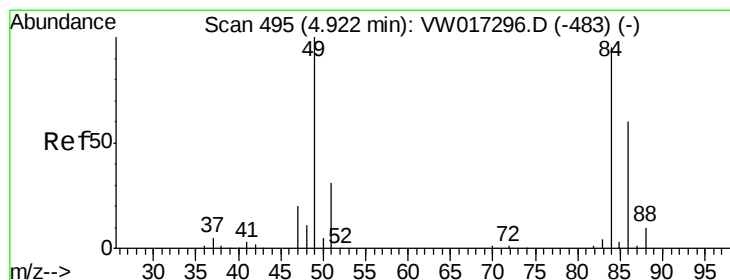
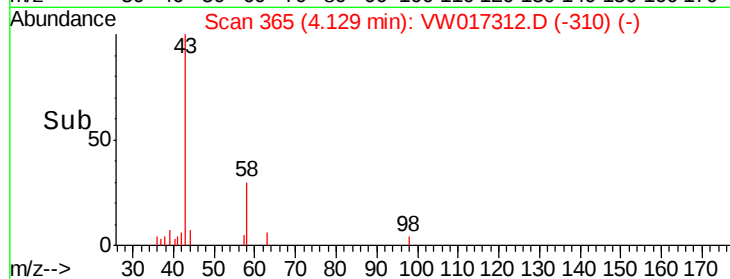
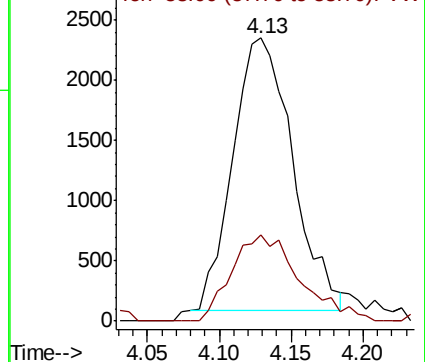
43 100

58 34.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.297 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017312.D

Acq: 18 Nov 2020 02:16

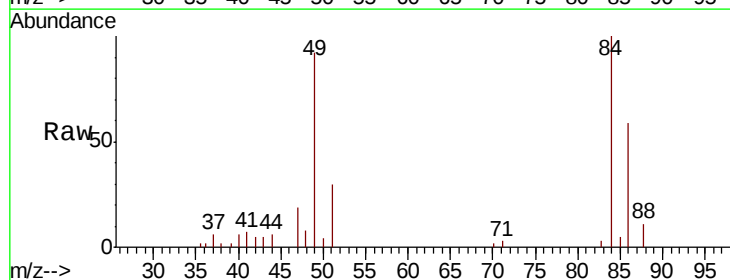
Tgt Ion: 84 Resp: 12312

Ion Ratio Lower Upper

84 100

49 91.8 72.3 134.3

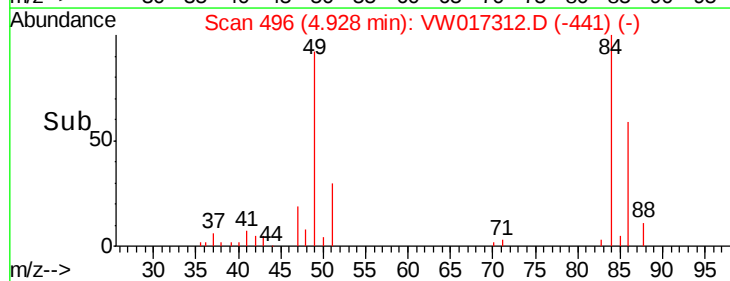
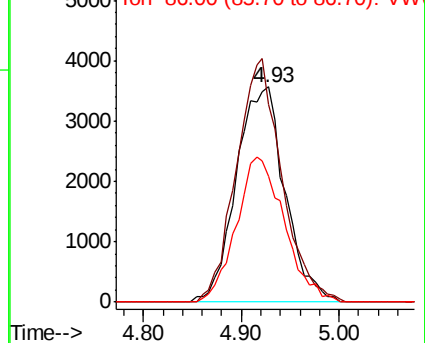
86 58.5 45.1 83.7

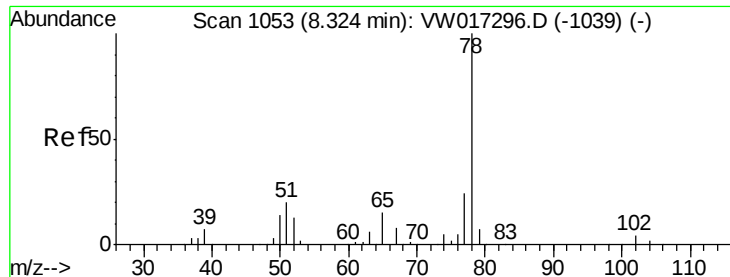


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 0.441 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW017312.D

Acq: 18 Nov 2020 02:16

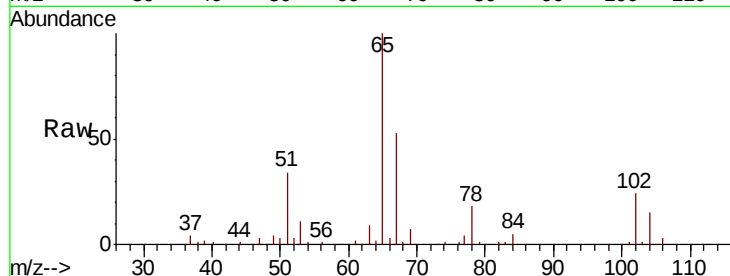
Instrument :

MSVOA_W

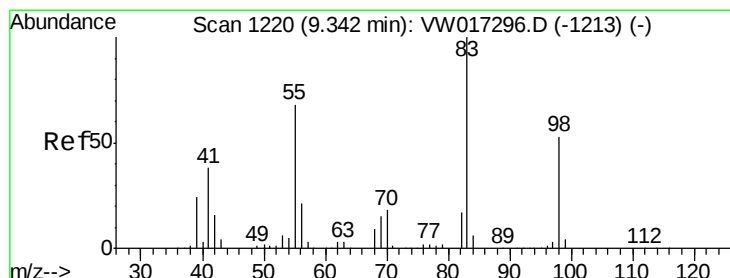
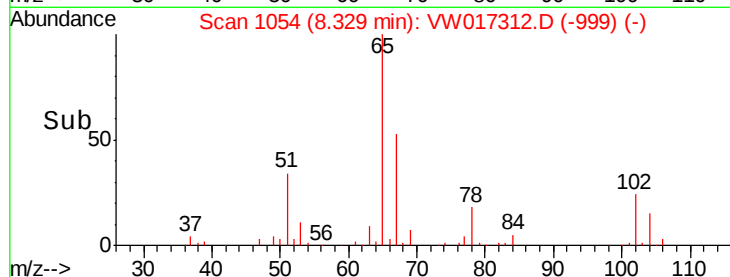
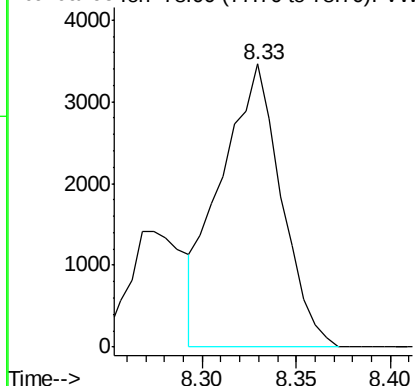
ClientSampled :

GB0Y5

Tgt Ion: 78 Resp: 7727



Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 0.282 ug/L

RT: 9.34 min Scan# 1219

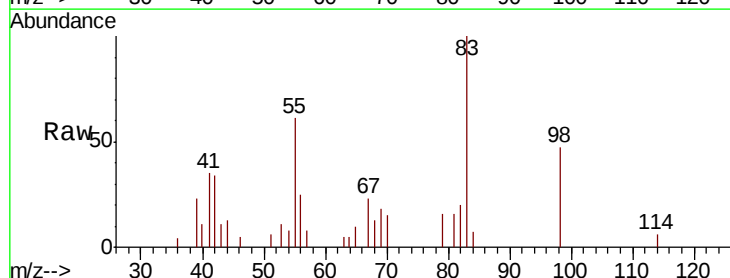
Delta R.T. -0.01 min

Lab File: VW017312.D

Acq: 18 Nov 2020 02:16

Tgt Ion: 83 Resp: 2225

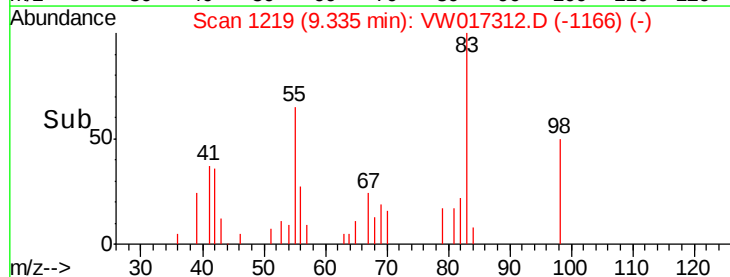
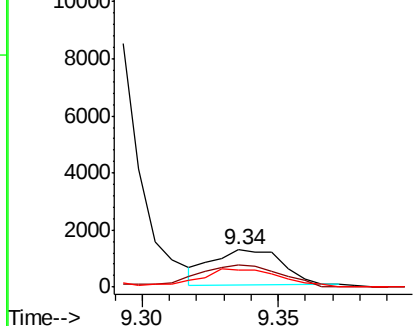
Ion	Ratio	Lower	Upper
83	100		
55	75.7	54.4	81.6
98	58.7	40.5	60.7

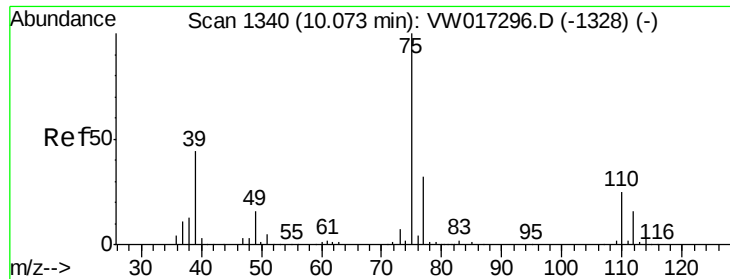


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.612 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017312.D

Acq: 18 Nov 2020 02:16

Instrument :

MSVOA_W

ClientSampled :

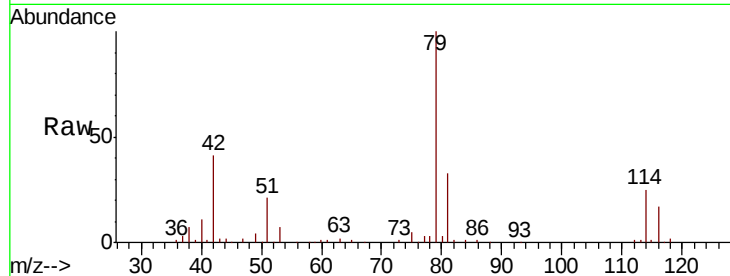
GB0Y5

Tot Ion: 75 Resp: 3973

Ion Ratio Lower Upper

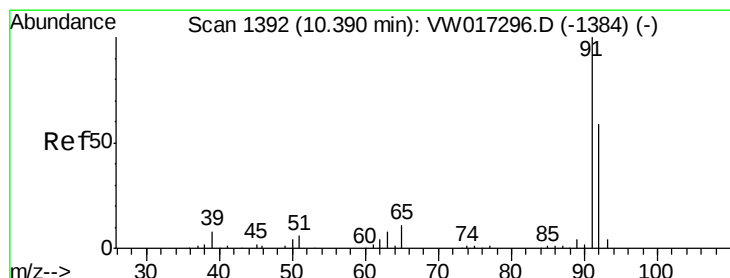
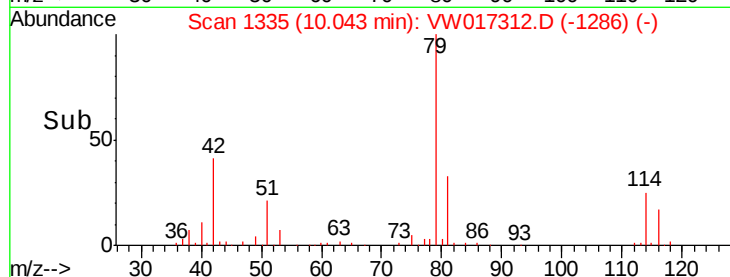
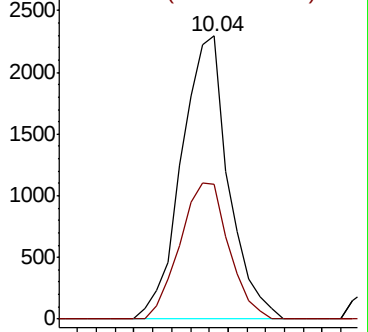
75 100

77 47.6 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 0.773 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017312.D

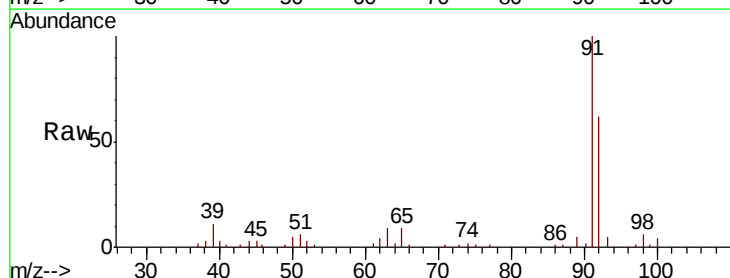
Acq: 18 Nov 2020 02:16

Tgt Ion: 91 Resp: 14909

Ion Ratio Lower Upper

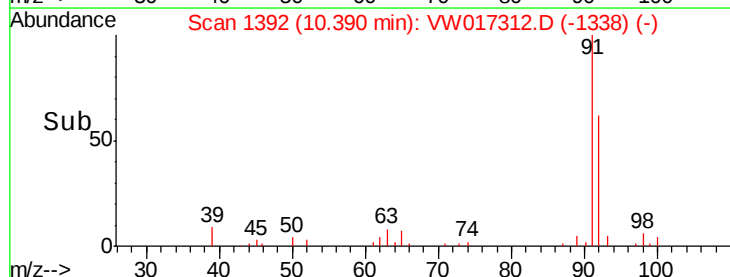
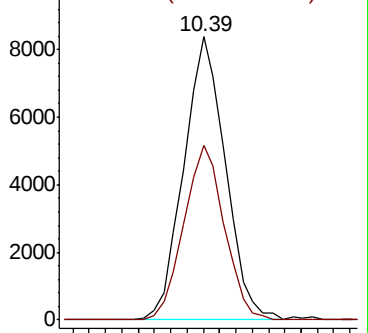
91 100

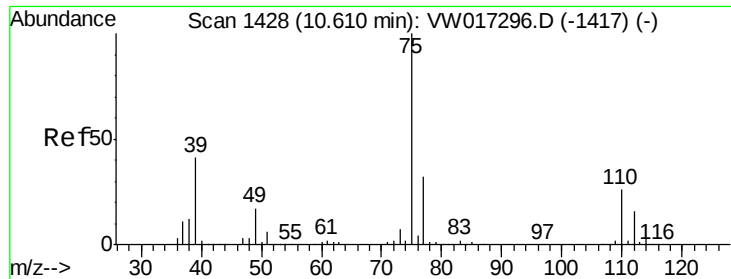
92 61.7 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.419 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017312.D

Acq: 18 Nov 2020 02:16

Instrument :

MSVOA_W

ClientSampleId :

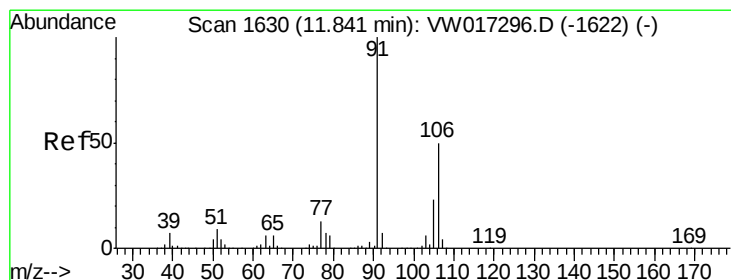
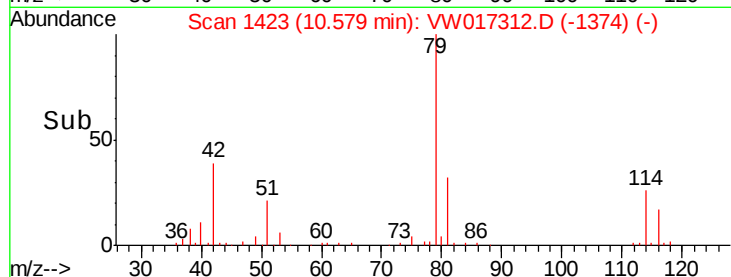
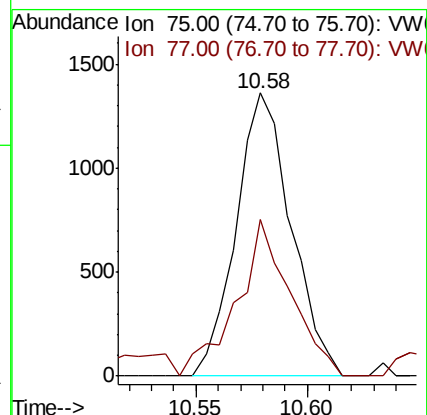
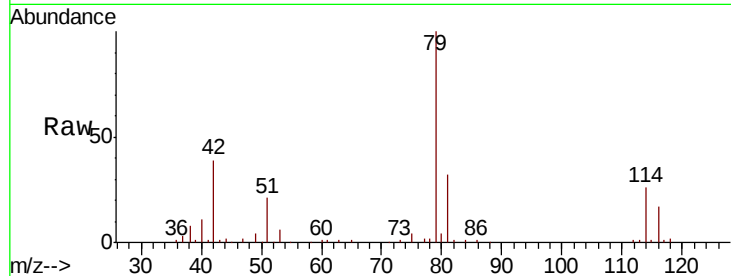
GB0Y5

Tot Ion: 75 Resp: 2338

Ion Ratio Lower Upper

75 100

77 55.2 22.1 41.1#



#54

m,p-Xylene

Concen: 0.281 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW017312.D

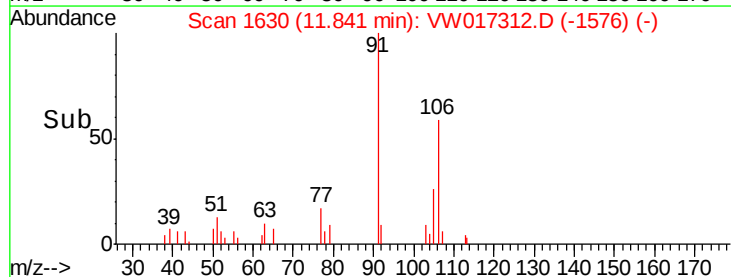
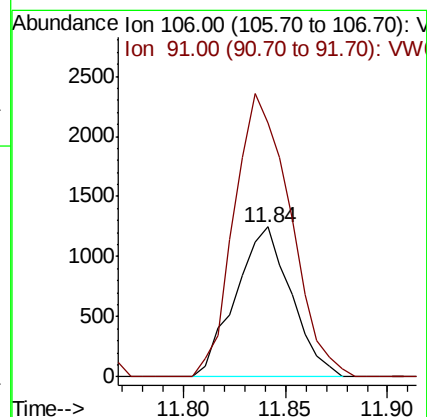
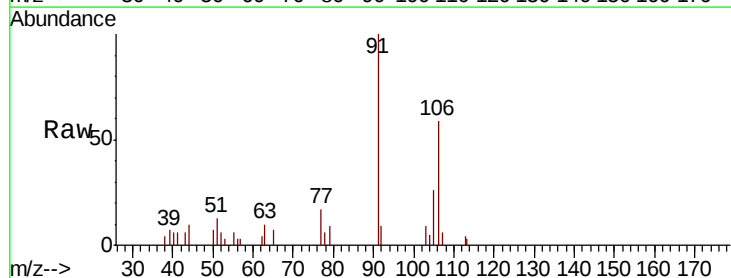
Acq: 18 Nov 2020 02:16

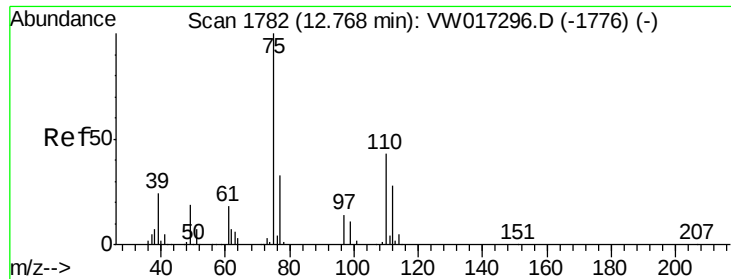
Tgt Ion: 106 Resp: 2369

Ion Ratio Lower Upper

106 100

91 169.3 138.7 257.5





#59

1,2,3-Trichloropropane

Concen: 3.916 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017312.D

Acq: 18 Nov 2020 02:16

Instrument :

MSVOA_W

ClientSampleId :

GB0Y5

Tot Ion: 75 Resp: 11486

Ion Ratio Lower Upper

75 100

77 34.7 26.4 39.6

