

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016082.D
 Acq On : 07 Aug 2020 20:10
 Operator : SY/VA
 Sample : L3598-05
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:11:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305489	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	279414	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	119120	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	52052	12.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.32%
7) Chloroethane-d5	2.89	69	46682	13.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.32%
10) 1,1-Dichloroethene-d2	4.01	63	88247	10.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	40.52%#
20) 2-Butanone-d5	7.08	46	47223	41.70	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.40%
24) Chloroform-d	7.65	84	146214	17.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.16%
26) 1,2-Dichloroethane-d4	8.31	65	83037	17.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.52%
29) Benzene-d6	8.27	84	288098	16.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.76%
33) 1,2-Dichloropropane-d6	9.27	67	90340	17.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.88%
37) Toluene-d8	10.33	98	254814	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.16%
38) trans-1,3-Dichloropropene-	10.58	79	36896	16.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.92%
39) 2-Hexanone-d5	10.93	63	39226	46.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	86264	22.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	94735	20.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.60%

Target Compounds

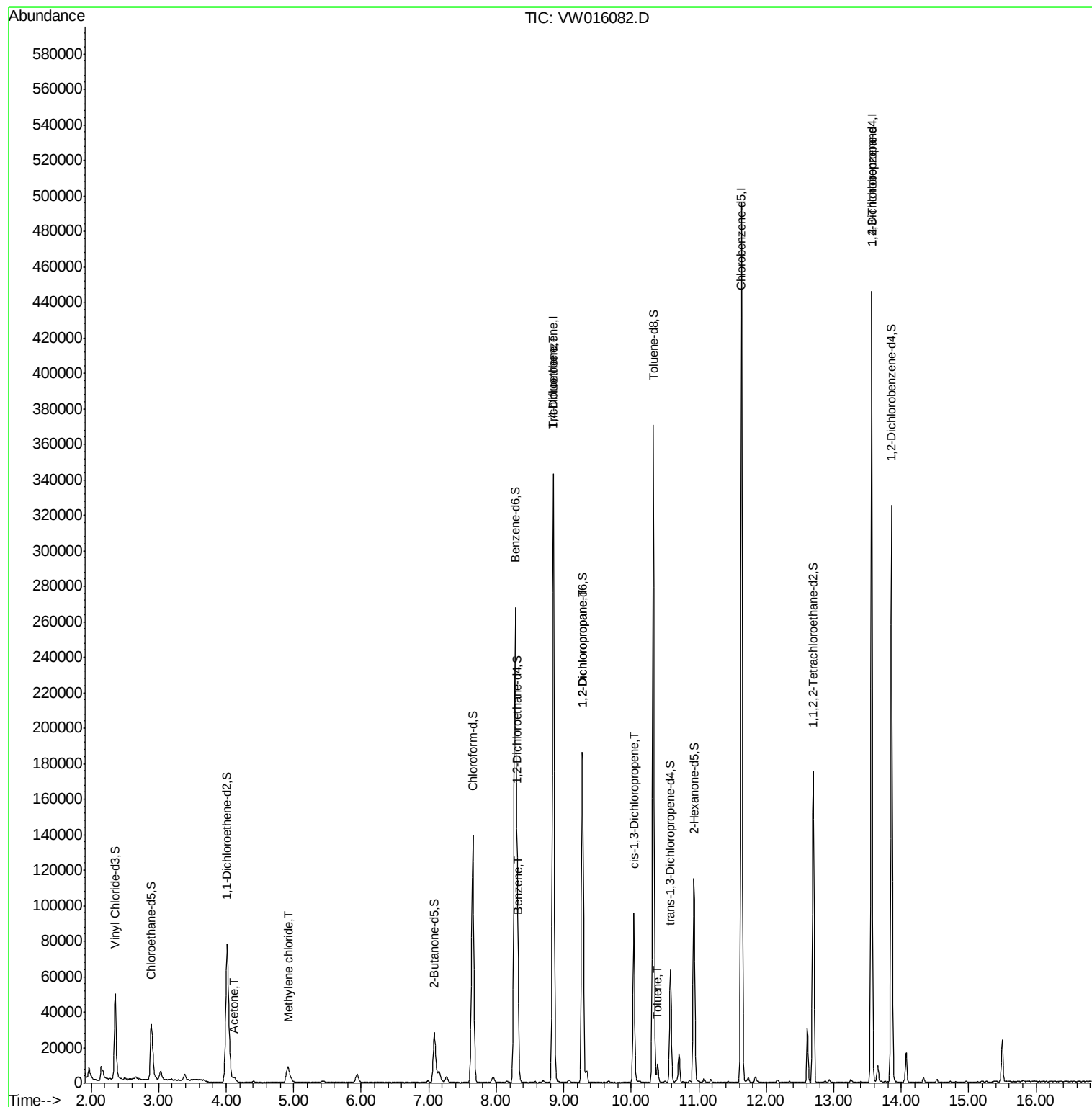
					Ovalue
13) Acetone	4.12	43	4049	4.258 ug/L	97
16) Methylene chloride	4.92	84	8111	1.620 ug/L	87
34) Benzene	8.33	78	8498	0.501 ug/L	100
35) Trichloroethene	8.85	95	8585	1.912 ug/L #	6
40) 1,2-Dichloropropane	9.27	63	9655	2.297 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2254	0.352 ug/L #	52
44) Toluene	10.39	91	7474	0.420 ug/L	93
59) 1,2,3-Trichloropropane	13.56	75	12705	4.777 ug/L	91

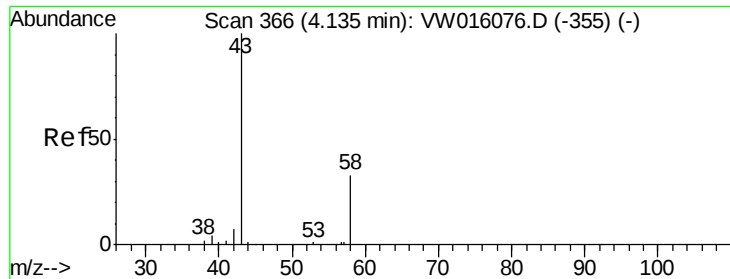
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.258 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW016082.D

Acq: 07 Aug 2020 20:10

Instrument :

MSVOA_W

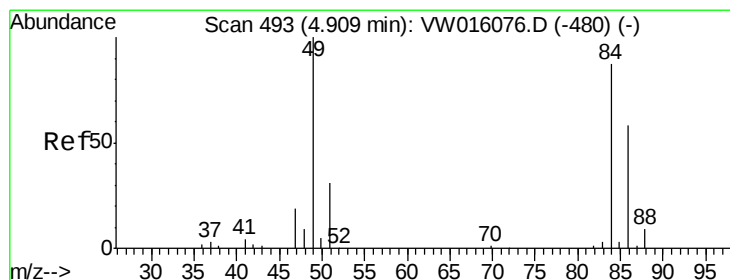
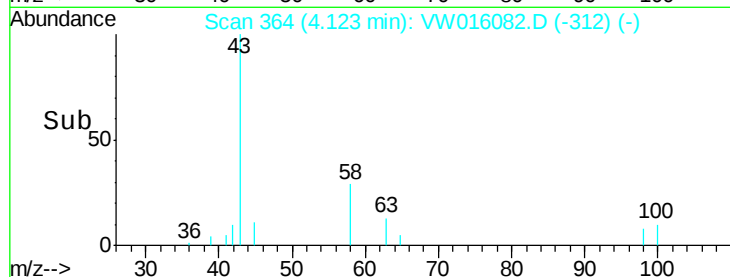
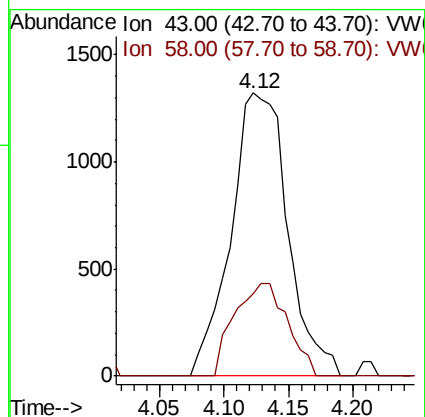
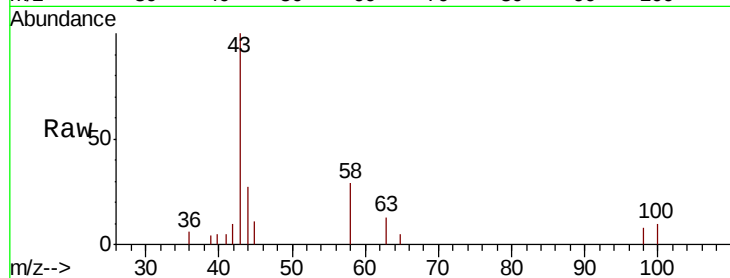
ClientSampled :

Tot Ion: 43 Resp: 4049

Ion Ratio Lower Upper

43 100

58 30.6 0.0 58.2



#16

Methylene chloride

Concen: 1.620 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016082.D

Acq: 07 Aug 2020 20:10

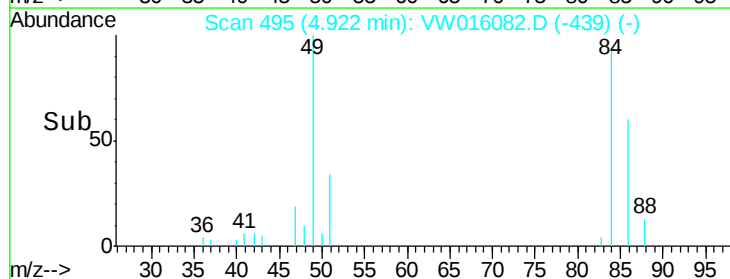
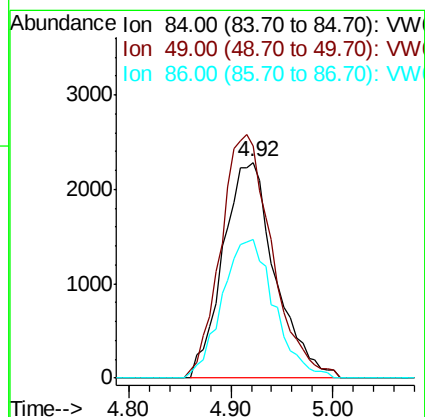
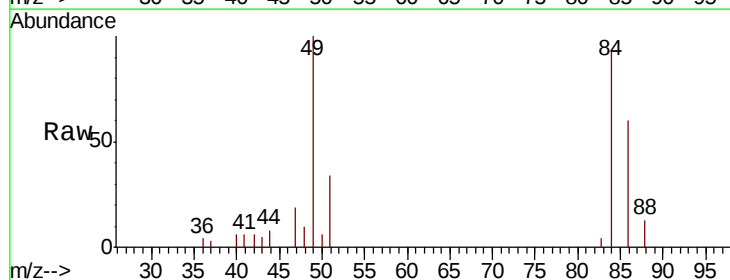
Tgt Ion: 84 Resp: 8111

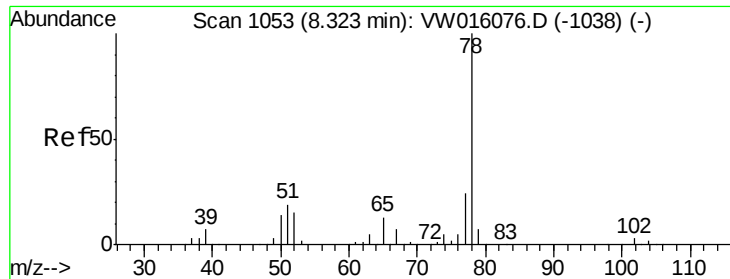
Ion Ratio Lower Upper

84 100

49 107.9 91.1 169.1

86 64.2 46.0 85.4





#34

Benzene

Concen: 0.501 ug/L

RT: 8.33 min Scan# 1054

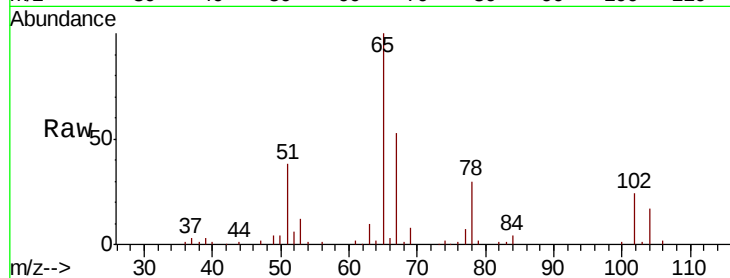
Delta R.T. 0.01 min

Lab File: VW016082.D

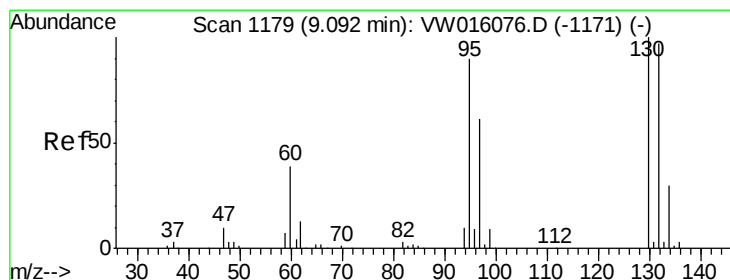
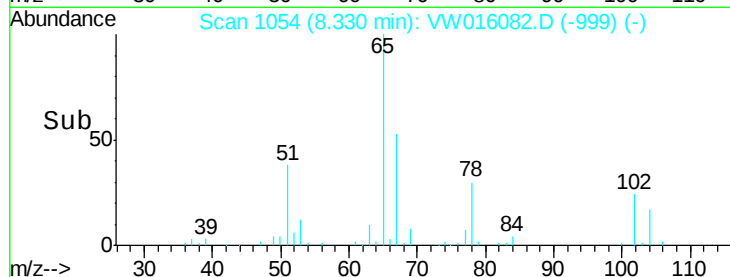
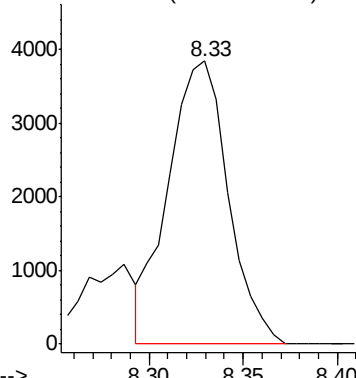
Acq: 07 Aug 2020 20:10

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 8498



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.912 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016082.D

Acq: 07 Aug 2020 20:10

Tgt Ion: 95 Resp: 8585

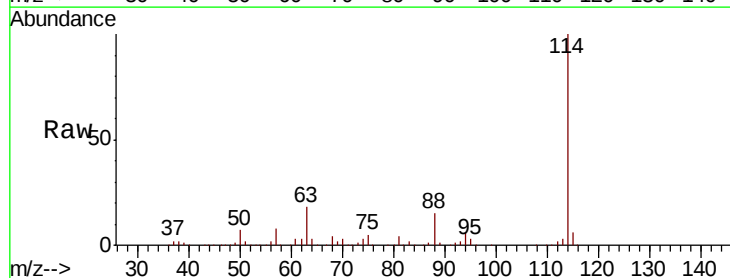
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 65.1 120.9#

130 0.0 68.6 127.4#

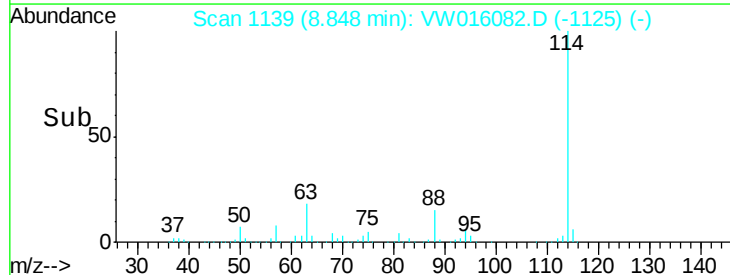
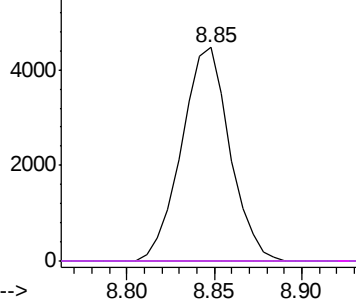


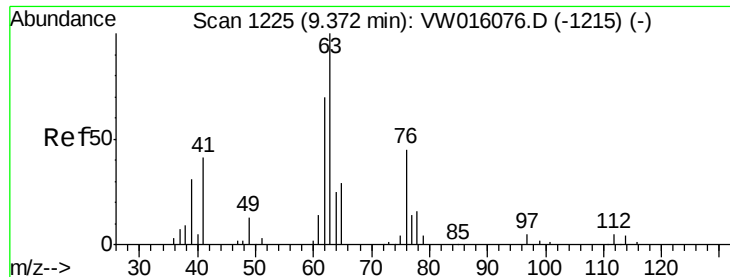
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

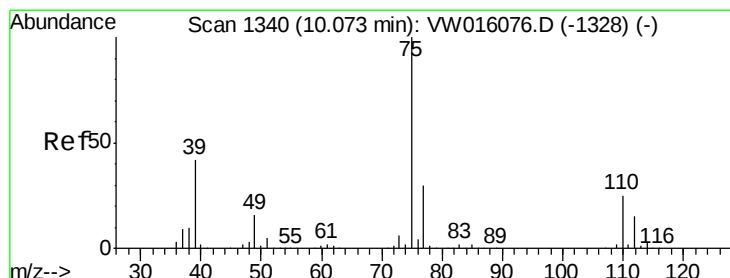
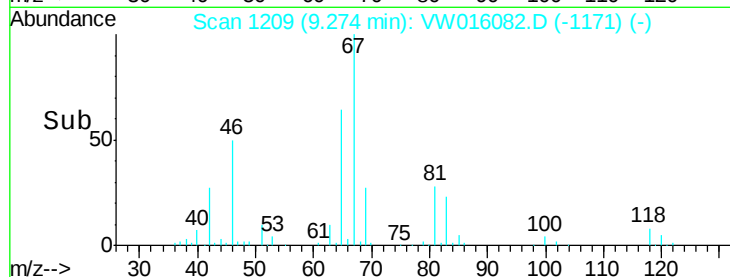
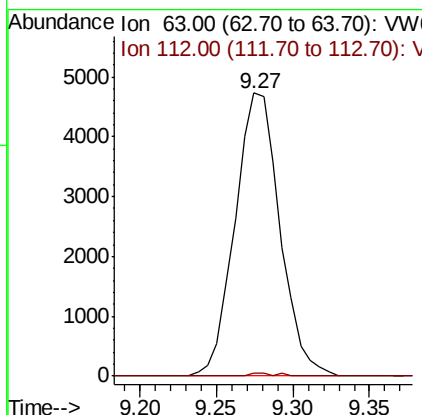
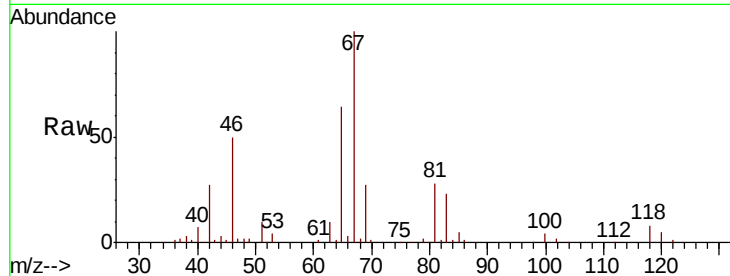




#40
 1,2-Dichloropropane
 Concen: 2.297 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016082.D
 Acq: 07 Aug 2020 20:10

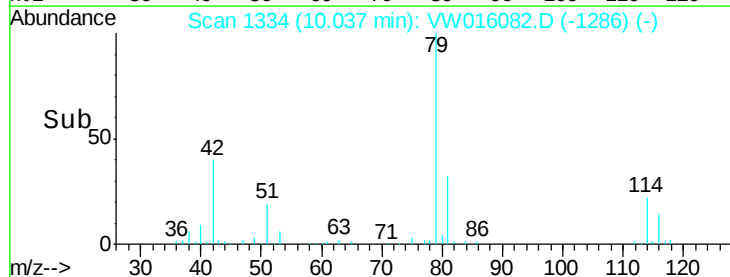
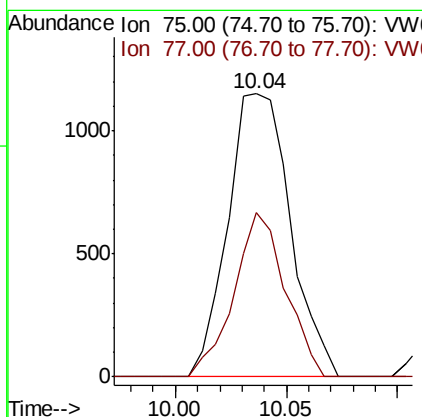
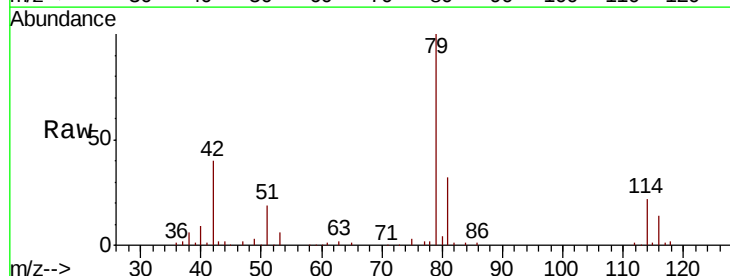
Instrument :
 MSVOA_W
 ClientSampled :

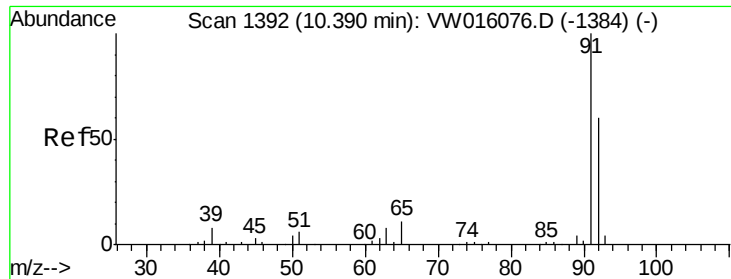
Tot Ion: 63 Resp: 9655
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.7 5.5#



#42
 cis-1,3-Dichloropropene
 Concen: 0.352 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016082.D
 Acq: 07 Aug 2020 20:10

Tgt Ion: 75 Resp: 2254
 Ion Ratio Lower Upper
 75 100
 77 58.3 22.2 41.2#





#44

Toluene

Concen: 0.420 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016082.D

Acq: 07 Aug 2020 20:10

Instrument :

MSVOA_W

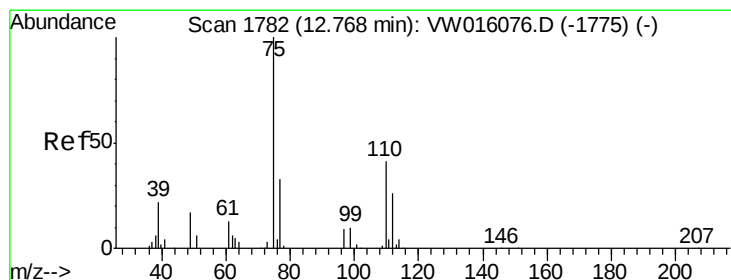
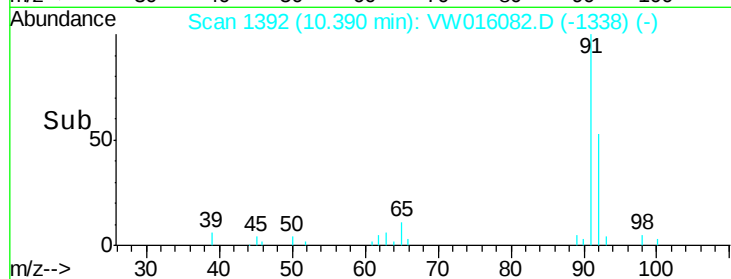
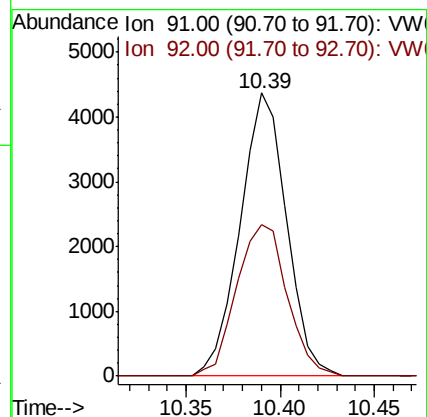
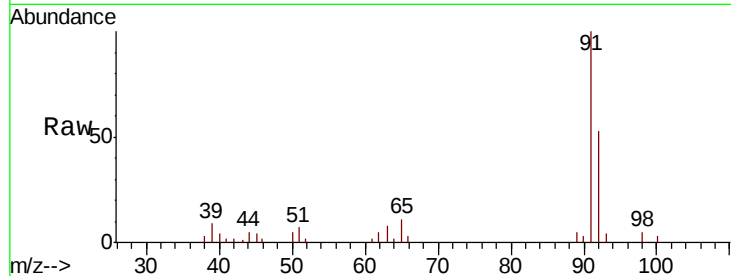
ClientSampleId :

Tot Ion: 91 Resp: 7474

Ion Ratio Lower Upper

91 100

92 53.4 41.2 76.4



#59

1,2,3-Trichloropropane

Concen: 4.777 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016082.D

Acq: 07 Aug 2020 20:10

Tgt Ion: 75 Resp: 12705

Ion Ratio Lower Upper

75 100

77 37.6 26.0 39.0

