

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015489.D
 Acq On : 26 May 2020 22:20
 Operator : SY/VA
 Sample : L2755-01
 Misc : 6.42G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:09:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	294406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	271932	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	116420	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	81455	30.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.76%
7) Chloroethane-d5	2.89	69	76486	28.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.04%
10) 1,1-Dichloroethene-d2	4.02	63	123437	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.12%
20) 2-Butanone-d5	7.08	46	62598	71.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.14%#
24) Chloroform-d	7.65	84	179107	26.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.24%
26) 1,2-Dichloroethane-d4	8.31	65	114887	30.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	121.32%
29) Benzene-d6	8.27	84	357349	26.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.20%
33) 1,2-Dichloropropane-d6	9.27	67	112066	27.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.60%
37) Toluene-d8	10.32	98	335431	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.58	79	50195	26.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.08%
39) 2-Hexanone-d5	10.93	63	53877	76.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.58%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97326	31.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.56%#
61) 1,2-Dichlorobenzene-d4	13.85	152	109889	28.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.68%

Target Compounds

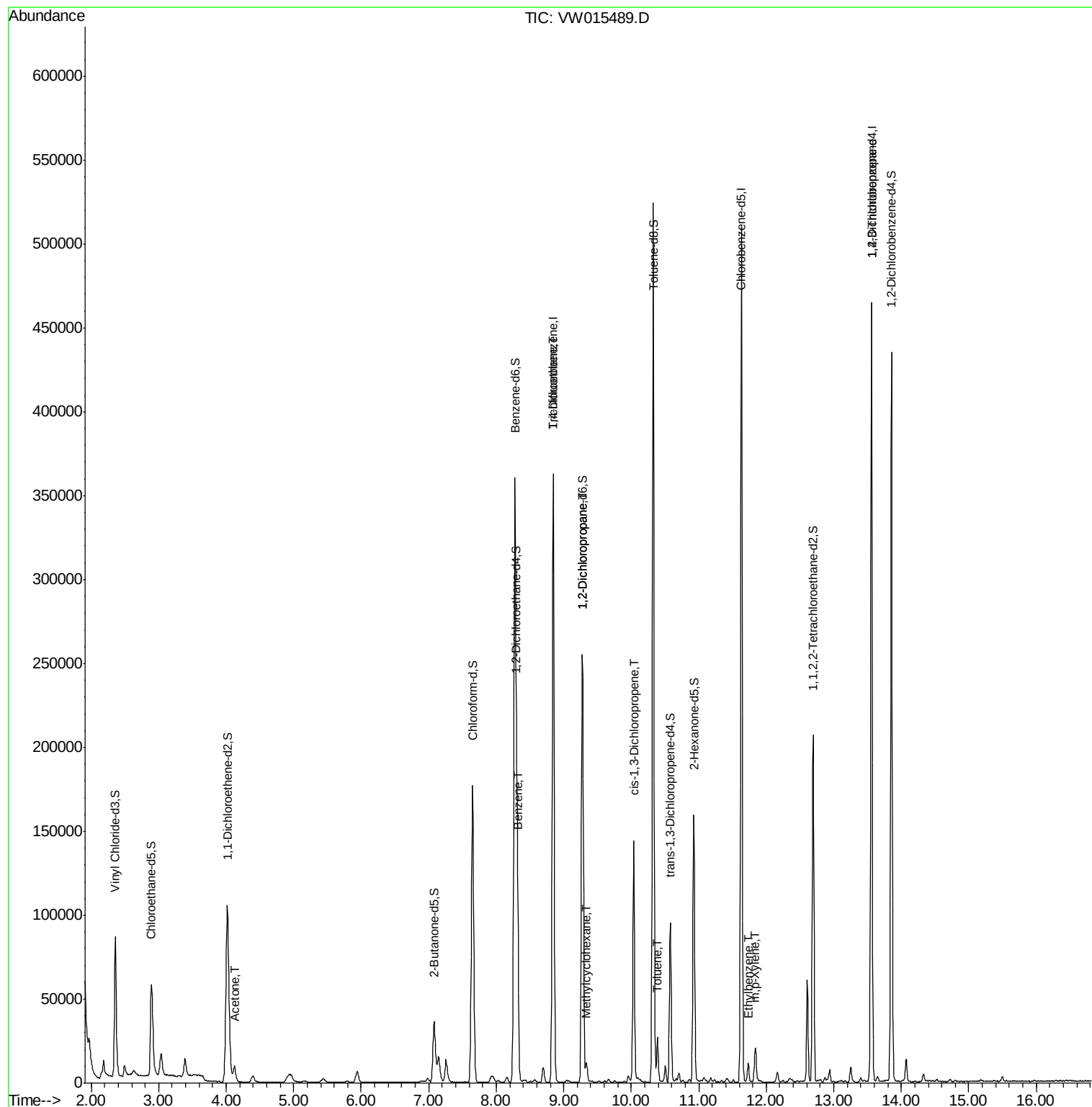
					Ovalue
13) Acetone	4.12	43	14260	20.941 ug/L	99
34) Benzene	8.32	78	8358	0.550 ug/L	100
35) Trichloroethene	8.84	95	9391	2.299 ug/L #	5
36) Methylcyclohexane	9.34	83	3533	0.485 ug/L	89
40) 1,2-Dichloropropane	9.27	63	13774	3.678 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3716	0.620 ug/L #	73
44) Toluene	10.39	91	19049	1.150 ug/L	96
53) Ethylbenzene	11.73	91	7668	0.403 ug/L	94
54) m,p-Xylene	11.84	106	4715	0.660 ug/L	99
59) 1,2,3-Trichloropropane	13.55	75	15559	6.765 ug/L	89

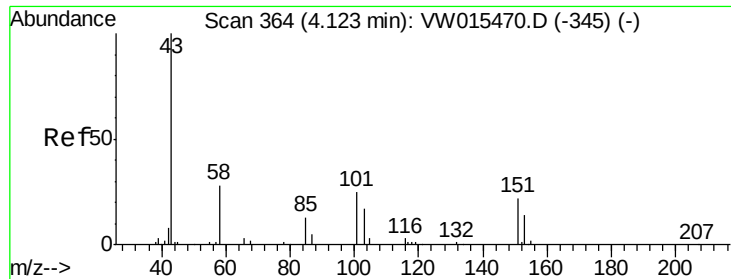
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 20.941 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

Instrument :

MSVOA_W

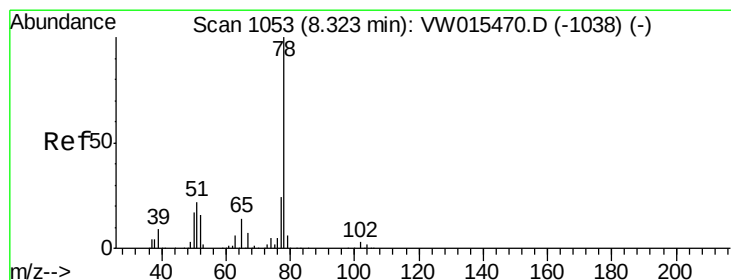
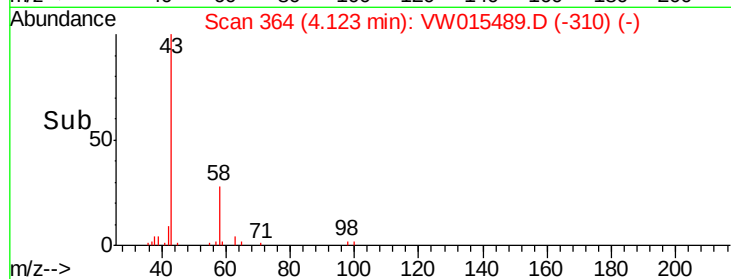
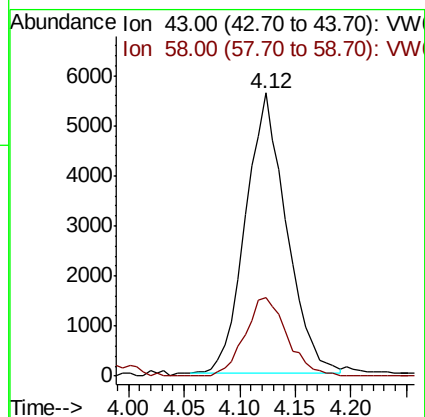
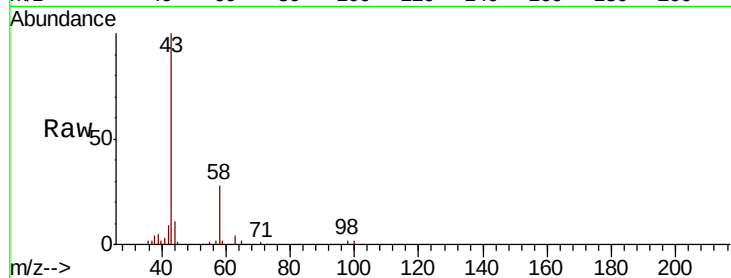
ClientSampled :

Tot Ion: 43 Resp: 14260

Ion Ratio Lower Upper

43 100

58 29.0 0.0 56.8



#34

Benzene

Concen: 0.550 ug/L

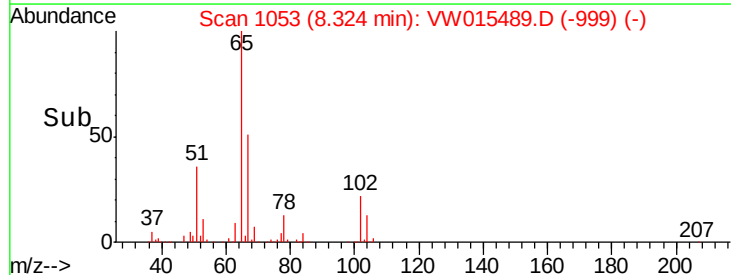
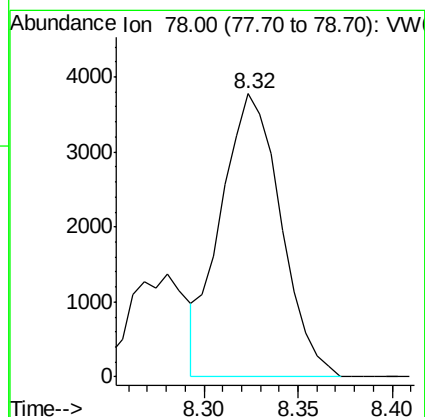
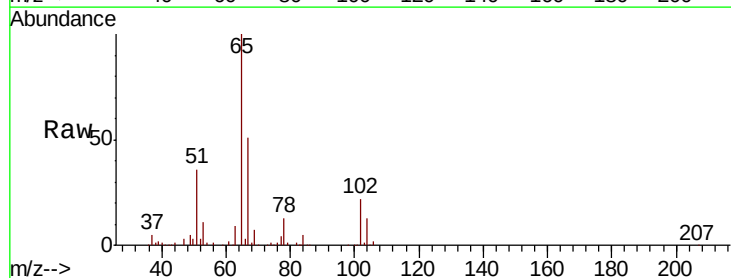
RT: 8.32 min Scan# 1053

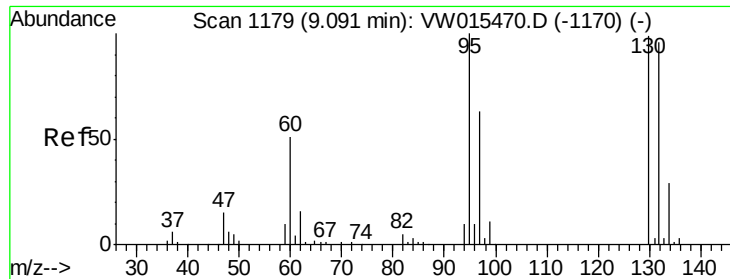
Delta R.T. 0.00 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

Tgt Ion: 78 Resp: 8358





#35

Trichloroethene

Concen: 2.299 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 9391

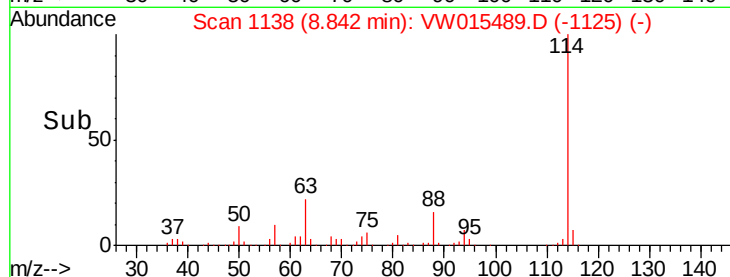
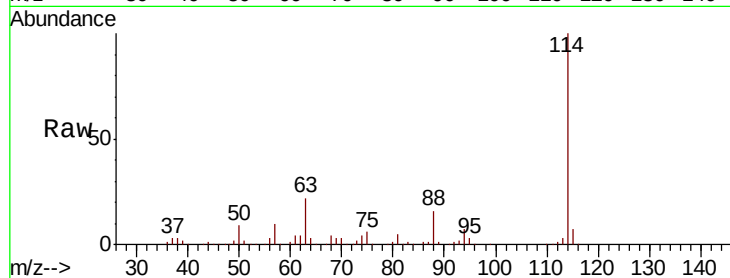
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

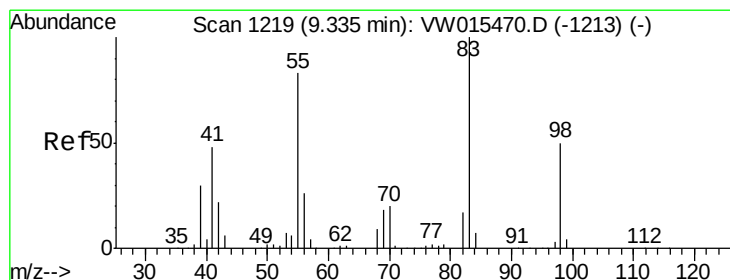
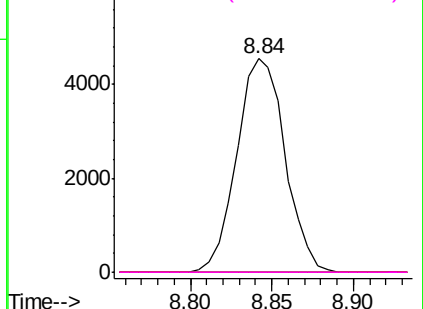


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#36

Methylcyclohexane

Concen: 0.485 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

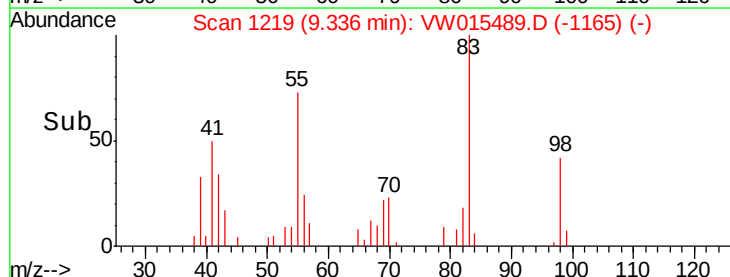
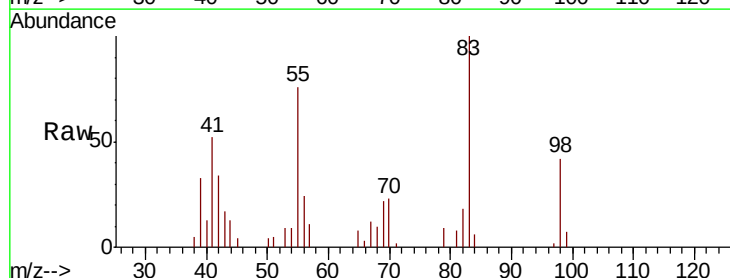
Tgt Ion: 83 Resp: 3533

Ion Ratio Lower Upper

83 100

55 93.8 62.8 94.2

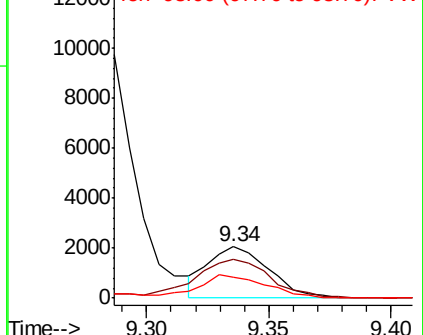
98 49.4 39.2 58.8

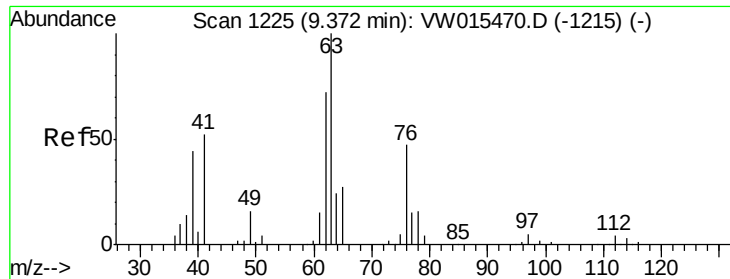


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.678 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

Instrument :

MSVOA_W

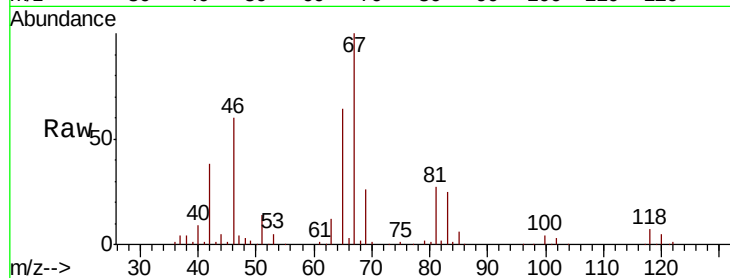
ClientSampleId :

Tot Ion: 63 Resp: 13774

Ion Ratio Lower Upper

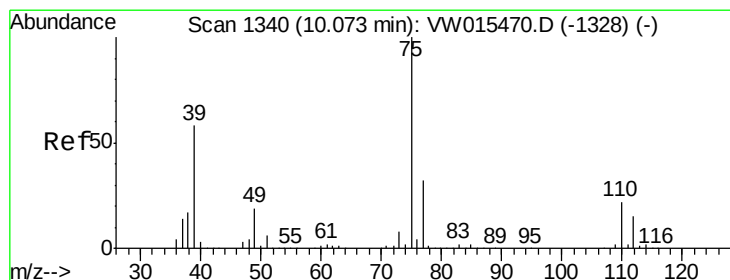
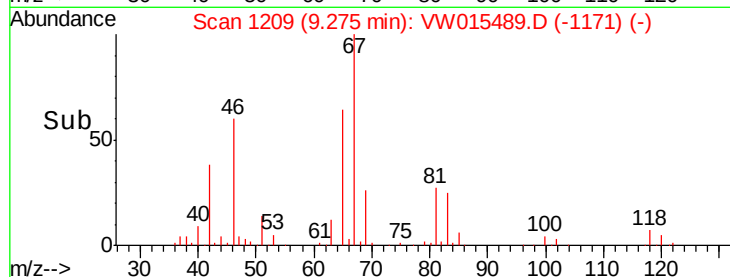
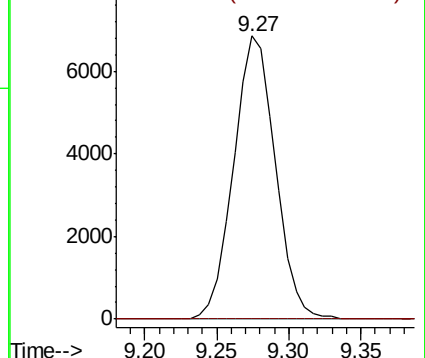
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015489.D

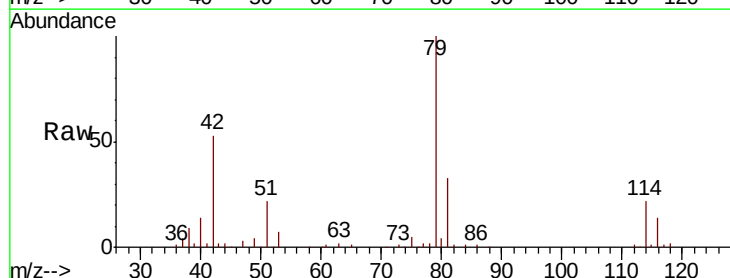
Acq: 26 May 2020 22:20

Tgt Ion: 75 Resp: 3716

Ion Ratio Lower Upper

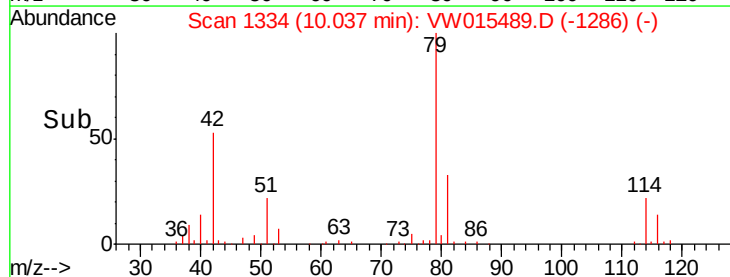
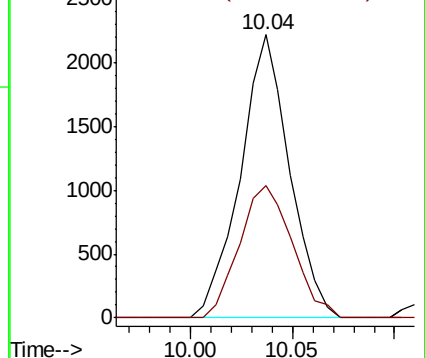
75 100

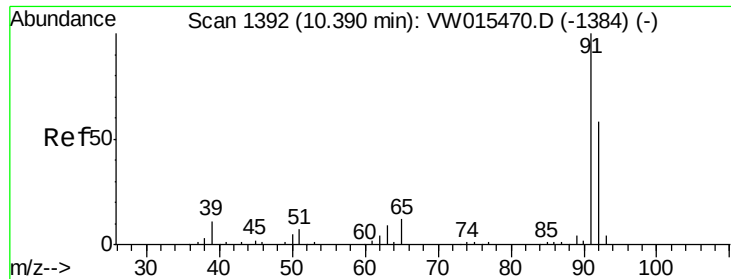
77 46.9 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 1.150 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

Instrument :

MSVOA_W

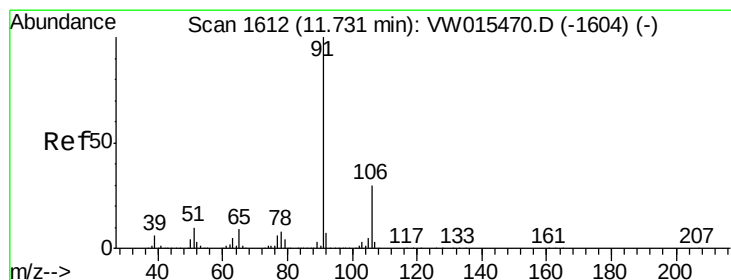
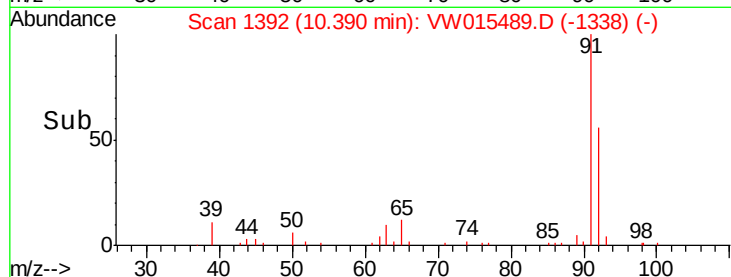
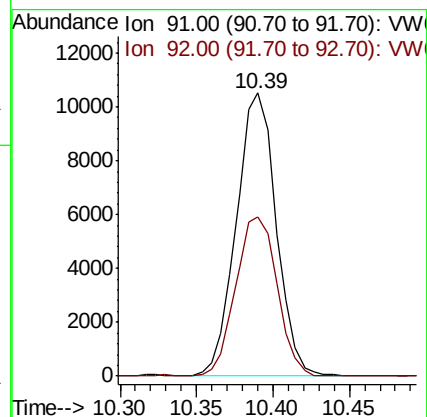
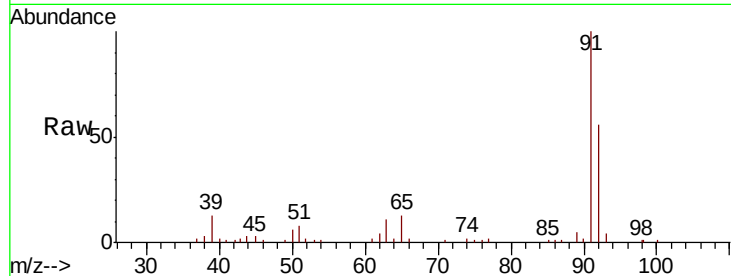
ClientSampleId :

Tot Ion: 91 Resp: 19049

Ion Ratio Lower Upper

91 100

92 56.3 41.7 77.5



#53

Ethylbenzene

Concen: 0.403 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW015489.D

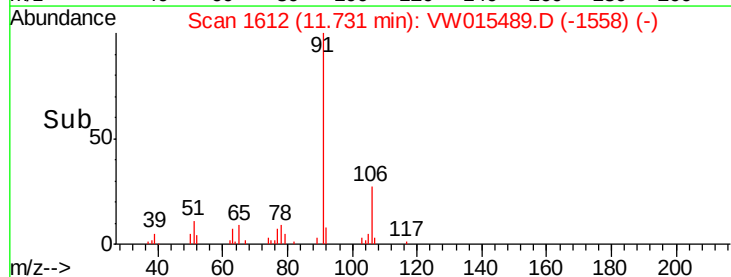
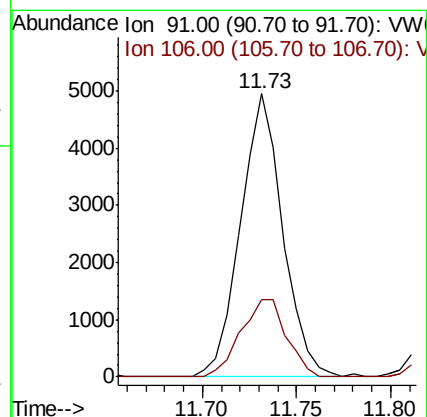
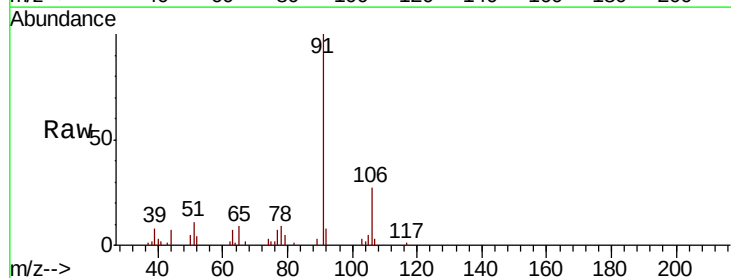
Acq: 26 May 2020 22:20

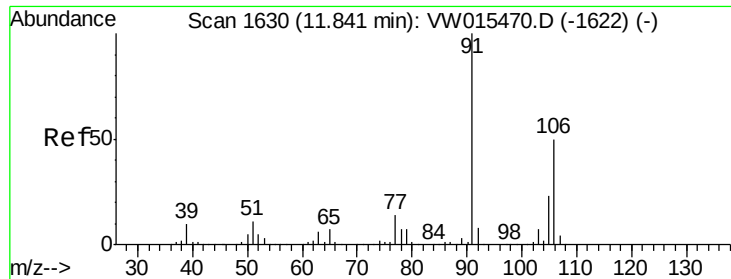
Tgt Ion: 91 Resp: 7668

Ion Ratio Lower Upper

91 100

106 27.1 21.3 39.6





#54

m,p-Xylene

Concen: 0.660 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW015489.D

Acq: 26 May 2020 22:20

Instrument :

MSVOA_W

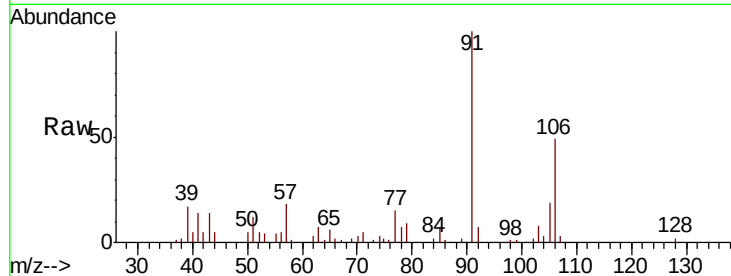
ClientSampleId :

Tot Ion:106 Resp: 4715

Ion Ratio Lower Upper

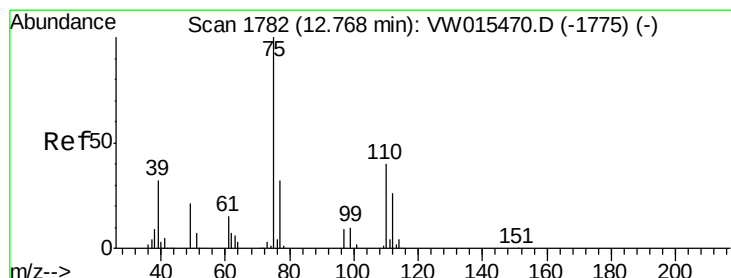
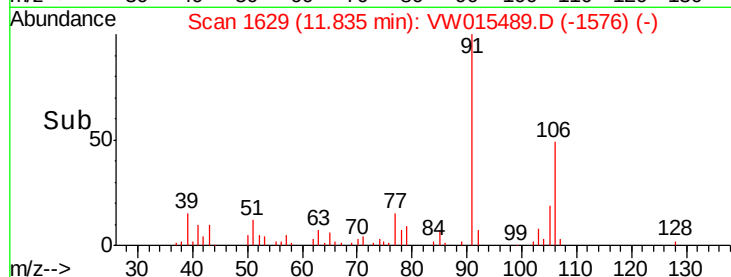
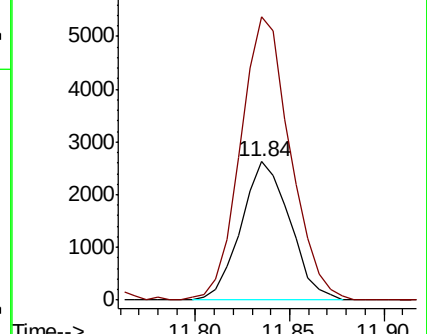
106 100

91 204.9 142.6 264.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#59

1,2,3-Trichloropropane

Concen: 6.765 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015489.D

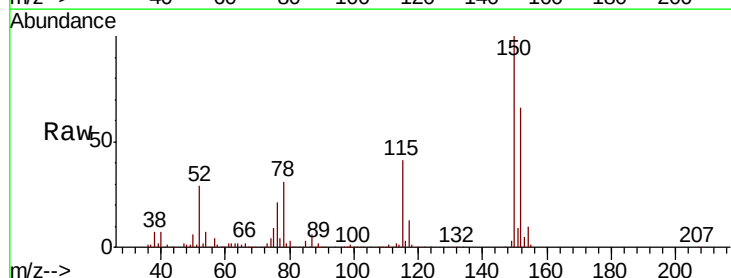
Acq: 26 May 2020 22:20

Tgt Ion: 75 Resp: 15559

Ion Ratio Lower Upper

75 100

77 38.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

